



# 2014-2015 Complete Curriculum Catalog

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**BIBLE****BIBLE 300****COURSE OVERVIEW**

Bible 300 begins a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on Christian living, the lives of Jesus and Joseph, Bible study methods, Bible archaeology, friendship, and Christian service. These areas target five content strands: biblical literature, biblical background, Christian growth, Christian evidences, and friendship (a special topic).

Upon completion of the course, students should be able to do the following:

- Identify how a Christian lives for God.
- Provide an overview of the life of Jesus.
- Provide an overview of the life of Joseph.
- Explain how a Christian can use the Bible.
- Discuss how God takes care of His children.
- Defend the Bible as the Word of God.
- Understand the nature and role of archaeology as they relate to the Bible.
- Explain the need and role of biblical friendships.
- Discuss how Christians help other people.

<b>BIBLE 300</b>	
<b>UNIT 1: YOU CAN USE THE BIBLE</b>	
<b>Assignment Titles</b>	
1. Course Overview	10. How to Memorize Verses
2. Why Study the Books of the Bible?	11. Quiz 3
3. Old Testament	12. Time for the BIBLE
4. New Testament	13. Quiz 4
5. Quiz 1	14. Special Project
6. Be a Detective	15. Test
7. Study the Bible	16. Alternate Test
8. Quiz 2	17. Reference
9. Verses of the Bible	

<b>BIBLE 300</b>	
<b>UNIT 2: THE LIFE OF JESUS CHRIST</b>	
<b>Assignment Titles</b>	
1. A True Story	11. Quiz 3
2. The Angel Visits Mary and Joseph	12. Jesus is the Son of God
3. Jesus is Born	13. Jesus Died on the Cross
4. Quiz 1	14. Jesus Lives Again
5. Jesus as a Boy	15. Quiz 4
6. Teachers at the Temple	16. Special Project
7. Quiz 2	17. Test
8. Jesus as a Man	18. Alternate Test
9. Jesus Shows Us How to Live	19. Reference
10. Jesus Saves People	

**BIBLE 300**  
**UNIT 3: JOSEPH! WHAT WAS GOD'S PLAN?**

**Assignment Titles**

- |                      |                       |
|----------------------|-----------------------|
| 1. Meet Joseph       | 9. A Famine           |
| 2. A Deep, Dark Pit  | 10. Joseph's Brothers |
| 3. Traders           | 11. A Plan            |
| 4. Quiz 1            | 12. Quiz 3            |
| 5. Life in Egypt     | 13. Special Project   |
| 6. Prison            | 14. Test              |
| 7. Still More Dreams | 15. Alternate Test    |
| 8. Quiz 2            | 16. Reference         |

**BIBLE 300**  
**UNIT 4: LIVING FOR GOD**

**Assignment Titles**

- |  |                                |
|--|--------------------------------|
| 1. Abraham Loved God                     | 11. Jamie Learns About Worship |
| 2. Abraham Obeyed God                    | 12. Quiz 3                     |
| 3. Ellen Learns About Loving and Obeying | 13. Daniel Served God          |
| 4. Quiz 1                                | 14. Loving and Serving God     |
| 5. Paul and Silas in Jail                | 15. Bill Makes a Choice        |
| 6. Paul and Silas Praised God            | 16. Quiz 4                     |
| 7. David Praised God                     | 17. Special Project            |
| 8. Quiz 2                                | 18. Test                       |
| 9. Israelites Worshipped the Golden Calf | 19. Alternate Test             |
| 10. Israelites Learn True Worship        | 20. Reference                  |

**BIBLE 300**  
**UNIT 5: GOD TAKES CARE OF HIS PEOPLE**

**Assignment Titles**

- |                                  |                           |
|----------------------------------|---------------------------|
| 1. God Cares for You             | 8. God Blessed a Good Man |
| 2. God Showed that He Cares      | 9. Quiz 3                 |
| 3. Quiz 1                        | 10. Special Project       |
| 4. God Guides and Protects You   | 11. Test                  |
| 5. God Protected Three Believers | 12. Alternate Test        |
| 6. Quiz 2                        | 13. Reference             |
| 7. God Blesses You               |                           |

**BIBLE 300**  
**UNIT 6: THE BIBLE IS THE WORD OF GOD**

**Assignment Titles**

- |                                       |                                    |
|---------------------------------------|------------------------------------|
| 1. The Writers                        | 10. God's Word Has Promises: Jesus |
| 2. Putting it all Together            | 11. More Promises                  |
| 3. Quiz 1                             | 12. Ronnie Finds a Shepherd        |
| 4. God's Word is Preserved: Josiah    | 13. Quiz 4                         |
| 5. Treasure in the Trash Can          | 14. Special Project                |
| 6. Quiz 2                             | 15. Test                           |
| 7. God's Word Changes Lives: Nehemiah | 16. Alternate Test                 |
| 8. Project: Rebuilding the Walls      | 17. Reference                      |
| 9. Quiz 3                             |                                    |

**BIBLE 300**  
**UNIT 7: ARCHAEOLOGY AND THE BIBLE**

**Assignment Titles**

- |                                 |   |
|---------------------------------|---|
| 1. Preparing the Hunt           | 9. Genesis Discoveries                        |
| 2. Project: Be an Archaeologist | 10. Solomon's Riches and New Testament Places |
| 3. The Clue of Old Stories      | 11. Project: Bible Archaeology                |
| 4. Project: Language            | 12. Quiz 3                                    |
| 5. Quiz 1                       | 13. Special Project                           |
| 6. Supporting God's Word        | 14. Test                                      |
| 7. Explaining Puzzles           | 15. Alternate Test                            |
| 8. Quiz 2                       | 16. Reference                                 |

**BIBLE 300**  
**UNIT 8: GOD GAVE US THE NEED FOR FRIENDS**

**Assignment Titles**

- |                                     |                                    |
|-------------------------------------|------------------------------------|
| 1. We Need Love                     | 10. Others Need Our Friendship     |
| 2. God Gave Commandments About Love | 11. God Commands Us to Love Others |
| 3. Quiz 1                           | 12. Project: Loving Acts           |
| 4. We Need Friendship               | 13. Quiz 3                         |
| 5. Project: Story                   | 14. Special Project                |
| 6. Project: Story Ending            | 15. Test                           |
| 7. Project: Friendship              | 16. Alternate Test                 |
| 8. True Friendship                  | 17. Reference                      |
| 9. Quiz 2                           |                                    |

**BIBLE 300**  
**UNIT 9: GOD WANTS MAN TO HELP MAN**

**Assignment Titles**

- |                                |                         |
|--------------------------------|-------------------------|
| 1. Who am I to Care For?       | 8. God will Care for Me |
| 2. How Should I Treat Others?  | 9. Quiz 3               |
| 3. Quiz 1                      | 10. Special Project     |
| 4. Why Should I Serve Others?  | 11. Test                |
| 5. God Loves Others Through Me | 12. Alternate Test      |
| 6. Quiz 2                      | 13. Reference           |
| 7. Who will Care for Me?       |                         |

**BIBLE 300**  
**UNIT 10: REVIEW**

**Assignment Titles**

- |                                    |                             |
|------------------------------------|-----------------------------|
| 1. The Word of God                 | 10. The Children of God     |
| 2. The Written Word                | 11. Project: Write a Psalm  |
| 3. Writers of the Word             | 12. Members of God's Family |
| 4. Quiz 1                          | 13. Quiz 3                  |
| 5. Son of God Makes the Word Known | 14. Special Project         |
| 6. Life of Jesus                   | 15. Test                    |
| 7. Project: Story of Jesus         | 16. Alternate Test          |
| 8. Death and Resurrection          | 17. Reference               |
| 9. Quiz 2                          |                             |

**BIBLE 400****COURSE OVERVIEW**

Bible 400 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on the lives of Peter and Paul (also known as Saul), the existence and knowledge of God, Bible study methods, Psalm 23, Old Testament geography, and Christian witnessing. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

Upon completion of the course, students should be able to do the following:

- Understand the nature and benefits of the knowledge of God.
- Describe the lives and ministries of the apostles Peter and Paul.
- Learn and memorize the Bible more effectively.
- Explain the design and message of Psalm 23.
- Provide evidences for the existence of God.
- Demonstrate an understanding of Old Testament geography.
- Witness for Christ with more knowledge and effectiveness.

<b>BIBLE 400</b>	
<b>UNIT 1: HOW CAN I LIVE FOR GOD?</b>	
<b>Assignment Titles</b>	
1. Course Overview	10. Project: Morse Code
2. How Peter Lived for God: Peter Found Jesus	11. Grow and Be Fruitful
3. Peter Followed Jesus	12. Project: Prayers for Others
4. Project: Dear Hali	13. Quiz 2
5. Project: Book Report	14. Special Project
6. Peter Fished for Men and Fed Sheep	15. Test
7. Project: Jerusalem Journal	16. Alternate Test
8. Quiz 1	17. Reference
9. How I Can Live for God: God's Family	

<b>BIBLE 400</b>	
<b>UNIT 2: GOD'S KNOWLEDGE</b>	
<b>Assignment Titles</b>	
1. Evidence of God's Knowledge: Creation	12. Project: Story
2. Evidence of God's Knowledge: Love	13. Quiz 3
3. Quiz 1	14. Use of God's Knowledge: Desire the Best Knowledge
4. Instruction of God's Knowledge: Bible	15. The Use of God's Knowledge: Seek God When You Are Young
5. Instruction of God's Knowledge: Jesus and the Holy Spirit	16. Quiz 4
6. Instruction of God's Knowledge: Prayer	17. Special Project
7. Project: Prayer	18. Test
8. Instruction: Christian Living	19. Alternate Test
9. Quiz 2	20. Reference
10. The Benefits of God's Knowledge: Salvation	
11. The Benefits of God's Knowledge: Daily Living	

**BIBLE 400**  
**UNIT 3: SAUL BEGINS TO LIVE FOR GOD**

**Assignment Titles**

- |  |                             |
|--|-----------------------------|
| 1. Saul's Background                     | 8. God Uses Saul: To Preach |
| 2. Persecution: In Jerusalem             | 9. Paul Learns              |
| 3. Persecution: Saul Travels to Damascus | 10. Quiz 3                  |
| 4. Quiz 1                                | 11. Special Project         |
| 5. God Changes Saul's Life               | 12. Test                    |
| 6. Project: Saul                         | 13. Alternate Test          |
| 7. Quiz 2                                | 14. Reference               |

**BIBLE 400**  
**UNIT 4: THE BIBLE AND ME**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Studying the Bible: Reading           | 10. Living the Bible Way: Being Friends     |
| 2. Project: Bible Reading                | 11. Project: Proverbs                       |
| 3. Studying the Bible: Learning          | 12. Living the Bible Way: Gaining Wisdom    |
| 4. Project: Commands                     | 13. Living the Bible Way: Telling the Truth |
| 5. Studying the Bible: Thinking          | 14. Quiz 3                                  |
| 6. Quiz 1                                | 15. Special Project                         |
| 7. Memorizing the Bible                  | 16. Test                                    |
| 8. Quiz 2                                | 17. Alternate Test                          |
| 9. Living the Bible Way: Obeying Parents | 18. Reference                               |

**BIBLE 400**  
**UNIT 5: GOD CARES FOR US**

**Assignment Titles**

- |  |                          |
|--|--------------------------|
| 1. David the Shepherd                          | 10. Quiz 2               |
| 2. God Cares for David                         | 11. Daniel the Helper    |
| 3. Quiz 1                                      | 12. God Cares for Daniel |
| 4. Psalm 23: Jesus Chooses and Leads His Sheep | 13. Quiz 3               |
| 5. Psalm 23: Jesus Feeds His Sheep             | 14. Memory Verse Quiz    |
| 6. Psalm 23: Jesus Guides His Sheep            | 15. Special Project      |
| 7. Psalm 23: Jesus Protects His Sheep          | 16. Test                 |
| 8. Psalm 23: Jesus Loves/Welcomes His Sheep    | 17. Alternate Test       |
| 9. Project: My Psalm                           | 18. Reference            |

**BIBLE 400**  
**UNIT 6: HOW CAN I KNOW GOD EXISTS?**

**Assignment Titles**

- |   |                                 |
|---|---------------------------------|
| 1. God's Plan for People                | 9. Man and Religion             |
| 2. The Jewish Savior                    | 10. God and Man                 |
| 3. Project: Note to Jesus               | 11. Project: Books of the Bible |
| 4. Quiz 1                               | 12. Quiz 3                      |
| 5. Man's Search for God: Thomas Aquinas | 13. Special Project             |
| 6. Science and the Bible: The Earth     | 14. Test                        |
| 7. Science and the Bible: Your Body     | 15. Alternate Test              |
| 8. Quiz 2                               | 16. Reference                   |

**BIBLE 400**  
**UNIT 7: GEOGRAPHY OF THE OLD TESTAMENT**

**Assignment Titles**

- |                                      |  |
|--------------------------------------|--|
| 1. Bible Lands                       | 10. Abraham's Descendants: Isaac and Jacob |
| 2. Fertile Crescent                  | 11. Abraham's Descendants: Joseph          |
| 3. Surface of the Land               | 12. The Land of Goshen                     |
| 4. Project: Animals in the Bible     | 13. Wilderness and the Promised Land       |
| 5. Project: Plants in the Bible      | 14. Quiz 2                                 |
| 6. Quiz 1                            | 15. Special Project                        |
| 7. Old Testament Men and Bible Lands | 16. Test                                   |
| 8. Famine                            | 17. Alternate Test                         |
| 9. Products of the Land              | 18. Reference                              |



**BIBLE 400**  
**UNIT 8: GOD-GIVEN WORTH**

**Assignment Titles**

- |                                    |   |
|------------------------------------|---|
| 1. Who Am I?                       | 9. Quiz 2                               |
| 2. Project: : Fable                | 10. How Does God Want Me to See Myself? |
| 3. Am I Worthy?                    | 11. Knowing that God Helps Me           |
| 4. Quiz 1                          | 12. Quiz 3                              |
| 5. God Is My Creator and My Father | 13. Special Project                     |
| 6. Wonderfully Taken Care of       | 14. Test                                |
| 7. Wonderfully Adopted             | 15. Alternate Test                      |
| 8. Savior, Jesus                   | 16. Reference                           |

**BIBLE 400**  
**UNIT 9: WITNESSING FOR JESUS**

**Assignment Titles**

- |                                      |                                  |
|--------------------------------------|----------------------------------|
| 1. A Living Witness                  | 11. Project: Susie Reaches Out   |
| 2. Living a New Life                 | 12. Knowing Who Jesus Is         |
| 3. Loving Others                     | 13. Following Paul's Example     |
| 4. Project: The Samaritan Shows Love | 14. Using Personal Testimony     |
| 5. Project: How I Can Show Love      | 15. Project: Witnessing Practice |
| 6. Following Jesus                   | 16. Quiz 2                       |
| 7. Showing Kindness to All           | 17. Special Project              |
| 8. Quiz 1                            | 18. Test                         |
| 9. A Telling Witness                 | 19. Alternate Test               |
| 10. Reaching People                  | 20. Reference                    |

**BIBLE 400**  
**UNIT 10: GOD'S WAY IS PERFECT**

**Assignment Titles**

- |                            |                       |
|----------------------------|-----------------------|
| 1. Learning God's Way      | 10. Quiz 2            |
| 2. Studying the Bible      | 11. Loving God's Way  |
| 3. Memorizing the Bible    | 12. Reaching Others   |
| 4. Examining Science       | 13. Quiz 3            |
| 5. Understanding Geography | 14. Memory Verse Quiz |
| 6. Quiz 1                  | 15. Special Project   |
| 7. Living God's Way        | 16. Test              |
| 8. Walking in the Spirit   | 17. Alternate Test    |
| 9. Trusting in God         | 18. Reference         |

**BIBLE 500****COURSE OVERVIEW**

Bible 500 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on biographies of faithful people, angels, the presence of God, Bible study methods, the Christian's relationships, and Paul's missionary journeys. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

Upon completion of the course, students should be able to do the following:

- Follow the examples of godly Christians.
- Understand the nature and ministry of angels.
- Appreciate the presence of God everywhere and in their lives.
- Distinguish between the different types of literature in the Bible.
- Discuss biblical proofs for what Christians believe.
- Identify key people, places, and events in Paul's missionary journeys.
- Understand the different ways that God is a judge.
- Explain the role of law and authority in God's world.

<b>BIBLE 500</b>	
<b>UNIT 1: HOW OTHERS LIVED FOR GOD</b>	
<b>Assignment Titles</b>	
1. Course Overview	12. Quiz 2
2. Believers in God	13. Noah and Ruth
3. Abraham, Man of Faith	14. Overview: Noah and Ruth
4. Overview: Abraham	15. Hannah, Jonah, and Peter
5. Quiz 1	16. Overview: Hannah, Jonah, Peter
6. Paul, More than a Conqueror	17. Great Cloud of Witnesses
7. Overview: Paul	18. Quiz 3
8. David, A Man After God's Heart	19. Special Project
9. Overview: David	20. Test
10. John, Apostle of Love	21. Alternate Test
11. Overview: John	22. Reference

<b>BIBLE 500</b>	
<b>UNIT 2: ANGELS</b>	
<b>Assignment Titles</b>	
1. Angels are Real	9. Angels During Jesus' Ministry
2. Kinds of Angels	10. Angels at the End of Jesus' Earthly Ministry
3. Quiz 1	11. Quiz 3
4. Speaking to God's Children	12. Special Project
5. Protecting God's Children	13. Test
6. Guiding and Caring for God's Children	14. Alternate Test
7. Quiz 2	15. Reference
8. Angels at Jesus' Birth and Early Life	

**BIBLE 500**  
**UNIT 3: THE PRESENCE OF GOD**

**Assignment Titles**

- |   |  |
|---|--|
| 1. God Is Present Everywhere                                | 9. Activity: Write a Story             |
| 2. God Is Present Everywhere as a Person                    | 10. Quiz 2                             |
| 3. Activity: Problem Solving                                | 11. In My Life: Communicates and Saves |
| 4. Quiz 1   | 12. In My Life: Helps and Provides     |
| 5. In the Lives of Adam, Eve, Israel, Joshua, Gideon        | 13. Project: The Main Idea             |
| 6. In the Lives of Hebrews in Babylon, Disciples, Believers | 14. Quiz 3                             |
| 7. In the Lives of David Brainerd and David Livingstone     | 15. Special Project                    |
| 8. In the Life of Gladys Aylward                            | 16. Test                               |
|   | 17. Alternate Test                     |
|   | 18. Reference                          |

**BIBLE 500**  
**UNIT 4: BIBLE METHODS AND STRUCTURE**

**Assignment Titles**

- |  |                              |
|--|------------------------------|
| 1. The Bible: One Book                       | 10. The Life of Jesus Christ |
| 2. The Bible: Many Parts                     | 11. Followers of Jesus       |
| 3. Report: History of the Bible              | 12. Epistles                 |
| 4. Quiz 1                                    | 13. Quiz 3                   |
| 5. The Old Testament: Books of History       | 14. Special Project          |
| 6. Books of Poetry                           | 15. Test                     |
| 7. Books of Prophecy/ Intro to New Testament | 16. Alternate Test           |
| 8. Quiz 2                                    | 17. Reference                |
| 9. The New Testament: Introduction           |                              |

**BIBLE 500**  
**UNIT 5: THE CHRISTIAN IN THE WORLD**

**Assignment Titles**

- |                                      |                             |
|--------------------------------------|-----------------------------|
| 1. At Home: Hearing and Obeying      | 9. At Work: Relationships   |
| 2. At Home: Correction               | 10. At Work: Good Attitudes |
| 3. Quiz 1                            | 11. At Work: Bad Attitudes  |
| 4. At School: Relationships          | 12. Quiz 3                  |
| 5. At School: Good Attitudes         | 13. Special Project         |
| 6. Activity: The Gossip Game         | 14. Test                    |
| 7. At School: Good and Bad Attitudes | 15. Alternate Test          |
| 8. Quiz 2                            | 16. Reference               |

**BIBLE 500**  
**UNIT 6: PROVING WHAT WE BELIEVE**

**Assignment Titles**

- |   |  |
|---|--|
| 1. The Bible Is God's Word: Biblical Evidence | 9. Evidence from Eyewitnesses          |
| 2. Evidence from History                      | 10. Evidence from Christian Experience |
| 3. Evidence from Human Experience             | 11. Project: What I Believe            |
| 4. Quiz 1                                     | 12. Quiz 3                             |
| 5. The World Was Created: Physical Science    | 13. Special Project                    |
| 6. Evidence from Life Science                 | 14. Test                               |
| 7. Quiz 2                                     | 15. Alternate Test                     |
| 8. Christ Arose: Prophecy Fulfilled           | 16. Reference                          |

**BIBLE 500**  
**UNIT 7: PAUL'S MISSIONARY JOURNEYS**

**Assignment Titles**

- |   |                                     |
|---|-------------------------------------|
| 1. Paul's Preparation: Background           | 10. Report: Disagreements           |
| 2. Relation to Judaism                      | 11. Quiz 2                          |
| 3. Conversion, Early Training, and Ministry | 12. Paul's Third Missionary Journey |
| 4. Report: Barnabas                         | 13. Paul's Last Years and Message   |
| 5. Quiz 1                                   | 14. Quiz 3                          |
| 6. Paul's First Missionary Journey          | 15. Special Project                 |
| 7. Iconium/Lystra/Derbe/Jerusalem Council   | 16. Test                            |
| 8. Paul's Second Missionary Journey         | 17. Alternate Test                  |
| 9. Philippi/Berea/Athens/Corinth            | 18. Reference                       |

**BIBLE 500**  
**UNIT 8: GOD CREATED MAN FOR ETERNITY**

**Assignment Titles**

- |                                  |                                     |
|----------------------------------|-------------------------------------|
| 1. Preparing for Eternity        | 9. Rewards in Heaven                |
| 2. Project: Eternity             | 10. Quiz 2                          |
| 3. Report: Sanhedrin             | 11. The Great White Throne Judgment |
| 4. Growing in Christ             | 12. Quiz 3                          |
| 5. Blessings on Earth            | 13. Special Project                 |
| 6. Quiz 1                        | 14. Test                            |
| 7. Christ Is our Judge           | 15. Alternate Test                  |
| 8. The Judgment of the Christian | 16. Reference                       |

**BIBLE 500**  
**UNIT 9: AUTHORITY AND LAW**

**Assignment Titles**

- |  |  |
|--|--|
| 1. God: The Source of All Authority        | 10. Activity: Life Without Government          |
| 2. Jesus Is the Model of Obedience         | 11. Types of Government                        |
| 3. The Holy Spirit Is the Guide            | 12. Living with Governmental Law and Authority |
| 4. Quiz 1                                  | 13. Quiz 3                                     |
| 5. Authority in the Family                 | 14. Special Project                            |
| 6. Report: Delegated Authority             | 15. Test                                       |
| 7. Living Governed by Family Authority     | 16. Alternate Test                             |
| 8. Quiz 2                                  | 17. Reference                                  |
| 9. Government: Agency of Authority and Law |  |

**BIBLE 500**  
**UNIT 10: REVIEW**

**Assignment Titles**

- |  |                              |
|--|------------------------------|
| 1. The Presence of God                       | 11. Quiz 3                   |
| 2. Angels                                    | 12. Order of God's Authority |
| 3. Activity: Angel Story                     | 13. Areas of Our World       |
| 4. Quiz 1                                    | 14. Outcome of Our Lives     |
| 5. Understanding God's Word: Bible Structure | 15. Quiz 4                   |
| 6. Bible Truth                               | 16. Special Project          |
| 7. Quiz 2                                    | 17. Test                     |
| 8. Living for God: Faithfulness              | 18. Alternate Test           |
| 9. Obedience                                 | 19. Reference                |
| 10. Loving Service                           |                              |

**BIBLE 600****COURSE OVERVIEW**

Bible 600 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on a brief survey of the Old and New Testaments, with special emphasis upon the key people, places, and events from the book of Genesis to the book of Revelation. These areas target three content strands: theology, biblical literature, and biblical background.

Upon completion of the course, students should be able to do the following:

- Present an overview of the biblical story from Genesis to Revelation.
- Identify key people, places, and events in the Old and New Testaments.
- Discuss the primary eras in the history of Israel and the Church.
- Appreciate the importance of Israel and the Kingdom in the Old Testament.
- Appreciate the importance of the Church in the New Testament.
- Demonstrate the influence of the Old Testament in the New Testament.
- Explain important themes and teachings throughout the Bible.

<b>BIBLE 600</b>	
<b>UNIT 1: FROM CREATION TO MOSES</b>	
<b>Assignment Titles</b>	
1. Course Overview	14. Alternate Quiz 2: Form B: Abraham to Joseph
2. Creation	15. Moses and the Law
3. From the First Family to the Flood	16. Activity: Ten Commandments
4. Creation to the Flood	17. Remaining Books of the Law
5. Alternate Quiz 1: Form A: Creation to the Flood	18. Moses
6. Alternate Quiz 1: Form B: Creation to the Flood	19. Alternate Quiz 3: Form A: Moses
7. Abraham and His Descendants	20. Alternate Quiz 3: Form B: Moses
8. Abram, Sarai, and Isaac	21. Review
9. Descendants of Abraham	22. Special Project
10. Joseph	23. Test
11. Activity: Joseph in Egypt	24. Alternate Test: Form A
12. Abraham to Joseph	25. Alternate Test: Form B
13. Alternate Quiz 2: Form A: Abraham to Joseph	26. Glossary and Credits

<b>BIBLE 600</b>	
<b>UNIT 2: FROM JOSHUA TO RUTH</b>	
<b>Assignment Titles</b>	
1. Conquest of the Land	12. Three Women
2. Activity: Conquest of Jericho	13. The Story of Ruth
3. Division of the Land/Death of Joshua	14. God's Perfect Plan
4. The Promised Land	15. Alternate Quiz 3: Form A: God's Perfect Plan
5. Alternate Quiz 1: Form A: The Promised Land	16. Alternate Quiz 3: Form B: God's Perfect Plan
6. Alternate Quiz 1: Form B: The Promised Land	17. Review
7. Judges: From Othneil to Shamgar	18. Special Project
8. Judges: From Deborah to Samson	19. Test
9. Judges	20. Alternate Test: Form A
10. Alternate Quiz 2: Form A: Judges	21. Alternate Test: Form B
11. Alternate Quiz 2: Form B: Judges	22. Glossary and Credits

**BIBLE 600**  
**UNIT 3: THE KINGDOM OF ISRAEL**

**Assignment Titles**

- |  |  |
|--|--|
| 1. The Books and Ministry of Samuel                  | 14. Alternate Quiz 2: Form B: Solomon      |
| 2. The Reign of Saul                                 | 15. Job                                    |
| 3. Project: Saul Becomes King                        | 16. Psalms and Proverbs                    |
| 4. The Reign of David                                | 17. Ecclesiastes and the Song of Solomon   |
| 5. Samuel, Saul, and David                           | 18. Wisdom Books                           |
| 6. Alternate Quiz 1: Form A: Samuel, Saul, and David | 19. Alternate Quiz 3: Form A: Wisdom Books |
| 7. Alternate Quiz 1: Form B: Samuel, Saul, and David | 20. Alternate Quiz 3: Form B: Wisdom Books |
| 8. The Reign of Solomon                              | 21. Review                                 |
| 9. The Temple  | 22. Special Project                        |
| 10. Report: Solomon's Rise                           | 23. Test                                   |
| 11. Project: Bible Paragraph                         | 24. Alternate Test: Form A                 |
| 12. Solomon  | 25. Alternate Test: Form B                 |
| 13. Alternate Quiz 2: Form A: Solomon                | 26. Glossary and Credits                   |

**BIBLE 600**  
**UNIT 4: THE DIVIDED KINGDOM**

**Assignment Titles**

- |   |   |
|---|---|
| 1. From Division to the Assyrian Captivity          | 14. The Remaining Kingdom                           |
| 2. From Ahab to Jehu (Part 1)                       | 15. From Manasseh to Josiah                         |
| 3. Project: Elijah's Servant                        | 16. The Prophets of the Remaining Kingdom           |
| 4. From Ahab to Jehu (Part 2)                       | 17. The Remaining Kingdom                           |
| 5. From Jehu to the Assyrian Captivity              | 18. Alternate Quiz 3: Form A: The Remaining Kingdom |
| 6. Division and Captivity                           | 19. Alternate Quiz 3: Form B: The Remaining Kingdom |
| 7. Alternate Quiz 1: Form A: Division and Captivity | 20. Review  |
| 8. Alternate Quiz 1: Form B: Division and Captivity | 21. Special Project                                 |
| 9. Before the Assyrian Captivity: Judah             | 22. Test  |
| 10. Before the Assyrian Captivity: Israel           | 23. Alternate Test: Form A                          |
| 11. Judah and Israel                                | 24. Alternate Test: Form B                          |
| 12. Alternate Quiz 2: Form A: Judah and Israel      | 25. Glossary and Credits                            |
| 13. Alternate Quiz 2: Form B: Judah and Israel      |   |

**BIBLE 600**  
**UNIT 5: CAPTIVITY AND RESTORATION**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Jeremiah                                     | 14. The Prophets of the Restoration       |
| 2. Ezekiel                                      | 15. The Old Testament Reviewed            |
| 3. Daniel                                       | 16. The Kingdom of Israel                 |
| 4. Project: Writing on the Wall                 | 17. Restoration                           |
| 5. Jeremiah to Daniel                           | 18. Alternate Quiz 3: Form A: Restoration |
| 6. Alternate Quiz 1: Form A: Jeremiah to Daniel | 19. Alternate Quiz 3: Form B: Restoration |
| 7. Alternate Quiz 1: Form B: Jeremiah to Daniel | 20. Quiz: Books of the Old Testament      |
| 8. The First Return from Exile                  | 21. Review                                |
| 9. Jews Preservation/Second Return from Exile   | 22. Special Project                       |
| 10. The Third Return from Exile                 | 23. Test                                  |
| 11. Years of Exile                              | 24. Alternate Test: Form A                |
| 12. Alternate Quiz 2: Form A: Years of Exile    | 25. Alternate Test: Form B                |
| 13. Alternate Quiz 2: Form B: Years of Exile    | 26. Glossary and Credits                  |

**BIBLE 600**  
**UNIT 6: THE LIFE OF JESUS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. History  | 18. The Rich Young Ruler and the Tax Collector  |
| 2. Birth and Childhood                            | 19. Project: Rich Young Ruler                   |
| 3. The Early Years                                | 20. Essay: Zacchaeus                            |
| 4. Alternate Quiz 1: Form A: The Early Years      | 21. Parables of Jesus                           |
| 5. Alternate Quiz 1: Form B: The Early Years      | 22. Alternate Quiz 3: Form A: Parables of Jesus |
| 6. John the Baptist and Jesus' Baptism            | 23. Alternate Quiz 3: Form B: Parables of Jesus |
| 7. Temptation and Ministry                        | 24. Triumphal Entry and Agony in the Garden     |
| 8. Rejection and Healings                         | 25. Arrest, Trial, Death, and Resurrection      |
| 9. Teaching and Miracles                          | 26. He Lives                                    |
| 10. Project: Salvation                            | 27. Alternate Quiz 4: Form A: He Lives          |
| 11. Project: Baptism                              | 28. Alternate Quiz 4: Form B: He Lives          |
| 12. Ministry Beginnings                           | 29. Review                                      |
| 13. Alternate Quiz 2: Form A: Ministry Beginnings | 30. Special Project                             |
| 14. Alternate Quiz 2: Form B: Ministry Beginnings | 31. Test  |
| 15. Rejection and Feeding Five Thousand           | 32. Alternate Test: Form A                      |
| 16. The Transfiguration and the Good Samaritan    | 33. Alternate Test: Form B                      |
| 17. The Lost Sheep and the Prodigal Son           | 34. Glossary and Credits                        |

**BIBLE 600**  
**UNIT 7: THE FOLLOWERS OF JESUS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Twelve Disciples: Peter                 | 14. Pentecost                                  |
| 2. Project: Walking on Water               | 15. The Lame Man                               |
| 3. Twelve Disciples: James and John        | 16. Stephen                                    |
| 4. Twelve Disciples: The Other Nine        | 17. The Early Church                           |
| 5. The Disciples                           | 18. Alternate Quiz 2: Form A: The Early Church |
| 6. Alternate Quiz 1: Form A: The Disciples | 19. Alternate Quiz 2: Form B: The Early Church |
| 7. Alternate Quiz 1: Form B: The Disciples | 20. Review                                     |
| 8. Three Friends                           | 21. Special Project                            |
| 9. Four Miracles                           | 22. Test                                       |
| 10. One Message                            | 23. Alternate Test: Form A                     |
| 11. The Message                            | 24. Alternate Test: Form B                     |
| 12. Alternate Quiz 2: Form A: The Message  | 25. Glossary and Credits                       |
| 13. Alternate Quiz 2: Form B: The Message  |  |

**BIBLE 600**  
**UNIT 8: THE APOSTLE PAUL**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Paul's Conversion                           | 14. Alternate Quiz 2: Form B: God's Missionary   |
| 2. Zeal and Experience                         | 15. Thessalonians and Corinthians                |
| 3. Project: Road to Damascus                   | 16. Galatians, Romans, and other Pauline Letters |
| 4. Paul  | 17. Essay: Christianity at Home                  |
| 5. Alternate Quiz 1: Form A: Paul              | 18. Letters                                      |
| 6. Alternate Quiz 1: Form B: Paul              | 19. Alternate Quiz 3: Form A: Letters            |
| 7. First Missionary Journey                    | 20. Alternate Quiz 3: Form B: Letters            |
| 8. Essay: Paul's Attitude                      | 21. Review                                       |
| 9. Second Missionary Journey                   | 22. Special Project                              |
| 10. Third Missionary Journey                   | 23. Test   |
| 11. Essay: Preparation                         | 24. Alternate Test: Form A                       |
| 12. God's Missionary                           | 25. Alternate Test: Form B                       |
| 13. Alternate Quiz 2: Form A: God's Missionary | 26. Glossary and Credits                         |

**BIBLE 600**  
**UNIT 9: HEBREWS AND GENERAL EPISTLES**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Hebrews   | 12. First John                                |
| 2. Faith   | 13. Second and Third John, and Jude           |
| 3. Hebrews   | 14. Essay: Diotrefes                          |
| 4. Alternate Quiz 1: Form A: Hebrews                     | 15. Letters of John                           |
| 5. Alternate Quiz 1: Form B: Hebrews                     | 16. Alternate Quiz 3: Form A: Letters of John |
| 6. General Epistles: James                               | 17. Alternate Quiz 3: Form B: Letters of John |
| 7. First and Second Peter                                | 18. Review                                    |
| 8. Essay: Spiritual Growth                               | 19. Special Project                           |
| 9. Letters of James and Peter                            | 20. Test                                      |
| 10. Alternate Quiz 2: Form A: Letters of James and Peter | 21. Alternate Test: Form A                    |
| 11. Alternate Quiz 2: Form B: Letters of James and Peter | 22. Alternate Test: Form B                    |
|  | 23. Glossary and Credits                      |

**BIBLE 600**  
**UNIT 10: REVELATION AND REVIEW**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Revelation   | 14. Followers of Jesus                       |
| 2. The Seven Churches and End Time Events             | 15. Essay: Nicodemus                         |
| 3. Project: Time with John                            | 16. Apostle Paul                             |
| 4. Revelation   | 17. Jesus and Paul                           |
| 5. Alternate Quiz 1: Form A: Revelation               | 18. Alternate Quiz 3: Form A: Jesus and Paul |
| 6. Alternate Quiz 1: Form B: Revelation               | 19. Alternate Quiz 3: Form B: Jesus and Paul |
| 7. Creation to Moses                                  | 20. Books of the New Testament Quiz          |
| 8. Joshua, Samuel, and the Kingdom of Israel          | 21. Review                                   |
| 9. Divided Kingdom, Captivity, and Restoration        | 22. Special Project                          |
| 10. Creation to Restoration                           | 23. Test                                     |
| 11. Alternate Quiz 2: Form A: Creation to Restoration | 24. Alternate Test: Form A                   |
| 12. Alternate Quiz 2: Form B: Creation to Restoration | 25. Alternate Test: Form B                   |
| 13. Life of Jesus                                     | 26. Glossary and Credits                     |



**BIBLE 700****COURSE OVERVIEW**

Bible 700 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on worship, mankind, the attributes of God, prophecies about Christ, the living of balanced lives, and the book of Psalms. Special emphasis is given to the life of Christ from His pre-existence and birth to His resurrection and ascension. These areas target five content strands: theology, the attributes of God, biblical literature, Christian growth, and the life of Christ (a special topic).

Upon completion of the course, students should be able to do the following:

- Understand the design and practice of Christian worship.
- Describe the nature and purpose of humanity.
- Explain some of the moral attributes of God.
- Follow the biblical presentation of Jesus as the Messiah.
- Identify the characteristics of a balanced Christian life.
- Demonstrate an understanding of the history and design of the book of Psalms.
- Present the primary events in the life of Christ.

<b>BIBLE 700</b>	
<b>UNIT 1: WORSHIP</b>	
<b>Assignment Titles</b>	
1. Course Overview	9. Quiz 2
2. The Meaning of Worship	10. Hypocritical Worship
3. The Object of Worship	11. Sacrilegious vs True Worship
4. The Reasons for Worship	12. Quiz 3
5. Quiz 1	13. Special Project
6. Worship in Old Testament Times	14. Test
7. Essay: Feasts Fulfilled in Christ	15. Alternate Test
8. Worship in New Testament Times	16. Reference

<b>BIBLE 700</b>	
<b>UNIT 2: MANKIND</b>	
<b>Assignment Titles</b>	
1. Creation of Mankind	8. Quiz 3
2. The Original Nature of Mankind	9. The Mission of Mankind
3. Quiz 1	10. Quiz 4
4. The Fall of Mankind	11. Special Project
5. Quiz 2	12. Test
6. The Method of Salvation	13. Alternate Test
7. The Result of Salvation	14. Reference

<b>BIBLE 700</b>	
<b>UNIT 3: ATTRIBUTES OF GOD</b>	
<b>Assignment Titles</b>	
1. Love	7. Quiz 3
2. Quiz 1	8. Special Project
3. Mercy: Divine Choice	9. Test
4. Mercy: Divine Provision	10. Alternate Test
5. Quiz 2	11. Reference
6. Grace	

<b>BIBLE 700</b>	
<b>UNIT 4: CHRISTIAN EVIDENCES</b>	
<b>Assignment Titles</b>	
1. The Method of the First Advent	7. Quiz 2
2. The Purpose of the First Advent	8. Special Project
3. Quiz 1	9. Test
4. The Offices of the Messiah Foretold	10. Alternate Test
5. Offices of the Messiah Fulfilled	11. Reference
6. Essay: Prophecy	

**BIBLE 700**  
**UNIT 5: NEW LIFE IN CHRIST**

**Assignment Titles**

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| 1. Life Before and After Christ       | 8. The Life of Grace                |
| 2. Christ Brings New Life             | 9. Project: The Fruit of the Spirit |
| 3. Quiz 1                             | 10. Quiz 3                          |
| 4. Growing in Christ: God's Desire    | 11. Special Project                 |
| 5. Obstacles to Growth                | 12. Test                            |
| 6. Quiz 2                             | 13. Alternate Test                  |
| 7. Life in the Spirit: Transformation | 14. Reference                       |

**BIBLE 700**  
**UNIT 6: THE PSALMS**

**Assignment Titles**

- |                              |                           |
|------------------------------|---------------------------|
| 1. The Psalms                | 10. Psalm 100: Background |
| 2. The History of the Psalms | 11. Poetry of Psalm 100   |
| 3. The Types of Psalms       | 12. Meaning of Psalm 100  |
| 4. The Use of the Psalms     | 13. Quiz 3                |
| 5. Quiz 1                    | 14. Special Project       |
| 6. Hebrew Poetry: Variations | 15. Test                  |
| 7. Forms of Hebrew Poetry    | 16. Alternate Test        |
| 8. Patterns of Hebrew Poetry | 17. Reference             |
| 9. Quiz 2                    |                           |

**BIBLE 700**  
**UNIT 7: LIFE OF CHRIST - PART 1**

**Assignment Titles**

- |  |  |
|--|--|
| 1. The Pre-existence of Christ         | 11. Jesus and the Woman at the Well        |
| 2. The Birth of Christ                 | 12. Quiz 3                                 |
| 3. The Youth of Christ                 | 13. Early Galilean Ministry: Miracles      |
| 4. Quiz 1                              | 14. Early Galilean Ministry: Controversies |
| 5. The Baptism of Jesus                | 15. Early Galilean Ministry: Sermons       |
| 6. The Temptations of Jesus            | 16. Quiz 4                                 |
| 7. The Disciples of Christ             | 17. Special Project                        |
| 8. Quiz 2                              | 18. Test                                   |
| 9. Jesus' Cleansing of the Temple      | 19. Alternate Test                         |
| 10. Jesus' Conversation with Nicodemus | 20. Reference                              |

**BIBLE 700**  
**UNIT 8: LIFE OF CHRIST - PART 2**

**Assignment Titles**

- |   |                                       |
|---|---------------------------------------|
| 1. Public Ministry in Galilee: Miracles | 9. Public Ministry in Judea and Perea |
| 2. Miracles II                          | 10. Project: Opposition to Faith      |
| 3. Parables                             | 11. Perea Ministry                    |
| 4. Quiz 1                               | 12. Quiz 3                            |
| 5. Private Ministry in Galilee          | 13. Special Project                   |
| 6. The Lord's Provision                 | 14. Test                              |
| 7. The Transfiguration                  | 15. Alternate Test                    |
| 8. Quiz 2                               | 16. Reference                         |

**BIBLE 700**  
**UNIT 9: LIFE OF CHRIST - PART 3**

**Assignment Titles**

- |   |                                      |
|---|--------------------------------------|
| 1. Jesus' Final Ministry in Jerusalem   | 9. Jesus' Resurrection and Ascension |
| 2. Jesus' Private Ministry in Jerusalem | 10. The Appearances                  |
| 3. The Last Supper                      | 11. The Ascension                    |
| 4. Quiz 1                               | 12. Quiz 3                           |
| 5. Jesus' Sufferings and Crucifixion    | 13. Special Project                  |
| 6. Trials: Sanhedrin, Pilate, Herod     | 14. Test                             |
| 7. Crucifixion, Death, and Burial       | 15. Alternate Test                   |
| 8. Quiz 2                               | 16. Reference                        |

**BIBLE 700  
UNIT 10: GOD'S PLAN IN CHRIST****Assignment Titles**

- |                                      |  |
|--------------------------------------|--|
| 1. God and His Attributes            | 11. Unique in His Death and Resurrection |
| 2. The Plan of God                   | 12. Quiz 3                               |
| 3. Quiz 1                            | 13. Man's Response to God                |
| 4. Man's History: Life Before Christ | 14. Maturing in the Lord                 |
| 5. Human Life After the Fall         | 15. Quiz 4                               |
| 6. Human Life After Christ           | 16. Memory Verse Quiz (All Units)        |
| 7. Quiz 2                            | 17. Special Project                      |
| 8. Jesus Christ Fulfills God's Plan  | 18. Test                                 |
| 9. The Life of Christ: His Birth     | 19. Alternate Test                       |
| 10. Unique in His Ministry           | 20. Reference                            |

**BIBLE 800****COURSE OVERVIEW**

Bible 800 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on prayer, salvation, the attributes of God, the book of Proverbs, and interpersonal relationships. Special emphasis is given to a survey of Church history from the early Church through the Reformation. These areas target five content strands: theology, the attributes of God, biblical literature, Christian growth, and Church history (a special topic).

Upon completion of the course, students should be able to do the following:

- Understand the nature and use of prayer.
- Explain the relationship of sin and salvation in the Gospel message.
- Describe various attributes that belong to God.
- Identify key people, places, and events in Church history.
- Describe the deterioration of the Church in the Middle Ages.
- Pursue biblical truths in the development of relationships.
- Explain the relationship between parents and children.

<b>BIBLE 800</b>	
<b>UNIT 1: PRAYER</b>	
<b>Assignment Titles</b>	
1. Course Overview	9. A Prayerful Response: From Adoration to Surrender
2. Christ's Model Prayer	10. The Request in Prayer
3. The Lord's Prayer: Invocation; First to Fourth Petitions	11. Unanswered Requests; Effectiveness in Prayer
4. The Lord's Prayer: Fifth Petition to Conclusion	12. Quiz 2
5. The Purpose of Christ's Model Prayer; Benefits of Prayer	13. Special Project
6. Quiz 1	14. Test
7. The Early History of Prayer	15. Alternate Test
8. A Prayerful Response: From Faith to Confession	16. Reference

<b>BIBLE 800</b>	
<b>UNIT 2: SIN AND SALVATION</b>	
<b>Assignment Titles</b>	
1. The Nature of Sin	8. The Results of Salvation: Growth in Grace
2. The Universality of Sin	9. Assurance of Salvation
3. Quiz 1	10. Quiz 3
4. The Nature of Salvation	11. Special Project
5. The Process of Salvation	12. Test
6. Quiz 2	13. Alternate Test
7. The Results of Salvation: Forgiveness	14. Reference

<b>BIBLE 800</b>	
<b>UNIT 3: ATTRIBUTES OF GOD</b>	
<b>Assignment Titles</b>	
1. Justice as God's Nature	9. Quiz 3
2. Justice: An Expression of God	10. Love: A Godly Characteristic
3. Quiz 1	11. Love: A Christian Virtue
4. Immutability: Divine Perfection	12. Quiz 4
5. Immutability: A Solid Foundation	13. Special Project
6. Quiz 2	14. Test
7. God's Eternality	15. Alternate Test
8. God's Eternality in the Bible	16. Reference

**BIBLE 800**  
**UNIT 4: EARLY CHURCH LEADERS**

**Assignment Titles**

- |                                   |                               |
|-----------------------------------|-------------------------------|
| 1. The Age of the Apostles        | 9. Men of the Reformation     |
| 2. The Age of the Church Fathers  | 10. Places of the Reformation |
| 3. The Age of the Apologists      | 11. Quiz 3                    |
| 4. The Age of the Theologians     | 12. Special Project           |
| 5. Quiz 1                         | 13. Test                      |
| 6. The Spread of the Roman Church | 14. Alternate Test            |
| 7. Division and Renaissance       | 15. Reference                 |
| 8. Quiz 2                         |                               |

**BIBLE 800**  
**UNIT 5: EARLY CHURCH HISTORY**

**Assignment Titles**

- |   |                                   |
|---|-----------------------------------|
| 1. The Roman Setting (1)                        | 11. The Martyrdom of Stephen      |
| 2. The Roman Setting (2)                        | 12. The Period of Transition      |
| 3. Jewish Background (1)                        | 13. Two Important Conversions     |
| 4. Jewish Background (2)                        | 14. New Churches                  |
| 5. Report: Religious Leaders                    | 15. Quiz 2                        |
| 6. Quiz 1                                       | 16. Memory Verse Quiz (Units 1-5) |
| 7. Christianity's Beginnings: Ministry of Jesus | 17. Special Project               |
| 8. The Pentecost Experience                     | 18. Test                          |
| 9. The Church at Jerusalem                      | 19. Alternate Test                |
| 10. The Beginning of Opposition                 | 20. Reference                     |

**BIBLE 800**  
**UNIT 6: THE EARLY CHURCHES**

**Assignment Titles**

- |                                  |                               |
|----------------------------------|-------------------------------|
| 1. The Early Missionary Journeys | 11. Persecuted Churches       |
| 2. The First Missionary Journey  | 12. Apostate Churches         |
| 3. Jerusalem Conference          | 13. Churches United in Christ |
| 4. The Second Missionary Journey | 14. Report: The Early Church  |
| 5. Quiz 1                        | 15. Quiz 3                    |
| 6. The Third Missionary Journey  | 16. Special Project           |
| 7. Final Journey to Jerusalem    | 17. Test                      |
| 8. Quiz 2                        | 18. Alternate Test            |
| 9. The Ephesian Church           | 19. Reference                 |
| 10. The Cretan Church            |                               |

**BIBLE 800**  
**UNIT 7: THE BOOK OF PROVERBS**

**Assignment Titles**

- |                                    |                                 |
|------------------------------------|---------------------------------|
| 1. The Literary Design of Proverbs | 9. The Themes of Proverbs       |
| 2. Parallelism in Proverbs         | 10. Repetitions in Proverbs     |
| 3. The Outline of Proverbs         | 11. Studying Themes in Proverbs |
| 4. Purposes of Proverbs            | 12. Quiz 3                      |
| 5. Quiz 1                          | 13. Special Project             |
| 6. The New Testament and Proverbs  | 14. Test                        |
| 7. Proverbs in Two Epistles        | 15. Alternate Test              |
| 8. Quiz 2                          | 16. Reference                   |

**BIBLE 800**  
**UNIT 8: CHOICES**

**Assignment Titles**

- |   |                         |
|---|-------------------------|
| 1. Personal Choices: Knowing What To Do | 9. Finding God's Will   |
| 2. Dealing With Guilt                   | 10. Getting Things Done |
| 3. Knowing about Illegal Drugs          | 11. Quiz 3              |
| 4. Quiz 1                               | 12. Special Project     |
| 5. Developing Friendships               | 13. Test                |
| 6. Studying Effectively                 | 14. Alternate Test      |
| 7. Studying Honestly                    | 15. Reference           |
| 8. Quiz 2                               |                         |

**BIBLE 800**  
**UNIT 9: UNDERSTANDING THE FAMILY**

**Assignment Titles**

- |  |                        |
|--|------------------------|
| 1. Understanding Parents               | 9. Quiz 2              |
| 2. Human Parents                       | 10. Your Parents' Life |
| 3. Some Biblical Parents               | 11. Your Parents' Role |
| 4. Your Heavenly Father                | 12. Quiz 3             |
| 5. Quiz 1                              | 13. Special Project    |
| 6. What Makes a Parent                 | 14. Test               |
| 7. What Your Parents Do For You        | 15. Alternate Test     |
| 8. What You Should Do For Your Parents | 16. Reference          |

**BIBLE 800**  
**UNIT 10: REVIEW**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. Prayer                                  | 11. Understanding Proverbs         |
| 2. Salvation                               | 12. Making Good Choices            |
| 3. Attributes of God                       | 13. Understanding Parents          |
| 4. Quiz 1                                  | 14. Quiz 3                         |
| 5. Early Church History                    | 15. Memory Verse Quiz (Units 1-10) |
| 6. Early Church Experience                 | 16. Special Project                |
| 7. Early Leaders of the Church             | 17. Test                           |
| 8. Leaders from Middle Ages to Reformation | 18. Alternate Test                 |
| 9. Report: Reformation Leader              | 19. Reference                      |
| 10. Quiz 2                                 |                                    |

## NEW TESTAMENT SURVEY

### COURSE OVERVIEW

New Testament Survey provides a developmental and in-depth academic study of the teachings of the New Testament from the Intertestamental period (prior to the birth of Christ) to the book of Revelation. The survey emphasizes the most important people, places, and events in the development and expansion of the Church. The course also includes material on Christian suffering, witnessing, and the will of God. New Testament Survey targets four major strands: theology, biblical literature, biblical background, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the background of the New Testament.
- Identify key people, places, and events in the New Testament.
- Provide the setting and purpose for each New Testament book.
- Understand the importance of the Church.
- Identify the various apostles and their particular ministries.
- Understand the biblical approach to suffering.
- Tell others about the Gospel with more knowledge and confidence.

NEW TESTAMENT SURVEY	
UNIT 1: INTRODUCTION TO THE NEW TESTAMENT	
Assignment Titles	
1. Course Overview	13. Birth to Baptism
2. Inter-Testamental Period	14. Temptation to Popular Ministry
3. Various Empires and Periods	15. Ministry of Opposition to Final Ministry
4. Religious Literature	16. Arrest to Ascension
5. Religious Parties: Scribes and Sadducees	17. Events in the Early Church
6. Religious Parties: Pharisees	18. Foreign Missions
7. Quiz 1: Inter-Testamental Period	19. Events in Revelation
8. Historical Books	20. Quiz 3: New Testament Chronology
9. Instructive Books: Pauline Epistles	21. Special Project
10. Instructive Books: General Epistles	22. Test: Introduction to the New Testament
11. The Prophetic Book	23. Alternate Test: Introduction to the New Testament
12. Quiz 2: New Testament Books	24. Reference

NEW TESTAMENT SURVEY	
UNIT 2: THE GOSPELS	
Assignment Titles	
1. Matthew: The Writer	10. Luke: Background and Analysis
2. Matthew: Background and Analysis	11. Quiz 3: Luke
3. Report: Matthew	12. John: The Writer
4. Report: Prophet, Priest, and King	13. John: Background and Analysis
5. Quiz 1: Matthew	14. Quiz 4: John
6. Mark: The Writer	15. Special Project
7. Mark: Background and Analysis	16. Test: The Gospels
8. Quiz 2: Mark	17. Alternate Test: The Gospels
9. Luke: The Writer	18. Reference

NEW TESTAMENT SURVEY	
UNIT 3: THE ACTS OF THE APOSTLES	
Assignment Titles	
1. The Writer	10. Content: Pentecost
2. Viewpoint	11. Content: Home Missions
3. Quiz 1: Writer	12. Content: Foreign Missions
4. Particular Purpose	13. Quiz 3: Content
5. Historical Purpose: Jesus	14. Special Project
6. Holy Spirit and the Apostles	15. Test: The Acts of the Apostles
7. Comprehensive Purpose	16. Alternate Test: The Acts of the Apostles
8. Essay: The Great Commission	17. Reference
9. Quiz 2: Purpose	

**NEW TESTAMENT SURVEY  
UNIT 4: THE PAULINE EPISTLES**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Paul: Background                              | 11. Report: Obeying Parents              |
| 2. Paul: The Apostle                             | 12. Quiz 3: Prison Epistles              |
| 3. Paul: The Writer                              | 13. Later Epistles: 1 Timothy and Titus  |
| 4. Report: Education and Ministry                | 14. Later Epistles: 2 Timothy            |
| 5. Quiz 1: Personal Profile                      | 15. Quiz 4: Later Epistles               |
| 6. Early Epistles: Thessalonians and Corinthians | 16. Special Project                      |
| 7. Early Epistles: Romans and Galatians          | 17. Test: The Pauline Epistles           |
| 8. Quiz 2: Early Epistles                        | 18. Alternate Test: The Pauline Epistles |
| 9. Prison Epistles: Ephesians and Philippians    | 19. Reference                            |
| 10. Prison Epistles: Colossians and Philemon     |  |

**NEW TESTAMENT SURVEY  
UNIT 5: THE GENERAL EPISTLES**

**Assignment Titles**

- |  |  |
|--|--|
| 1. James: Background                     | 12. 1, 2, and 3 John: The Apostle and Writer |
| 2. James: The Disciple                   | 13. 1, 2, and 3 John: The Message            |
| 3. James: The Writer and Message         | 14. Quiz 3: 1, 2, and 3 John                 |
| 4. Essay: James                          | 15. Hebrews                                  |
| 5. Quiz 1: James                         | 16. Jude                                     |
| 6. 1 and 2 Peter: Background             | 17. Quiz 4: Hebrews and Jude                 |
| 7. 1 and 2 Peter: The Apostle and Writer | 18. Memory Verse Quiz                        |
| 8. 1 and 2 Peter: The Message            | 19. Special Project                          |
| 9. Essay: Peter                          | 20. Test: The General Epistles               |
| 10. Quiz 2: 1 and 2 Peter                | 21. Alternate Test: The General Epistles     |
| 11. 1, 2, and 3 John: Background         | 22. Reference                                |

**NEW TESTAMENT SURVEY  
UNIT 6: THE REVELATION OF JESUS CHRIST**

**Assignment Titles**

- |   |  |
|---|--|
| 1. The Seven Churches: Ephesus and Smyrna             | 10. Quiz 2: Victorious Christ and His Enemy        |
| 2. The Seven Churches: Pergamos, Thyatira, and Sardis | 11. The Seven Judgments                            |
| 3. The Seven Churches: Philadelphia and Laodicea      | 12. The Seven Wonders                              |
| 4. The Seven Seals: Seals 1-4                         | 13. Quiz 3: Triumphant Christ and His Bride        |
| 5. The Seven Seals: Seals 5-7                         | 14. Special Project                                |
| 6. Quiz 1: Glorious Christ and His People             | 15. Test: The Revelation of Jesus Christ           |
| 7. The Seven Trumpets                                 | 16. Alternate Test: The Revelation of Jesus Christ |
| 8. The Seven Signs: Signs 1-3                         | 17. Reference                                      |
| 9. The Seven Signs: Signs 4-7 and the Seven Plagues   |  |

**NEW TESTAMENT SURVEY  
UNIT 7: BIBLICAL LITERATURE: JOB AND SUFFERING**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Job: Opening Scenes                         | 10. The Sufferings of Christ: Death and Resurrection       |
| 2. Job: Great Debate                           | 11. The Sufferings of Christ: Intercession and Consolation |
| 3. Job: Closing Scenes                         | 12. Essay: Suffering                                       |
| 4. Essay: When a Friend is Suffering           | 13. Quiz 3: The Sufferings of Christ                       |
| 5. Quiz 1: The Book of Job                     | 14. Special Project  |
| 6. Understanding Suffering                     | 15. Test: Job and Suffering                                |
| 7. Perspectives on Suffering                   | 16. Alternate Test: Job and Suffering                      |
| 8. Quiz 2: Attitudes Toward Suffering          | 17. Reference  |
| 9. The Sufferings of Christ: Life and Ministry |  |



**NEW TESTAMENT SURVEY**  
**UNIT 8: HOW TO SHARE CHRIST WITH YOUR FRIENDS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Personal Evangelism                     | 10. Approaches to Outreach: Missions at Home and Abroad   |
| 2. Evangelism and the Holy Spirit          | 11. Quiz 3: Travel Projects                               |
| 3. Evangelism and Discipleship             | 12. Special Project                                       |
| 4. Essay: Witnessing                       | 13. Test: How to Share Christ With Your Friends           |
| 5. Quiz 1: Personal Evangelism             | 14. Alternate Test: How to Share Christ With Your Friends |
| 6. Approaches to Outreach: Bible Studies   | 15. Reference   |
| 7. Approaches to Outreach: Activities      |   |
| 8. Quiz 2: Outreach                        |   |
| 9. Approaches to Outreach: Family Projects |   |

**NEW TESTAMENT SURVEY**  
**UNIT 9: GOD'S WILL FOR YOUR LIFE**

**Assignment Titles**

- |   |  |
|---|--|
| 1. The Nature of God's Will                     | 9. Knowing Your Gifts: Personal Appraisal          |
| 2. God's Will in His Word and Providence        | 10. Knowing Your Gifts: The Confirmation of Others |
| 3. Quiz 1: How to Find God's Will for Your Life | 11. Using Your Gifts                               |
| 4. The Need for Goals                           | 12. Quiz 3: How to Evaluate and Use Talents        |
| 5. The Types of Goals                           | 13. Special Project                                |
| 6. The Attainment of Goals                      | 14. Test: God's Will for Your Life                 |
| 7. Quiz 2: How to Develop and Keep Goals        | 15. Alternate Test: God's Will for Your Life       |
| 8. The Giver of Gifts                           | 16. Reference                                      |

**NEW TESTAMENT SURVEY**  
**UNIT 10: REVIEW**

**Assignment Titles**

- |  |   |
|--|---|
| 1. The Empires   | 11. Quiz 2: Instructive and Prophetical Books         |
| 2. Literature and Parties  | 12. Suffering: Job                                    |
| 3. The Gospels   | 13. Suffering: Mankind and Christ                     |
| 4. The Acts of the Apostles  | 14. Sharing Christ with Your Friends                  |
| 5. Quiz 1: Background Information and New Testament Historical Books | 15. Knowing God's Will                                |
| 6. Early Pauline Epistles  | 16. Quiz 3: Suffering; Witnessing; Finding God's Will |
| 7. Pauline Epistles from Prison                                      | 17. Memory Verse Quiz                                 |
| 8. Later Pauline Epistles  | 18. Special Project                                   |
| 9. The General Epistles  | 19. Test: New Testament Review                        |
| 10. Revelation   | 20. Alternate Test: New Testament Review              |
|  | 21. Reference   |

## OLD TESTAMENT SURVEY

### COURSE OVERVIEW

Old Testament Survey provides a developmental and in-depth academic study of the teachings of the Old Testament, from the creation of the world (Genesis) to the restoration of Israel and the ministry of its post-exilic prophets (Malachi). The survey emphasizes the most important people, places, and events in the development and decline of the nation of Israel. These areas target three content strands: theology, biblical literature, and biblical background.

Upon completion of the course, students should be able to do the following:

- Identify the key people, places, and events of the Old Testament.
- Provide the setting and purpose for each Old Testament book.
- Identify the different eras in the history of Israel.
- Appreciate the importance of the nation of Israel.
- Describe the rise and fall of the kingdoms of Judah and Israel.
- Identify the various prophets with the era in which they ministered.

OLD TESTAMENT SURVEY UNIT 1: CREATION TO ABRAHAM	
Assignment Titles	
1. Course Overview	10. Flood
2. Overview of the Bible	11. Quiz 3: Flood
3. Creation	12. Nations
4. Quiz 1: Creation	13. Quiz 4: Nations
5. Fall	14. Special Project
6. Essay: Temptation	15. Test: Creation to Abraham
7. Project: Promises of God	16. Alternate Test: Creation to Abraham
8. Cain and Abel	17. Reference
9. Quiz 2: Fall	

OLD TESTAMENT SURVEY UNIT 2: ABRAHAM THROUGH JOSEPH	
Assignment Titles	
1. Abraham	10. Quiz 3: Jacob
2. Abraham: Call From God	11. Joseph: In Canaan
3. Abraham: Egypt to the Covenant	12. Joseph: In Egypt
4. Quiz 1: Abraham	13. Quiz 4: Joseph
5. Isaac	14. Special Project
6. Quiz 2: Isaac	15. Test: Abraham Through Joseph
7. Jacob: Early Life/Flight to Haran	16. Alternate Test: Abraham Through Joseph
8. Report: Rebekah	17. Reference
9. Jacob: Return to Canaan	

OLD TESTAMENT SURVEY UNIT 3: THE EXODUS AND WANDERINGS	
Assignment Titles	
1. Exodus: Bondage in Egypt	10. Numbers: Journey and Sojourn
2. Exodus: A Deliverer	11. Quiz 3: Numbers
3. Exodus: Deliverance from Bondage	12. Deuteronomy
4. Exodus: Law/ Tabernacle/ Priesthood	13. Quiz 4: Deuteronomy
5. Quiz 1: Exodus	14. Special Project
6. Leviticus: Chapters 1-16	15. Test: The Exodus and Wanderings
7. Leviticus: Chapters 17-27	16. Alternate Test: The Exodus and Wanderings
8. Quiz 2: Leviticus	17. Reference
9. Numbers: Organization	

**OLD TESTAMENT SURVEY  
UNIT 4: ISRAEL IN CANAAN**

**Assignment Titles**

- |                                   |  |
|-----------------------------------|--|
| 1. Final Preparation              | 8. Quiz 2: Division of the Land          |
| 2. Report: Report of the Spies    | 9. Farewell and Death of Joshua          |
| 3. Conquest of the Land           | 10. Quiz 3: Farewell and Death of Joshua |
| 4. Quiz 1: Conquest of the Land   | 11. Special Project                      |
| 5. Division of the Land (Part I)  | 12. Test: Israel in Canaan               |
| 6. Report: Israel in Canaan       | 13. Alternate Test: Israel in Canaan     |
| 7. Division of the Land (Part II) | 14. Reference                            |

**OLD TESTAMENT SURVEY  
UNIT 5: THE JUDGES AND SPIRITUAL DECLINE**

**Assignment Titles**

- |                                      |  |
|--------------------------------------|--|
| 1. The Book of Judges                | 10. Quiz 3: Two Examples of Decay                    |
| 2. Quiz 1: The Book of Judges        | 11. The Story of Ruth                                |
| 3. Othniel                           | 12. Quiz 4: The Story of Ruth                        |
| 4. Ehud, Shamgar, and Deborah        | 13. Memory Verse Quiz                                |
| 5. Gideon                            | 14. Special Project                                  |
| 6. Tola, Jair, and Jephthah          | 15. Test: The Judges and Spiritual Decline           |
| 7. Ibzan, Elon, Abdon, and Samson    | 16. Alternate Test: The Judges and Spiritual Decline |
| 8. Quiz 2: The History of the Judges | 17. Reference  |
| 9. Spiritual and Moral Decay         |  |

**OLD TESTAMENT SURVEY  
UNIT 6: THE KINGDOM**

**Assignment Titles**

- |                                      |                                   |
|--------------------------------------|-----------------------------------|
| 1. The Ministry of Samuel            | 10. Job                           |
| 2. The Selection of a King           | 11. Psalms                        |
| 3. The Reign of Saul                 | 12. Proverbs                      |
| 4. The Demise of Saul                | 13. Ecclesiastes/ Song of Solomon |
| 5. The Reign of David                | 14. Quiz 3: Hebrew Poetry         |
| 6. Quiz 1: The Books of Samuel       | 15. Special Project               |
| 7. The Kingdom Under Solomon         | 16. Test: The Kingdom             |
| 8. The Program of Solomon            | 17. Alternate Test: The Kingdom   |
| 9. Quiz 2: The Kingdom Under Solomon | 18. Reference                     |

**OLD TESTAMENT SURVEY  
UNIT 7: THE DIVIDED KINGDOM**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Jeroboam                                    | 11. From Jehoahaz to the Assyrian Captivity     |
| 2. Rehoboam, Abijah, Asa, Nadab and Successors | 12. Quiz 3: From Jehu to the Assyrian Captivity |
| 3. Report: Rehoboam and Jeroboam               | 13. Prophets: Obadiah and Joel                  |
| 4. Quiz 1: Jeroboam to Ahab                    | 14. Prophets: Jonah, Amos, and Hosea            |
| 5. Elijah                                      | 15. Quiz 4: The Prophets of the Period          |
| 6. Ahab, Jehoshaphat, and Ahaziah              | 16. Special Project                             |
| 7. Elijah and Elisha                           | 17. Test: The Divided Kingdom                   |
| 8. Elisha, Jehoram, Ahaziah, and Jehu          | 18. Alternate Test: The Divided Kingdom         |
| 9. Quiz 2: From Ahab to Jehu                   | 19. Reference                                   |
| 10. From Jehu to Joash                         |   |

**OLD TESTAMENT SURVEY  
UNIT 8: THE REMAINING KINGDOM**

**Assignment Titles**

- |                                       |   |
|---------------------------------------|---|
| 1. Hezekiah: Revival and Reform       | 9. Prophets: Isaiah                         |
| 2. Hezekiah: Deliverance to Recovery  | 10. Prophets: Micah and Nahum               |
| 3. Quiz 1: Hezekiah                   | 11. Prophets: Zephaniah, Habakkuk, Jeremiah |
| 4. Manasseh and Amon                  | 12. Quiz 4: The Prophets of the Period      |
| 5. The Reforms of Josiah              | 13. Special Project                         |
| 6. Quiz 2: From Manasseh to Josiah    | 14. Test: The Remaining Kingdom             |
| 7. From Jehoahaz to the Exile         | 15. Alternate Test: The Remaining Kingdom   |
| 8. Quiz 3: From Jehoahaz to the Exile | 16. Reference                               |

**OLD TESTAMENT SURVEY  
UNIT 9: THE CAPTIVITY**

**Assignment Titles**

- |                                  |                                   |
|----------------------------------|-----------------------------------|
| 1. Jeremiah: History             | 8. Daniel: The Book               |
| 2. Jeremiah: Ministry and Books  | 9. Quiz 3: Daniel                 |
| 3. Quiz 1: Jeremiah              | 10. Special Project               |
| 4. Ezekiel: History and Ministry | 11. Test: The Captivity           |
| 5. Ezekiel: The Book             | 12. Alternate Test: The Captivity |
| 6. Quiz 2: Ezekiel               | 13. Reference                     |
| 7. Daniel: History and Ministry  |                                   |

**OLD TESTAMENT SURVEY  
UNIT 10: THE RESTORATION**

**Assignment Titles**

- |  |  |
|--|--|
| 1. First Return From Exile: Under Zerubbabel | 11. Registration, Revival, and Reform  |
| 2. The Rebuilding of the Temple              | 12. Quiz 4: Third Return From Exile    |
| 3. Quiz 1: The First Return From Exile       | 13. Prophets: Haggai                   |
| 4. The Preservation in Exile                 | 14. Prophets: Zechariah and Malachi    |
| 5. Quiz 2: The Preservation in Exile         | 15. Quiz 5: The Prophets of the Period |
| 6. Second Return From Exile: Under Ezra      | 16. Memory Verse Quiz                  |
| 7. The Reforms in Jerusalem                  | 17. Special Project                    |
| 8. Quiz 3: The Reforms in Jerusalem          | 18. Test: The Restoration              |
| 9. Third Return From Exile: Under Nehemiah   | 19. Alternate Test: The Restoration    |
| 10. Rebuilding the Walls of Jerusalem        | 20. Reference                          |

## BIBLE DOCTRINE

### COURSE OVERVIEW

Bible Doctrine provides a developmental and in-depth academic study of the teachings of the Old and New Testaments, focusing on important topics including the faithfulness of God; the doctrine of Christ; the nation of Israel; the history and integrity of the Bible; the pursuit of happiness; and friendship, dating, and marriage. There is also a special emphasis on the book of Romans. These areas target four content strands: theology, the attributes of God, Christian growth, and Christian evidences.

Upon completion of the course, students should be able to do the following:

- Explain the meaning of God's faithfulness to His people.
- Identify the key themes for understanding the book of Romans.
- Discuss the unique features of Christ's person and work.
- Describe the development and role of the nation of Israel.
- Describe the development of the Old and New Testaments into one book.
- Identify the essential components of successful relationships.
- Know how to avoid the failures of Solomon's pursuit of happiness.
- Answer critics concerning the truthfulness of the Bible.

<b>BIBLE DOCTRINE</b>	
<b>UNIT 1: THE FAITHFULNESS OF GOD</b>	
<b>Assignment Titles</b>	
1. Course Overview	11. The Work of the Faithful High Priest
2. The Affirmation of God's Faithfulness	12. Quiz 3: Manifestations of God's Faithfulness
3. The Declaration of God's Faithfulness	13. The Implications of God's Faithfulness
4. Essay: God's Faithfulness	14. The Responsibility of Faithfulness
5. Quiz 1: The Affirmation of God's Faithfulness	15. Quiz 4: Implications of God's Faithfulness
6. The Nature of God's Faithfulness	16. Special Project
7. The Contrasts to God's Faithfulness	17. Test
8. Quiz 2: The Nature of God's Faithfulness	18. Alternate Test
9. The Manifestations of God's Faithfulness	19. Reference
10. The Message of the Faithful Witness	

<b>BIBLE DOCTRINE</b>	
<b>UNIT 2: ROMANS PART I</b>	
<b>Assignment Titles</b>	
1. Roman Empire: Politics	9. Quiz 2: Paul's Epistle to the Romans
2. Roman Empire: Population	10. The Way According to Romans
3. The Roman Church	11. Salvation
4. The Book of Romans	12. Quiz 3: The Way According to Romans
5. Quiz 1: Historical Background Of The Roman Empire	13. Special Project
6. Paul's Epistle to the Romans	14. Test
7. State of Condemnation	15. Alternate Test
8. State of Justification	16. Reference

<b>BIBLE DOCTRINE</b>	
<b>UNIT 3: ROMANS PART II</b>	
<b>Assignment Titles</b>	
1. Children of Choice	9. From Sin to Salvation
2. Unrighteousness and the Gentiles	10. From Salvation to Sanctification
3. Quiz 1: Children of Choice	11. From Glory to Glory
4. Service	12. Quiz 3: Roman Victory
5. Submission	13. Special Project
6. Conduct	14. Test
7. Essay: Conduct	15. Alternate Test
8. Quiz 2: Principles In Practice	16. Reference

**BIBLE DOCTRINE**  
**UNIT 4: THE DOCTRINE OF JESUS CHRIST**

**Assignment Titles**

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| 1. The Deity of Jesus                 | 7. Essay: Christ's Ministry         |
| 2. The Names of Jesus                 | 8. Quiz 2: The Work of Jesus Christ |
| 3. The Incarnation of Jesus           | 9. Special Project                  |
| 4. Quiz 1: The Person of Jesus Christ | 10. Test                            |
| 5. The Work of Jesus                  | 11. Alternate Test                  |
| 6. After the Cross                    | 12. Reference                       |

**BIBLE DOCTRINE**  
**UNIT 5: THE NATION OF ISRAEL**

**Assignment Titles**

- |  |  |
|--|--|
| 1. The Abrahamic Covenant                        | 9. The Archaeological Discoveries (1)      |
| 2. God's Fulfillment (1)                         | 10. The Archaeological Discoveries (2)     |
| 3. God's Fulfillment (2)                         | 11. Quiz 3: The Archaeological Discoveries |
| 4. Quiz 1: The Abrahamic Covenant                | 12. Memory Verse Quiz                      |
| 5. The Significance of the Hebrew Nation (1)     | 13. Special Project                        |
| 6. The Significance of the Hebrew Nation (2)     | 14. Test                                   |
| 7. Spiritual Significance                        | 15. Alternate Test                         |
| 8. Quiz 2: The Significance of the Hebrew Nation | 16. Reference                              |

**BIBLE DOCTRINE**  
**UNIT 6: THE HISTORY OF THE CANON**

**Assignment Titles**

- |                                      |   |
|--------------------------------------|---|
| 1. The Doctrine of the Bible         | 10. Quiz 2: The Formation of the Bible        |
| 2. Inspiration                       | 11. The Recognition of the Scriptures         |
| 3. Authority                         | 12. Canonicity of the New Testament           |
| 4. Illumination and Interpretation   | 13. Quiz 3: The Recognition of the Scriptures |
| 5. Quiz 1: The Doctrine of the Bible | 14. Special Project                           |
| 6. The Formation of the Bible        | 15. Test                                      |
| 7. Formation of the Old Testament    | 16. Alternate Test                            |
| 8. Formation of the New Testament    | 17. Reference                                 |
| 9. Report: Inspiration               |   |

**BIBLE DOCTRINE**  
**UNIT 7: FRIENDSHIP, DATING, AND MARRIAGE**

**Assignment Titles**

- |                                       |   |
|---------------------------------------|---|
| 1. The Definition of Friendship       | 10. The Origin of Marriage                |
| 2. The Possibility for Friendship     | 11. What is Marriage?                     |
| 3. The Responsibilities in Friendship | 12. The Purpose and Structure of Marriage |
| 4. Report: Interview                  | 13. Quiz 3: Marriage                      |
| 5. Quiz 1: Friendship                 | 14. Special Project                       |
| 6. What is Dating?                    | 15. Test                                  |
| 7. Report: Dating Definition          | 16. Alternate Test                        |
| 8. The Challenges in Dating           | 17. Reference                             |
| 9. Quiz 2: Dating                     |   |

**BIBLE DOCTRINE**  
**UNIT 8: THE PURSUIT OF HAPPINESS**

**Assignment Titles**

- |                      |                    |
|----------------------|--------------------|
| 1. Reversion         | 7. Recovery        |
| 2. Solomon's Sin     | 8. Quiz 2: Results |
| 3. Quiz 1: Reversion | 9. Special Project |
| 4. Results (1)       | 10. Test           |
| 5. Results (2)       | 11. Alternate Test |
| 6. God's Solution    | 12. Reference      |

**BIBLE DOCTRINE  
UNIT 9: APOLOGETICS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Questions About the Integrity of the Bible         | 10. Interpretation and Application of the Bible             |
| 2. Scientific Accuracy                                | 11. Practice and Experience                                 |
| 3. Quiz 1: Questions About the Integrity of the Bible | 12. Quiz 3: The Interpretation and Application of the Bible |
| 4. Questions About the Doctrines of the Bible         | 13. Special Project   |
| 5. Miracles   | 14. Test  |
| 6. Creation; Evil; Divine Silence                     | 15. Alternate Test  |
| 7. Unevangelized People                               | 16. Reference   |
| 8. Essay: C.S. Lewis                                  |   |
| 9. Quiz 2: Questions About the Doctrines of the Bible |   |

**BIBLE DOCTRINE  
UNIT 10: REVIEW**

**Assignment Titles**

- |  |  |
|--|--|
| 1. The Means and Purpose of Revelation | 13. The Revelation of God in the Bible         |
| 2. Preparation of the Revelation       | 14. The Revelation of God's Righteousness      |
| 3. The Formation of the Bible          | 15. The Life of Christ                         |
| 4. Canonicity/ Findings of Archaeology | 16. Quiz 4: The Revelation of God in the Bible |
| 5. Report: Ebla Tablets                | 17. Principles for Christian Living            |
| 6. Quiz 1: The Uniqueness Of The Bible | 18. Principles for Spiritual Maturity          |
| 7. The Book of Romans (Part 1)         | 19. Quiz 5: Principles for Christian Living    |
| 8. The Book of Romans (Part 2)         | 20. Special Project                            |
| 9. Quiz 2: The Book of Romans          | 21. Test                                       |
| 10. The History of Israel (Part 1)     | 22. Alternate Test                             |
| 11. The History of Israel (Part 2)     | 23. Reference                                  |
| 12. Quiz 3: The History of Israel      |  |

## CHRISTIAN FAITH AND LIVING

### COURSE OVERVIEW

Christian Faith and Living applies what students have learned in their study of the teachings of the Old and New Testaments. The course focuses on personal Christian ministry, the nature of God, comparative religions, and the writings of James, John, David, Solomon, and Daniel. These areas target three content strands: the attributes of God, biblical literature, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the unique identity of a Christian.
- Pursue the various opportunities to serve as a Christian.
- Explain the Christian view of the Trinity.
- Identify the meaning of James' and John's letters.
- Describe the contents of the book of Daniel.
- Contrast Christianity with other religions of the world.
- Use God's wisdom to solve problems among today's youth.
- Identify the practical steps toward successful Christian living.

CHRISTIAN FAITH AND LIVING UNIT 1: KNOWING YOURSELF	
Assignment Titles	
1. Course Overview	15. Project: Backward Look
2. Knowing What You Are: God's Creation	16. Project: Inward Look
3. Your Unique Personality	17. Project: Forward Look
4. Your Interaction with Others	18. What to Look for in Vocational Skills
5. Quiz 1: Personality	19. Project: Work Values
6. Knowing Who You Are: A Child of God	20. Project: Motives
7. Project: Your Personal Testimony	21. Project: Vocational Interests
8. Project: Memorize Scripture	22. Project: Vocational Skills
9. A Servant of God	23. Quiz 3: Skills
10. Project: Channels of Communication	24. Special Project
11. Spiritual Gifts	25. Test
12. Knowing Your Spiritual Gifts	26. Alternate Test
13. Quiz 2: Gifts	27. Reference
14. How You Are Equipped: Personal Skills	

CHRISTIAN FAITH AND LIVING UNIT 2: CHRISTIAN MINISTRIES	
Assignment Titles	
1. Varieties of Ministry	11. Ministry vs. Career
2. The Two Modern Meanings	12. Project: Career
3. Project: Ministers	13. Project: Witness
4. Project: What is a Ministry?	14. Quiz 3: How A Christian Ministry Relates To A Career
5. Quiz 1: What A Christian Ministry Is	15. Special Project
6. Ministry Occupations	16. Test
7. Project: The Effect of Ministry	17. Alternate Test
8. Movements	18. Reference
9. Social Services, Media, and Support	
10. Quiz 2: How Christian Ministries Are Served	



**CHRISTIAN FAITH AND LIVING  
UNIT 3: CHOOSING A MINISTRY**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Gathering Information: Where to Look                            | 13. Project: Prayer List                                     |
| 2. Project: Career Search  | 14. Project: God's Will                                      |
| 3. What to Look For  | 15. Career Decisions: Human Responsibility                   |
| 4. Project: Priorities   | 16. Project: Roadblocks                                      |
| 5. Quiz 1: Gathering Information About Available Career/Ministries | 17. Project: Decision Making                                 |
| 6. Applying: Making Contacts/Writing a Resume                      | 18. Career Planning  |
| 7. Project: Applications   | 19. Quiz 3: Reaching A Conclusion About Your Career/Ministry |
| 8. Project: Resume   | 20. Special Project  |
| 9. Project: Cover Letter   | 21. Test   |
| 10. Interviewing and Candidating                                   | 22. Alternate Test   |
| 11. Quiz 2: Applying For A Prospective Career/Ministry             | 23. Reference  |
| 12. Reaching Conclusions: Divine Guidance                          |  |

**CHRISTIAN FAITH AND LIVING  
UNIT 4: GODHEAD**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Old Testament View of the Godhead          | 12. Project: Early Church Theologians              |
| 2. Names of God in the Old Testament          | 13. Essay: Historical Development                  |
| 3. Project: Yahweh                            | 14. Development of Christian Creeds                |
| 4. Project: Use of Names                      | 15. Project: Three Arguments                       |
| 5. Quiz 1: Old Testament View of the Godhead  | 16. Quiz 3: Historical Perspectives Of The Godhead |
| 6. New Testament View of the Godhead          | 17. Christian Faith in the Godhead                 |
| 7. Project: Developing Revelation             | 18. Quiz 4: Man's Relationship With The Godhead    |
| 8. The Godhead in John and Paul's Epistles    | 19. Special Project                                |
| 9. Project: Paul's View                       | 20. Test   |
| 10. Quiz 2: New Testament View of the Godhead | 21. Alternate Test                                 |
| 11. Origin of the Doctrine of the Godhead     | 22. Reference                                      |

**CHRISTIAN FAITH AND LIVING  
UNIT 5: THE ATTRIBUTES OF GOD: HOLINESS AND GOODNESS**

**Assignment Titles**

- |  |                                 |
|--|---------------------------------|
| 1. The Holiness of God: His Holy Person    | 10. In His Creation             |
| 2. Holiness of the Son and the Holy Spirit | 11. In the World and in Mankind |
| 3. Project: Power of the Holy Spirit       | 12. In His Salvation            |
| 4. God's Holy Place                        | 13. Project: Glory to God       |
| 5. God's Holy People                       | 14. Quiz 2: The Goodness of God |
| 6. Quiz 1: The Holiness of God             | 15. Special Project             |
| 7. The Goodness of God: In His Character   | 16. Test                        |
| 8. Goodness of the Son and the Holy Spirit | 17. Alternate Test              |
| 9. Project: Young Ruler                    | 18. Reference                   |

**CHRISTIAN FAITH AND LIVING  
UNIT 6: THE EPISTLES OF JAMES AND JOHN**

**Assignment Titles**

- |   |                                 |
|---|---------------------------------|
| 1. The Epistle of James: The Man            | 11. Fellowship with God         |
| 2. The Authenticity of James                | 12. Project: Healing Today      |
| 3. The Message: James                       | 13. The Message: Second John    |
| 4. Faith Versus Works                       | 14. The Message: Third John     |
| 5. Project: Wisdom                          | 15. Quiz 2: The Epistle of John |
| 6. Prayer, Lust, Money, and Healing         | 16. Special Project             |
| 7. Quiz 1: The Epistle of James             | 17. Test                        |
| 8. The Epistle of John: The Man             | 18. Alternate Test              |
| 9. The Authenticity of the Epistles of John | 19. Reference                   |
| 10. The Message: First John                 |                                 |

**CHRISTIAN FAITH AND LIVING  
UNIT 7: BIBLICAL LITERATURE (DANIEL)**

**Assignment Titles**

- |  |                                       |
|--|---------------------------------------|
| 1. Daniel's Influence for God: Man of Conviction | 11. The Seventy Sevens                |
| 2. Daniel's Godly Purpose                        | 12. Project: Interpretation           |
| 3. Project: Fiery Furnace                        | 13. The Mighty Kings                  |
| 4. Interpreter of Dreams                         | 14. Project: Daniel 11                |
| 5. Project: Belshazzar                           | 15. Quiz 2: Daniel's Visions from God |
| 6. Watchman of Prayer                            | 16. Special Project                   |
| 7. Quiz 1: Daniel's Influence for God            | 17. Test                              |
| 8. Daniel's Visions from God: The Four Beasts    | 18. Alternate Test                    |
| 9. The Ram and the He-Goat                       | 19. Reference                         |
| 10. Project: Antiochus Epiphanes                 |                                       |

**CHRISTIAN FAITH AND LIVING  
UNIT 8: COMPARATIVE RELIGIONS**

**Assignment Titles**

- |  |                                     |
|--|-------------------------------------|
| 1. Christianity: Basic Elements            | 12. Essay: Zoroastrianism           |
| 2. The Validity of the Christian Faith     | 13. Quiz 2: World Religions         |
| 3. Project: The Great Difference           | 14. The Occult: Spiritualism        |
| 4. Quiz 1: Systems Of Worship              | 15. Psychic Phenomena and Astrology |
| 5. World Religions: Buddhism               | 16. Project: Daniel                 |
| 6. Project: Christian Response to Buddhism | 17. Quiz 3: The Occult              |
| 7. Confucianism                            | 18. Special Project                 |
| 8. Hinduism                                | 19. Test                            |
| 9. Essay: Hinduism                         | 20. Alternate Test                  |
| 10. Islam                                  | 21. Reference                       |
| 11. Zoroastrianism                         |                                     |

**CHRISTIAN FAITH AND LIVING  
UNIT 9: WISDOM FOR TODAY'S YOUTH**

**Assignment Titles**

- |  |                                      |
|--|--------------------------------------|
| 1. The Life of David (1)                         | 12. Project: Tongue                  |
| 2. The Life of David (2)                         | 13. Quiz 2: Psalms and Proverbs      |
| 3. David's Character                             | 14. Literary Styles in the Bible     |
| 4. Essay: DAVID                                  | 15. Precognitions in the Bible       |
| 5. The Life of Solomon                           | 16. Problem Solving in the Bible     |
| 6. Solomon's Character                           | 17. Quiz 3: The Bible and Literature |
| 7. Quiz 1: David and Solomon                     | 18. Special Project                  |
| 8. Psalms and Proverbs: God's Cleansing, Comfort | 19. Test                             |
| 9. Project: Cleansing                            | 20. Alternate Test                   |
| 10. God's Presence, Sovereignty, Guidance        | 21. Reference                        |
| 11. Project: Psalms 139                          |                                      |

**CHRISTIAN FAITH AND LIVING  
UNIT 10: PRACTICAL CHRISTIAN LIVING**

**Assignment Titles**

- |  |   |
|--|---|
| 1. The Nature and Holiness of God              | 13. Scripture Study                           |
| 2. The Word, Salvation, Defense of the Faith   | 14. Quiz 2: Growing Toward Christian Maturity |
| 3. Project: Salvation                          | 15. Life Work and Ministry                    |
| 4. Quiz 1: Fundamentals Of The Christian Faith | 16. Values                                    |
| 5. Spiritual Gifts                             | 17. Spoken Testimony                          |
| 6. Project: Spiritual Gifts                    | 18. Project: Personal Testimony               |
| 7. Personality                                 | 19. Debate and Apologetics                    |
| 8. Project: Temptations                        | 20. Quiz 3: Influencing The World For Christ  |
| 9. Christlike Character and Conduct            | 21. Special Project                           |
| 10. Project: Moral Dilemma                     | 22. Test                                      |
| 11. Spiritual Development and Prayer           | 23. Alternate Test                            |
| 12. Project: Trials and Tribulations           | Reference                                     |

## HISTORY AND GEOGRAPHY

### HISTORY AND GEOGRAPHY 300

#### COURSE OVERVIEW

History and Geography 300 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. It focuses on different types of communities and their local industries, such as farming and fishing, placing special emphasis on a variety of manufacturers in Michigan. Additionally, the course presents a survey of several 19th and 20th century inventors and inventions. These areas of focus target three major content strands: Geography, History, and Economics.

Upon completion of the course, students should be able to do the following:

- Describe various types of farms and some of the tasks required in farming.
- Locate and describe different fishing communities in the United States and the types of fish found in each one.
- Describe how the process of mining has changed over the years and what types of minerals and ore are mined.
- Describe how the process of logging has changed over the years and the challenges faced by the logging community today.
- Identify significant manufacturing industries and specific companies with a presence in Michigan.
- Identify significant inventors, such as Samuel F. B. Morse, Alexander Graham Bell, and Thomas Edison, noting their accomplishments.
- Identify significant events and people in the history of space exploration.

Additionally, students will gain practice in report-writing and story-writing, covering topics like tall tales, manufacturers in Michigan, trips to space, and more.

HISTORY AND GEOGRAPHY 300 UNIT 1: FARM COMMUNITIES	
Assignment Titles	
1. Course Overview	11. Quiz 3
2. A Farming Community	12. Living on a Truck Farm
3. General Farms	13. The Work on a Truck Farm
4. Quiz 1	14. Quiz 4
5. Winter on a Farm	15. Special Project
6. Spring on a Farm	16. Review Game
7. Quiz 2	17. Test
8. Summer on a Farm	18. Alternate Test
9. Project: 4-H Report	19. Reference
10. Autumn on a Farm	

HISTORY AND GEOGRAPHY 300 UNIT 2: SPECIALIZED FARMS	
Assignment Titles	
1. Wheat and Grain Farms	9. An Orchard Community
2. Wheat Diseases and Difficulties	10. Apple Harvest Time
3. Quiz 1	11. Quiz 4
4. Corn Farms	12. Special Project
5. Soybean Farms	13. Review Game
6. Quiz 2	14. Test
7. Cotton Farms	15. Alternate Test
8. Quiz 3	16. Reference

**HISTORY AND GEOGRAPHY 300  
UNIT 3: ANIMAL FARMS**

**Assignment Titles**

- |                          |  |
|--------------------------|--|
| 1. Cattle Ranching       | 10. Quiz 2                               |
| 2. Round-Up Time         | 11. Poultry Farming-Chickens             |
| 3. Project: Exodus       | 12. Poultry Farming-Turkey, Ducks, Geese |
| 4. Project: Brands       | 13. Quiz 3                               |
| 5. Project: Cowboy Songs | 14. Special Project                      |
| 6. Project: Tall Tales   | 15. Review Game                          |
| 7. Trail Drive           | 16. Test                                 |
| 8. Quiz 1                | 17. Alternate Test                       |
| 9. Dairy Farming         | 18. Reference                            |

**HISTORY AND GEOGRAPHY 300  
UNIT 4: FISHING COMMUNITIES**

**Assignment Titles**

- |                            |                    |
|----------------------------|--------------------|
| 1. Northern Atlantic Coast | 7. Special Project |
| 2. Pacific Northwest Coast | 8. Review Game     |
| 3. Quiz 1                  | 9. Test            |
| 4. Gulf of Mexico          | 10. Alternate Test |
| 5. Great Lakes             | 11. Reference      |
| 6. Quiz 2                  |                    |

**HISTORY AND GEOGRAPHY 300  
UNIT 5: MINING COMMUNITIES**

**Assignment Titles**

- |                                     |                           |
|-------------------------------------|---------------------------|
| 1. Mining: Facts About Coal         | 8. Drilling for Petroleum |
| 2. Mining: Early Methods            | 9. Quiz 3                 |
| 3. Mining: Modern Methods           | 10. Special Project       |
| 4. Quiz 1                           | 11. Review Game           |
| 5. Mining: Iron Ore                 | 12. Test                  |
| 6. Mining: Gold, Silver, and Copper | 13. Alternate Test        |
| 7. Quiz 2                           | 14. Reference             |

**HISTORY AND GEOGRAPHY 300  
UNIT 6: LOGGING COMMUNITIES**

**Assignment Titles**

- |                          |                       |
|--------------------------|-----------------------|
| 1. Looking at Logging    | 9. Keeping the Forest |
| 2. Trees of the Forest   | 10. Quiz 3            |
| 3. Quiz 1                | 11. Special Project   |
| 4. A Logging Camp        | 12. Review Game       |
| 5. Project: Tall Tales   | 13. Test              |
| 6. Working in the Forest | 14. Alternate Test    |
| 7. Quiz 2                | 15. Reference         |
| 8. Work at the Sawmill   |                       |

**HISTORY AND GEOGRAPHY 300  
UNIT 7: MANUFACTURING COMMUNITIES**

**Assignment Titles**

- |                                   |                     |
|-----------------------------------|---------------------|
| 1. Introduction to Manufacturing  | 10. Furniture       |
| 2. Made in Michigan               | 11. Chemicals       |
| 3. Project: Made in Michigan      | 12. Quiz 3          |
| 4. Quiz 1                         | 13. Special Project |
| 5. Automobiles                    | 14. Review Game     |
| 6. Cereal                         | 15. Test            |
| 7. Project: Visit a Grocery Store | 16. Alternate Test  |
| 8. Project: Make Some Snacks      | 17. Reference       |
| 9. Quiz 2                         |                     |

**HISTORY AND GEOGRAPHY 300  
UNIT 8: TECHNOLOGY**

**Assignment Titles**

- |                                     |                     |
|-------------------------------------|---------------------|
| 1. The Telegraph                    | 8. The Television   |
| 2. The Telephone                    | 9. Quiz 3           |
| 3. Quiz 1                           | 10. Special Project |
| 4. The Electric Light               | 11. Review Game     |
| 5. Thomas Edison's Other Inventions | 12. Test            |
| 6. Quiz 2                           | 13. Alternate Test  |
| 7. The Radio                        | 14. Reference       |

**HISTORY AND GEOGRAPHY 300  
UNIT 9: SPACE**

**Assignment Titles**

- |                               |                                 |
|-------------------------------|---------------------------------|
| 1. A Space Community          | 10. The Space Shuttle           |
| 2. Two Special Places         | 11. Project: A Space Trip Story |
| 3. At the Space Center        | 12. A Space Station             |
| 4. Project: Space Center Jobs | 13. Quiz 3                      |
| 5. Quiz 1                     | 14. Special Project             |
| 6. Rockets in the Sky         | 15. Review Game                 |
| 7. Space Travelers            | 16. Test                        |
| 8. Trip to the Moon           | 17. Alternate Test              |
| 9. Quiz 2                     | 18. Reference                   |

**HISTORY AND GEOGRAPHY 300  
UNIT 10: COMMUNITIES IN REVIEW**

**Assignment Titles**

- |                        |                     |
|------------------------|---------------------|
| 1. Farming Communities | 9. Space            |
| 2. Animal Farms        | 10. Quiz 3          |
| 3. Quiz 1              | 11. Special Project |
| 4. Fishing             | 12. Review Game     |
| 5. Mining and Logging  | 13. Test            |
| 6. Quiz 2              | 14. Alternate Test  |
| 7. Manufacturing       | 15. Reference       |
| 8. Technology          |                     |

## HISTORY AND GEOGRAPHY 400

### COURSE OVERVIEW

History and Geography 400 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on World Geography, describing the surface of the Earth and its natural features (biomes). It also teaches about cultural distinctives, placing special emphasis on North American geography and culture. Then, expanding on instruction, it presents a survey of Earth and space explorations. These areas of focus target three major content strands: Geography, History, and Social Studies Skills.

Upon completion of the course, students should be able to:

- identify significant explorers, such as Prince Henry, Christopher Columbus, and Ferdinand Magellan, noting their accomplishments
- locate and describe different regions of the world, such as climactic and topographical regions
- understand the world in spatial terms (according to hemispheres and maps)
- locate and describe U.S. regions made up of various groups of states, such as New England and the plains states
- identify cultural and geographic differences between various biomes and countries that are covered in the course

<b>HISTORY AND GEOGRAPHY 400</b>	
<b>UNIT 1: OUR EARTH</b>	
<b>Assignment Titles</b>	
1. Course Overview	11. Recent Exploration of Earth-Part 1
2. Maps	12. Recent Exploration of Earth-Part 2
3. Oceans	13. Report: Space Flight
4. Continents	14. Report: Space Missions
5. Rivers and Lakes	15. Quiz 3
6. Quiz 1	16. Special Project
7. Early Exploration of Earth-Part 1	17. Review Game
8. Project: Spices	18. Test
9. Early Exploration of Earth-Part 2	19. Alternate Test
10. Quiz 2	20. Reference

<b>HISTORY AND GEOGRAPHY 400</b>	
<b>UNIT 2: SEAPORT CITIES</b>	
<b>Assignment Titles</b>	
1. Seaports	15. Turkish Culture
2. Project: Map Part 1	16. Quiz 3
3. Australia	17. London-Part 1
4. Sydney	18. Project: Map Part 3
5. Report: Animals	19. Project: Name the Parts
6. Project: Australian Flag	20. London-Part 2
7. Quiz 1	21. British Culture
8. Hong Kong-Part 1	22. Project: Map Part 4
9. Hong Kong-Part 2	23. Quiz 4
10. Chinese Culture	24. Special Project
11. Quiz 2	25. Review Game
12. Istanbul-Part 1	26. Test
13. Project: Map Part 2	27. Alternate Test
14. Istanbul-Part 2	28. Reference

**HISTORY AND GEOGRAPHY 400  
UNIT 3: DESERT LANDS**

**Assignment Titles**

- |                                      |                         |
|--------------------------------------|-------------------------|
| 1. What is a Desert?                 | 10. Project: Nomads     |
| 2. Life in the Desert                | 11. Modern Ways of Life |
| 3. Project: Plants and the Desert    | 12. Project: Inventions |
| 4. Project: Desert Animals           | 13. Quiz 3              |
| 5. Quiz 1                            | 14. Special Project     |
| 6. Northern Hemisphere Deserts       | 15. Review Game         |
| 7. Southern Hemisphere Deserts       | 16. Test                |
| 8. Quiz 2                            | 17. Alternate Test      |
| 9. How Do People Live in the Desert? | 18. Reference           |

**HISTORY AND GEOGRAPHY 400  
UNIT 4: GRASSLANDS**

**Assignment Titles**

- |                          |                      |
|--------------------------|----------------------|
| 1. Grasslands            | 11. Quiz 2           |
| 2. The Ukraine-Part 1    | 12. Argentina-Part 1 |
| 3. The Ukraine-Part 2    | 13. Argentina-Part 2 |
| 4. The Ukraine-Part 3    | 14. Argentina-Part 3 |
| 5. Quiz 1                | 15. Quiz 3           |
| 6. Kenya-Part 1          | 16. Special Project  |
| 7. Kenya-Part 2          | 17. Review Game      |
| 8. Kenya-Part 3          | 18. Test             |
| 9. Project: Kenya Safari | 19. Alternate Test   |
| 10. Kenya-Part 4         | 20. Reference        |

**HISTORY AND GEOGRAPHY 400  
UNIT 5: TROPICAL RAINFORESTS**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. Rainforests of the World              | 11. History of the Congo           |
| 2. Plants and Animals of the Rainforest  | 12. Report: The Livingstone Story  |
| 3. People and the Rainforest             | 13. People of the Congo Rainforest |
| 4. Report: Rainforest Plants and Animals | 14. Quiz 3                         |
| 5. Quiz 1                                | 15. Special Project                |
| 6. The Amazon                            | 16. Review Game                    |
| 7. History of Amazonia                   | 17. Test                           |
| 8. Amerindians of the Amazon             | 18. Alternate Test                 |
| 9. Quiz 2                                | 19. Reference                      |
| 10. The Congo Rainforest                 |                                    |

**HISTORY AND GEOGRAPHY 400  
UNIT 6: THE POLAR REGIONS**

**Assignment Titles**

- |                                 |                                |
|---------------------------------|--------------------------------|
| 1. The Polar Regions            | 10. The Antarctic Polar Region |
| 2. Ice and Icebergs             | 11. The Last Place on Earth    |
| 3. Quiz 1                       | 12. Report: Polar Explorer     |
| 4. Arctic Polar Region          | 13. Quiz 3                     |
| 5. Arctic Plant and Animal Life | 14. Special Project            |
| 6. Report: Arctic Animal        | 15. Review Game                |
| 7. Life in the Arctic           | 16. Test                       |
| 8. The Arctic Today             | 17. Alternate Test             |
| 9. Quiz 2                       | 18. Reference                  |

**HISTORY AND GEOGRAPHY 400  
UNIT 7: MOUNTAIN COUNTRIES**

**Assignment Titles**

- |                       |                             |
|-----------------------|-----------------------------|
| 1. Mountain Regions   | 10. Switzerland of the Alps |
| 2. The Andes and Peru | 11. Swiss History           |
| 3. Peru Today         | 12. Switzerland Today       |
| 4. Quiz 1             | 13. Quiz 3                  |
| 5. The Himalayas      | 14. Special Project         |
| 6. Nepal              | 15. Review Game             |
| 7. Nepalese History   | 16. Test                    |
| 8. Nepal Today        | 17. Alternate Test          |
| 9. Quiz 2             | 18. Reference               |

**HISTORY AND GEOGRAPHY 400**  
**UNIT 8: LIVING IN ISLAND COUNTRIES**

**Assignment Titles**

- |                         |                               |
|-------------------------|-------------------------------|
| 1. Islands of the World | 11. Japanese History          |
| 2. Cuba                 | 12. Life in Japan             |
| 3. Cuban History        | 13. Japanese Religion and Art |
| 4. Life in Cuba         | 14. Quiz 3                    |
| 5. Quiz 1               | 15. Special Project           |
| 6. Iceland              | 16. Review Game               |
| 7. History of Iceland   | 17. Test                      |
| 8. Icelandic Life       | 18. Alternate Test            |
| 9. Quiz 2               | 19. Reference                 |
| 10. Japan               |                               |

**HISTORY AND GEOGRAPHY 400**  
**UNIT 9: NORTH AMERICA**

**Assignment Titles**

- |                                    |                     |
|------------------------------------|---------------------|
| 1. Geography                       | 10. Mexico          |
| 2. Peninsulas, Oceans, and Islands | 11. Central America |
| 3. Climate, Resources, and Culture | 12. West Indies     |
| 4. Quiz 1                          | 13. Quiz 3          |
| 5. Greenland                       | 14. Special Project |
| 6. Canada                          | 15. Review Game     |
| 7. United States-Part 1            | 16. Test            |
| 8. United States-Part 2            | 17. Alternate Test  |
| 9. Quiz 2                          | 18. Reference       |

**HISTORY AND GEOGRAPHY 400**  
**UNIT 10: OUR WORLD IN REVIEW**

**Assignment Titles**

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| 1. Review of Geography               | 13. Review of Antarctica             |
| 2. Review of Exploration             | 14. Quiz 3                           |
| 3. Review of Europe                  | 15. Review of North America          |
| 4. Quiz 1                            | 16. Review of the United States      |
| 5. Review of Asia-Part 1             | 17. Review of the North Polar Region |
| 6. Review of Asia-Part 2             | 18. Quiz 4                           |
| 7. Review of Africa                  | 19. Special Project                  |
| 8. Quiz 2                            | 20. Review Game                      |
| 9. Review of Australia               | 21. Test                             |
| 10. Project: Investigate the Mystery | 22. Alternate Test                   |
| 11. Review of South America-Part 1   | 23. Reference                        |
| 12. Review of South America-Part 2   |                                      |



## HISTORY AND GEOGRAPHY 500

### COURSE OVERVIEW

History and Geography 500 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. It focuses on two major areas, American History and Geography. The course covers American History from early exploration through the Reconstruction, with special emphasis given to inventions and technology of the 19th and early 20th centuries, and geography of the Americas, with special emphasis on Mexico, Canada, and U.S. regional geography. These areas of focus target four major content strands: History, Geography, Government and Citizenship, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Identify significant explorers, such as Christopher Columbus, Francisco Coronado, Sir Francis Drake, Ferdinand Magellan, and Samuel de Champlain, noting their accomplishments.
- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution, and explain how these changes led to conflict among sections of the United States.
- Describe the causes and effects of the Civil War and its aftermath.
- Apply geographic tools, including maps, legends, and symbols.
- Locate and describe U.S. regions made up of various groups of states, such as New England and the Great Plains.

Additionally, students will gain practice in report-writing and story-writing, covering topics like proverbs, the Pledge of Allegiance, frontier life, inventions, and more.

<b>HISTORY AND GEOGRAPHY 500</b>	
<b>UNIT 1: EXPLORING THE NEW WORLD</b>	
<b>Assignment Titles</b>	
1. Course Overview	12. Project: Prayer of Thanksgiving
2. Exploration Tools	13. New England Colonies
3. Maps	14. Middle Colonies
4. Quiz 1	15. Southern Colonies
5. Viking and Portuguese Explorers	16. Quiz 3
6. Spanish Explorers	17. Special Project
7. English Explorers	18. Review Game
8. French Explorers	19. Test
9. Dutch Explorers	20. Alternate Test
10. Quiz 2	21. Reference
11. Early Settlements	

<b>HISTORY AND GEOGRAPHY 500</b>	
<b>UNIT 2: COLONIAL AMERICAN LIFE</b>	
<b>Assignment Titles</b>	
1. Life in New England Colonies	11. Project: Franklin Proverbs
2. Project: Family Tree	12. Quiz 2
3. New England Clothing and Schools	13. Life in the Southern Colonies
4. New England Crafts	14. Southern Activities and Worship
5. New England Worship and Activities	15. Quiz 3
6. Quiz 1	16. Special Project
7. Life in the Middle Colonies	17. Review Game
8. Benjamin Franklin: A Successful Man	18. Test
9. Benjamin Franklin: A Good Citizen	19. Alternate Test
10. Project: Bible Proverbs	20. Reference

**HISTORY AND GEOGRAPHY 500**  
**UNIT 3: THIRTEEN COLONIES BECOME A NEW NATION**

**Assignment Titles**

- |                             |                                   |
|-----------------------------|-----------------------------------|
| 1. A Search for Freedom     | 11. A New Nation                  |
| 2. Problems With England    | 12. Quiz 3                        |
| 3. Quiz 1                   | 13. Democracy                     |
| 4. War of Independence      | 14. Project: Pledge of Allegiance |
| 5. Project: Johnny Cakes    | 15. Quiz 4                        |
| 6. Independence Declared    | 16. Special Project               |
| 7. A Turning Point Reached  | 17. Review Game                   |
| 8. Essay: Revolutionary War | 18. Test                          |
| 9. Quiz 2                   | 19. Alternate Test                |
| 10. Victory Declared        | 20. Reference                     |

**HISTORY AND GEOGRAPHY 500**  
**UNIT 4: NEW LANDS AND TROUBLED TIMES**

**Assignment Titles**

- |                                      |  |
|--------------------------------------|--|
| 1. The Louisiana Purchase            | 12. Project: Living in the Frontier          |
| 2. Project: Colonies Map Activity    | 13. Quiz 2                                   |
| 3. The War of 1812                   | 14. Problems Between the North and the South |
| 4. Project: Star Spangled Banner     | 15. A Great Nation Divided by War            |
| 5. Expansion from Sea to Sea         | 16. The Aftermath of the Civil War           |
| 6. Project: Map of the United States | 17. Quiz 3                                   |
| 7. Project: America the Beautiful    | 18. Special Project                          |
| 8. Project: Current Event            | 19. Review Game                              |
| 9. Quiz 1                            | 20. Test                                     |
| 10. Life on the Frontier             | 21. Alternate Test                           |
| 11. Life on the New Frontier         | 22. Reference                                |

**HISTORY AND GEOGRAPHY 500**  
**UNIT 5: THE UNITED STATES BECOMES A WORLD LEADER**

**Assignment Titles**

- |                                 |                             |
|---------------------------------|-----------------------------|
| 1. Inventions and New Ideas     | 10. Report: Biography       |
| 2. Development of Power         | 11. Essay: Government Money |
| 3. Technological Advancements   | 12. Quiz 3                  |
| 4. Project: Conservation        | 13. Special Project         |
| 5. Quiz 1                       | 14. Review Game             |
| 6. Industrialization            | 15. Test                    |
| 7. Power Struggles              | 16. Alternate Test          |
| 8. Quiz 2                       | 17. Reference               |
| 9. Immigration and Urbanization |                             |

**HISTORY AND GEOGRAPHY 500**  
**UNIT 6: UNITED BY TRANSPORTATION AND COMMUNICATION**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Progress of Transportation in Early America | 12. Printed and Postal Communication        |
| 2. Land Transportation                         | 13. Electronic Communication                |
| 3. Water Transportation                        | 14. Project: Skit                           |
| 4. Quiz 1                                      | 15. Modern Communication and the Government |
| 5. Project: Family Travel                      | 16. Report: Invention                       |
| 6. Steamboat and Rail Transportation           | 17. Quiz 3                                  |
| 7. Project: Tom Thumb                          | 18. Special Project                         |
| 8. Progress of Transportation After 1800       | 19. Review Game                             |
| 9. Air Transportation                          | 20. Test                                    |
| 10. Quiz 2                                     | 21. Alternate Test                          |
| 11. Progress of Communication in America       | 22. Reference                               |

**HISTORY AND GEOGRAPHY 500**  
**UNIT 7: THE UNITED STATES - ONE NATION WITH MANY REGIONS**

**Assignment Titles**

- |                                 |  |
|---------------------------------|--|
| 1. The New England States       | 11. Quiz 2                             |
| 2. The Middle Atlantic States   | 12. Alaska                             |
| 3. The Southern States          | 13. Hawaii and U.S. Island Possessions |
| 4. Report: State                | 14. Quiz 3                             |
| 5. Quiz 1                       | 15. Special Project                    |
| 6. The Midwestern States-Part 1 | 16. Review Game                        |
| 7. The Midwestern States-Part 2 | 17. Test                               |
| 8. Project: Captain's Diary     | 18. Alternate Test                     |
| 9. Project: Atlas Work          | 19. Reference                          |
| 10. The Western States          |  |

**HISTORY AND GEOGRAPHY 500**  
**UNIT 8: OUR SOUTHERN NEIGHBORS**

**Assignment Titles**

- |   |                       |
|---|-----------------------|
| 1. Mexico: Contrasts in Geography           | 10. Quiz 2            |
| 2. Mexico: Contrasts in Cultures            | 11. Caribbean Islands |
| 3. Mexico: Contrasts in Daily Life          | 12. Quiz 3            |
| 4. Quiz 1                                   | 13. Special Project   |
| 5. Essay: Influence                         | 14. Review Game       |
| 6. Central America: Contrasts in Geography  | 15. Test              |
| 7. Report: Continental Divide               | 16. Alternate Test    |
| 8. Central America: Contrasts in Culture    | 17. Reference         |
| 9. Central America: Contrasts in Daily Life |                       |

**HISTORY AND GEOGRAPHY 500**  
**UNIT 9: CANADA - OUR NORTHERN NEIGHBOR**

**Assignment Titles**

- |   |                                |
|---|--------------------------------|
| 1. Giant of the North                   | 11. Spirit of Friendship       |
| 2. Mosaic of People                     | 12. Report: Hudson Bay Company |
| 3. Project: Inuits                      | 13. Government and Unity       |
| 4. Searchers of Gold, Glory, and Spices | 14. Provinces of Canada        |
| 5. Project: Play                        | 15. Quiz 3                     |
| 6. Quiz 1                               | 16. Special Project            |
| 7. Glory of New France                  | 17. Review Game                |
| 8. A Century of Trial                   | 18. Test                       |
| 9. Canadian Confederation               | 19. Alternate Test             |
| 10. Quiz 2                              | 20. Reference                  |

**HISTORY AND GEOGRAPHY 500**  
**UNIT 10: REVIEW**

**Assignment Titles**

- |   |  |
|---|--|
| 1. European Countries and Explorers             | 11. Quiz 3                                     |
| 2. New World Colonies-Part 1                    | 12. Mexico                                     |
| 3. New World Colonies-Part 2                    | 13. Central America, Caribbean Islands, Canada |
| 4. Quiz 1                                       | 14. Quiz 4                                     |
| 5. War for Independence                         | 15. Special Project                            |
| 6. Expansion and More War                       | 16. Review Game                                |
| 7. Quiz 2                                       | 17. Test                                       |
| 8. Industrialization, Immigration, Urbanization | 18. Alternate Test                             |
| 9. Communication and World Leadership           | 19. Reference                                  |
| 10. The United States                           |  |

## HISTORY AND GEOGRAPHY 600

### COURSE OVERVIEW

History and Geography 600 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on World History, with an emphasis on Western Europe. Specifically, it covers World History from ancient civilizations through the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand the world in spatial terms (according to hemispheres, latitude and longitude, maps, and time zones).
- Understand how cultures differ in each of the hemispheres studied.
- Understand Western civilization from its beginnings to the end of the Renaissance.
- Understand the significant religious, cultural, and scientific events in Europe during the Renaissance.
- Identify cultural and geographic differences between the South American countries studied.
- Identify cultural and geographic differences between the African countries studied.
- Identify key causes, events, and leaders of the two World Wars.
- Understand the history, culture, and politics of Eastern European countries.

Additionally, students will gain practice in report-writing, covering topics like North American geography, the Crusades, the influence of the Renaissance, the Industrial Revolution, and more.

<b>HISTORY AND GEOGRAPHY 600 UNIT 1: WORLD GEOGRAPHY</b>	
<b>Assignment Titles</b>	
1. Course Overview	13. Quiz 4
2. Latitude and Longitude	14. World Cultures - Part 1
3. Time Zones and Maps	15. Report: Latin America
4. Quiz 1	16. World Cultures - Part 2
5. Western Hemisphere: North America	17. World Cultures - Part 3
6. Project: North America	18. Quiz 5
7. Western Hemisphere: South America	19. Special Project
8. Quiz 2	20. Review Game
9. Eastern Hemisphere: Africa	21. Test
10. Eastern Hemisphere: Europe and Asia	22. Alternate Test
11. Quiz 3	23. Reference
12. Southern Hemisphere: Australia and Antarctica	

<b>HISTORY AND GEOGRAPHY 600 UNIT 2: THE CRADLE OF CIVILIZATION</b>	
<b>Assignment Titles</b>	
1. Mesopotamia: Fertile Crescent and Sumer	8. Egypt - The New Kingdom
2. Mesopotamia: Babylonia and Assyria	9. Quiz 3
3. Mesopotamia: Chaldea and Persia	10. Special Project
4. Quiz 1	11. Review Game
5. Israel	12. Test
6. Quiz 2	13. Alternate Test
7. Egypt - The Old Kingdom	14. Reference

**HISTORY AND GEOGRAPHY 600**  
**UNIT 3: THE CIVILIZATIONS OF GREECE AND ROME**

**Assignment Titles**

- |                               |   |
|-------------------------------|---|
| 1. The Civilization of Greece | 8. Rome: Christianity, Contributions, Decline |
| 2. Greece: City-States        | 9. Quiz 2                                     |
| 3. Greece: Wars               | 10. Special Project                           |
| 4. Greece: Contributions      | 11. Review Game                               |
| 5. Quiz 1                     | 12. Test                                      |
| 6. The Civilization of Rome   | 13. Alternate Test                            |
| 7. Rome: Power and Culture    | 14. Reference                                 |

**HISTORY AND GEOGRAPHY 600**  
**UNIT 4: LIFE IN THE MIDDLE AGES**

**Assignment Titles**

- |                       |                              |
|-----------------------|------------------------------|
| 1. The Feudal System  | 13. Project: Crusade Lessons |
| 2. Quiz 1             | 14. Quiz 5                   |
| 3. Daily Life         | 15. The Trade System         |
| 4. Project: The Poor  | 16. Quiz 6                   |
| 5. Project: Pollution | 17. The Cathedrals           |
| 6. Quiz 2             | 18. Quiz 7                   |
| 7. Books and Schools  | 19. Special Project          |
| 8. Project: Scribe    | 20. Review Game              |
| 9. Quiz 3             | 21. Test                     |
| 10. Islam             | 22. Alternate Test           |
| 11. Quiz 4            | 23. Reference                |
| 12. The Crusades      |                              |

**HISTORY AND GEOGRAPHY 600**  
**UNIT 5: WESTERN EUROPE**

**Assignment Titles**

- |   |                                 |
|---|---------------------------------|
| 1. The Renaissance: Awakening in Learning | 10. Report: World War I         |
| 2. Art, Architecture, and Exploration     | 11. Age of Unrest: World War II |
| 3. Religion and Other Fields              | 12. Quiz 3                      |
| 4. Essay: Renaissance Influence           | 13. Special Project             |
| 5. Quiz 1                                 | 14. Review Game                 |
| 6. The Industrial Revolution              | 15. Test                        |
| 7. Project: Industrial Revolution         | 16. Alternate Test              |
| 8. Quiz 2                                 | 17. Reference                   |
| 9. Age of Unrest: World War I             |                                 |

**HISTORY AND GEOGRAPHY 600**  
**UNIT 6: EASTERN EUROPE**

**Assignment Titles**

- |  |                            |
|--|----------------------------|
| 1. The Byzantine Empire                  | 9. Communism/The Space Age |
| 2. The Orthodox Church and Byzantine Art | 10. Report: Country        |
| 3. Quiz 1                                | 11. Quiz 3                 |
| 4. North and Central Countries           | 12. Special Project        |
| 5. Balkan Countries                      | 13. Review Game            |
| 6. Quiz 2                                | 14. Test                   |
| 7. Modern History: Communism             | 15. Alternate Test         |
| 8. Communism vs Democracy                | 16. Reference              |

**HISTORY AND GEOGRAPHY 600**  
**UNIT 7: AFRICA**

**Assignment Titles**

- |  |                               |
|--|-------------------------------|
| 1. Introduction and Northern Africa      | 9. Southern African Countries |
| 2. Northern Coastal and Inland Countries | 10. Quiz 3                    |
| 3. Essay: Peace                          | 11. Special Project           |
| 4. Essay: Treatment of Others            | 12. Review Game               |
| 5. Quiz 1                                | 13. Test                      |
| 6. Central Africa and Western Countries  | 14. Alternate Test            |
| 7. Equatorial Countries                  | 15. Reference                 |
| 8. Quiz 2                                |                               |

**HISTORY AND GEOGRAPHY 600**  
**UNIT 8: SIX SOUTH AMERICAN COUNTRIES**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Brazil: Geography                      | 12. Venezuela: History, Today, and Tomorrow |
| 2. Brazil: People and History             | 13. Report: Petroleum                       |
| 3. Brazil: Today and Tomorrow             | 14. Guyana, Suriname, and French Guiana     |
| 4. Report: Special Times                  | 15. Report: Guianas                         |
| 5. Report: Brazil                         | 16. Quiz 3                                  |
| 6. Quiz 1                                 | 17. Special Project                         |
| 7. Colombia: Geography and People         | 18. Review Game                             |
| 8. Colombia: History, Today, and Tomorrow | 19. Test                                    |
| 9. Report: A Child in Colombia            | 20. Alternate Test                          |
| 10. Quiz 2                                | 21. Reference                               |
| 11. Venezuela: Geography and People       |   |

**HISTORY AND GEOGRAPHY 600**  
**UNIT 9: SEVEN SOUTH AMERICAN COUNTRIES**

**Assignment Titles**

- |   |                      |
|---|----------------------|
| 1. Ecuador, Peru, and Bolivia: Geography            | 11. Report: Magellan |
| 2. Ecuador, Peru, and Bolivia: People and History   | 12. Chile            |
| 3. Ecuador, Peru, and Bolivia: Cities and Resources | 13. Report: Chile    |
| 4. Report: Cities                                   | 14. Quiz 3           |
| 5. Quiz 1   | 15. Special Project  |
| 6. Uruguay  | 16. Review Game      |
| 7. Paraguay   | 17. Test             |
| 8. Report: Paraguay and Uruguay                     | 18. Alternate Test   |
| 9. Quiz 2   | 19. Reference        |
| 10. Argentina                                       |                      |

**HISTORY AND GEOGRAPHY 600**  
**UNIT 10: DEVELOPMENT OF OUR WORLD**

**Assignment Titles**

- |   |                     |
|---|---------------------|
| 1. Cradle of Civilization: Mesopotamia      | 11. Quiz 3          |
| 2. Cradle of Civilization: Egypt and Israel | 12. Africa          |
| 3. Quiz 1                                   | 13. South America   |
| 4. Empire of Greece                         | 14. Quiz 4          |
| 5. Empire of Rome                           | 15. Special Project |
| 6. Dark Ages in the Middle Ages             | 16. Review Game     |
| 7. Quiz 2                                   | 17. Test            |
| 8. Western Europe                           | 18. Alternate Test  |
| 9. Age of Unrest                            | 19. Reference       |
| 10. Eastern Europe                          |                     |

## HISTORY AND GEOGRAPHY 700

### COURSE OVERVIEW

History and Geography 700 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course surveys the social sciences, covering history, geography, anthropology, sociology, economics, and political science. These areas of focus target all five major content strands: History, Geography, Government and Citizenship, Economics, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand the historical method.
- Understand the world in spatial terms (according to latitude and longitude, maps, time zones, and Daylight Saving Time).
- Locate and describe different topographical features of the world, such as plains, mountainous regions, rivers, and valleys.
- Locate and describe U.S. regions made up of various groups of states, such as the Northeast and the Midwest.
- Understand the meaning, methods, and goals of anthropology.
- Understand the meaning, methods, and goals of sociology.
- Understand the anthropology and sociology of the United States, especially of Native Americans.
- Know the characteristics of major economic systems—free enterprise and socialism—and the role that government plays in each one.
- Understand and describe contributions made to the area of political science by various political thinkers.
- Understand the structure and functions of American government and economics at the state level.

Additionally, students will gain practice in report-writing, covering topics like topographies of home states, underdeveloped nations, modern political issues, and more.

<b>HISTORY AND GEOGRAPHY 700 UNIT 1: WHAT IS HISTORY?</b>	
<b>Assignment Titles</b>	
1. Course Overview	9. Quiz 2
2. The Definition of History	10. Two Views of History
3. Significance: Contributions	11. Quiz 3
4. Significance: Unity and Continuity	12. Special Project
5. Significance: Conflicts	13. Test
6. Quiz 1	14. Alternate Test
7. Characteristics of Historians	15. Reference
8. The Historical Method	

<b>HISTORY AND GEOGRAPHY 700 UNIT 2: WHAT IS GEOGRAPHY?</b>	
<b>Assignment Titles</b>	
1. Classes of Geography	12. Quiz 2
2. Shape and Movement of the Earth	13. Types of Projections
3. Quiz 1	14. Places on Maps
4. Relief: Plains and Hills	15. Time Changes and Location
5. Relief: Mountains and Plateaus	16. Project: Local Map
6. Elevation	17. Quiz 3
7. Relief: Rivers, Valleys, Oceans, Seas	18. Special Project
8. Rivers	19. Test
9. The Journey West	20. Alternate Test
10. Essay: Geography Trip	21. Reference
11. Project: Landscape	

**HISTORY AND GEOGRAPHY 700  
UNIT 3: THE UNITED STATES**

**Assignment Titles**

- |                      |                           |
|----------------------|---------------------------|
| 1. Geography: Part 1 | 9. West                   |
| 2. Geography: Part 2 | 10. Project: My Own State |
| 3. Early History     | 11. Quiz 3                |
| 4. Quiz 1            | 12. Special Project       |
| 5. Northeast         | 13. Test                  |
| 6. South             | 14. Alternate Test        |
| 7. Quiz 2            | 15. Reference             |
| 8. Midwest           |                           |

**HISTORY AND GEOGRAPHY 700  
UNIT 4: ANTHROPOLOGY - THE STUDY OF MANKIND**

**Assignment Titles**

- |                                      |                        |
|--------------------------------------|------------------------|
| 1. Understanding Anthropology        | 9. Seeking Protection  |
| 2. Goals and Methods of Anthropology | 10. Seeking Prosperity |
| 3. Fieldwork                         | 11. Quiz 3             |
| 4. Quiz 1                            | 12. Special Project    |
| 5. Unity of Man                      | 13. Test               |
| 6. Diversity of Man                  | 14. Alternate Test     |
| 7. Quiz 2                            | 15. Reference          |
| 8. Seeking Food                      |                        |

**HISTORY AND GEOGRAPHY 700  
UNIT 5: SOCIOLOGY - MAN IN GROUPS**

**Assignment Titles**

- |                                      |                    |
|--------------------------------------|--------------------|
| 1. Introduction                      | 7. Quiz 2          |
| 2. Historical Development            | 8. Special Project |
| 3. Social Groups/ Cultural Influence | 9. Test            |
| 4. Social Behavior                   | 10. Alternate Test |
| 5. Quiz 1                            | 11. Reference      |
| 6. Methods                           |                    |

**HISTORY AND GEOGRAPHY 700  
UNIT 6: ANTHROPOLOGY AND SOCIOLOGY OF THE UNITED STATES**

**Assignment Titles**

- |   |                                    |
|---|------------------------------------|
| 1. Native Americans                         | 9. Quiz 2                          |
| 2. Northeastern/ Southern Tribes            | 10. United States as a Melting Pot |
| 3. Midwestern/ Western Tribes               | 11. Change in Society              |
| 4. Other Cultural Groups                    | 12. Quiz 3                         |
| 5. Essay: Native American Culture           | 13. Special Project                |
| 6. Quiz 1                                   | 14. Test                           |
| 7. Immigrants From Europe, Asia, and Africa | 15. Alternate Test                 |
| 8. Other Social Groups/ Religions           | 16. Reference                      |

**HISTORY AND GEOGRAPHY 700  
UNIT 7: ECONOMICS - RESOURCES AND NEEDS**

**Assignment Titles**

- |                                   |                             |
|-----------------------------------|-----------------------------|
| 1. Wants and Economic Systems     | 9. An Experiment in Economy |
| 2. Resources Available and Choice | 10. Essay: Economics        |
| 3. Report: Underdeveloped Country | 11. Quiz 3                  |
| 4. Quiz 1                         | 12. Special Project         |
| 5. Market Mechanism               | 13. Test                    |
| 6. Competition                    | 14. Alternate Test          |
| 7. Role of Government and Money   | 15. Reference               |
| 8. Quiz 2                         |                             |



**HISTORY AND GEOGRAPHY 700  
UNIT 8: POLITICAL SCIENCE**

**Assignment Titles**

- |  |                                      |
|--|--------------------------------------|
| 1. Areas of Political Science                    | 10. Theory, Practice, and Models     |
| 2. Ways of Knowing                               | 11. Essay: Western Political Thought |
| 3. Quiz 1  | 12. Essay: Political News            |
| 4. Contributions: Jewish and Greek Civilizations | 13. Quiz 3                           |
| 5. Essay: Greek Leader                           | 14. Special Project                  |
| 6. Contributions: Christianity                   | 15. Test                             |
| 7. Report: Roman Leader                          | 16. Alternate Test                   |
| 8. Quiz 2  | 17. Reference                        |
| 9. Modern Political Thinkers                     |                                      |

**HISTORY AND GEOGRAPHY 700  
UNIT 9: ECONOMICS AND POLITICS OF A STATE**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. State Government                    | 9. Politics: Political Parties     |
| 2. Structure: Legislative              | 10. Politics: Viewpoints and Power |
| 3. Structure: Executive and Judicial   | 11. Quiz 3                         |
| 4. Quiz 1                              | 12. Special Project                |
| 5. State Finance: Spending and Taxing  | 13. Test                           |
| 6. State Finance: Taxing and Borrowing | 14. Alternate Test                 |
| 7. Essay: Christian/Government         | 15. Reference                      |
| 8. Quiz 2                              |                                    |

**HISTORY AND GEOGRAPHY 700  
UNIT 10: SOCIAL SCIENCES REVIEW**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Meaning of History/ Historical Method   | 11. Quiz 2                              |
| 2. Geography of the Earth                  | 12. The Discipline of Economics         |
| 3. Geography and Early History of the U.S. | 13. The Discipline of Political Science |
| 4. Quiz 1                                  | 14. The State                           |
| 5. Anthropology                            | 15. Quiz 3                              |
| 6. Sociology                               | 16. Special Project                     |
| 7. The Nature of Man                       | 17. Test                                |
| 8. The Culture of Man                      | 18. Alternate Test                      |
| 9. Cultural Groups of the United States    | 19. Reference                           |
| 10. Immigrants and Social Change           |   |

## HISTORY AND GEOGRAPHY 800

### COURSE OVERVIEW

History and Geography 800 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on American History, covering the subject from early exploration through the present day, with special emphasis given to the Civil War and to inventions and technology of the 19th and early 20th centuries. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Upon completion of the course, students should be able to do the following:

- Identify significant explorers, such as Christopher Columbus, Francisco Coronado, Sir Francis Drake, Ferdinand Magellan, Henry Hudson, Jacques Cartier, and Samuel de Champlain, noting their accomplishments..
- Understand how conflict between the American colonies and Great Britain led to American independence
- Understand political, economic, and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution, and explain how these changes led to:
  - movement into the western frontier, and
  - conflict among sections of the United States.
- Describe the causes and effects of the Civil War and its aftermath.
- Describe the causes and effects of both World Wars.
- Understand some of the key challenges facing American society in the late 20th and early 21st centuries.

Additionally, students will gain practice in report-writing, covering topics like the thirteen colonies, the U.S. Constitution, the Civil War, inventors, and more.

<b>HISTORY AND GEOGRAPHY 800</b>	
<b>UNIT 1: EUROPEAN BACKGROUNDS</b>	
<b>Assignment Titles</b>	
1. Course Overview	10. The Dutch Claim New Land
2. Civilization Awakens From Darkness	11. French Trading Interests
3. Exploration Catches Fire	12. Report: New World Explorers
4. Quiz 1	13. Quiz 3
5. Spain Launches Forth	14. Special Project
6. The East Meets the West	15. Test
7. Spain's Treasure Hunt	16. Alternate Test
8. Quiz 2	17. Reference
9. Spain's Rivals: English and Dutch Efforts	

<b>HISTORY AND GEOGRAPHY 800</b>	
<b>UNIT 2: THE COLONIZATION OF AMERICA</b>	
<b>Assignment Titles</b>	
1. Competition for Colonial Control	12. Development of Colonial Lifestyles
2. New France's Southward Expansion	13. Life in a Puritan Community
3. English Face Unknown Horizons	14. Middle Bread Colonies
4. Dutch Trading Interests	15. Mid-Atlantic Lifestyles
5. Quiz 1	16. Southern Plantations
6. British Colonies: Jamestown	17. Plantation Living
7. New England Colonies	18. Quiz 3
8. Middle and Southern Colonies	19. Special Project
9. Colonial Governments	20. Test
10. Report: Original Thirteen Colonies	21. Alternate Test
11. Quiz 2	22. Reference

**HISTORY AND GEOGRAPHY 800  
UNIT 3: WAR FOR INDEPENDENCE**

**Assignment Titles**

- |                                |   |
|--------------------------------|---|
| 1. England's Colonial Politics | 11. Progress of the War                   |
| 2. Discontent of the Indians   | 12. The Turning Point                     |
| 3. British Economy             | 13. Other Campaigns                       |
| 4. Acts of Dismay              | 14. Yorktown and the Treaty of Paris 1783 |
| 5. Colonial Resistance         | 15. Report: Battle of Saratoga            |
| 6. Quiz 1                      | 16. Quiz 3                                |
| 7. Continental Congress        | 17. Special Project                       |
| 8. Battles Which Led to War    | 18. Test                                  |
| 9. Declaration of Independence | 19. Alternate Test                        |
| 10. Quiz 2                     | 20. Reference                             |

**HISTORY AND GEOGRAPHY 800  
UNIT 4: THE EMERGENCE OF A NATION**

**Assignment Titles**

- |   |                                      |
|---|--------------------------------------|
| 1. Thirteen Colonies Become a Free Nation               | 10. Quiz 2                           |
| 2. Report: Americans Working for Rights Today           | 11. The Growing Nation               |
| 3. The Second Continental Congress                      | 12. Formation of Political Parties   |
| 4. Quiz 1   | 13. The Nation Suffers Growing Pains |
| 5. Establishing a Government                            | 14. Americans Move Westward          |
| 6. Report: The Articles of Confederation                | 15. Quiz 3                           |
| 7. The Constitutional Convention                        | 16. Special Project H804D            |
| 8. The United States Constitution                       | 17. Test                             |
| 9. Report: Declaration of Independence and Constitution | 18. Alternate Test                   |
|   | 19. Reference                        |

**HISTORY AND GEOGRAPHY 800  
UNIT 5: THE WESTWARD MOVEMENT**

**Assignment Titles**

- |   |                                  |
|---|----------------------------------|
| 1. Industrial Revolution in the North                   | 12. Quiz 2                       |
| 2. Improved Transportation Systems                      | 13. Development of Western Lands |
| 3. Erie Canal and Railroads                             | 14. Texas Revolt                 |
| 4. Improved Communication Systems                       | 15. The Oregon Question          |
| 5. The Effect of the Industrial Revolution in the South | 16. Mexican War                  |
| 6. Report: American Inventors                           | 17. California Gold Rush         |
| 7. Quiz 1   | 18. Quiz 3                       |
| 8. Development of Sectional Rivalries                   | 19. Special Project              |
| 9. Missouri Compromise and the Election of 1824         | 20. Test                         |
| 10. The Jacksonian Presidency                           | 21. Alternate Test               |
| 11. Jacksonian Policies                                 | 22. Reference                    |

**HISTORY AND GEOGRAPHY 800  
UNIT 6: THE CIVIL WAR**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Causes of the Civil War               | 13. Report: Civil War Report               |
| 2. The Institution of Slavery            | 14. Quiz 2                                 |
| 3. Slavery Becomes an Issue              | 15. Reconstruction                         |
| 4. Continued Problems with Slavery       | 16. Johnson Versus Republican Radicals     |
| 5. Events Leading to Secession and War   | 17. Radical Reconstruction                 |
| 6. Essay: Causes of the Civil War        | 18. Report: Reconstruction and Its Effects |
| 7. Quiz 1                                | 19. Quiz 3                                 |
| 8. Preparation for War: The First Battle | 20. Special Project                        |
| 9. War Develops in the West              | 21. Test                                   |
| 10. Gettysburg and Vicksburg             | 22. Alternate Test                         |
| 11. The Last Campaigns                   | 23. Reference                              |
| 12. The Emancipation Proclamation        |  |

**HISTORY AND GEOGRAPHY 800  
UNIT 7: THE INDUSTRIAL NATION**

**Assignment Titles**

- |   |   |
|---|---|
| 1. European Background of Industry                                | 11. Quiz 2  |
| 2. Beginnings of Industry in England                              | 12. Influence of Industry: Growth of Corporations     |
| 3. Industry in the Colonies                                       | 13. Labor Practices: The Advent of Unions             |
| 4. Industry in the New Nation                                     | 14. Essay: Workers and Employers                      |
| 5. Quiz 1   | 15. Crisis of the Individual                          |
| 6. Early Industry in the United States                            | 16. Report: Achievements of the Industrial Revolution |
| 7. War's Contribution to Industry                                 | 17. Quiz 3  |
| 8. Later Industrial Achievements                                  | 18. Special Project                                   |
| 9. Further Achievements: Power, Transportation, and Communication | 19. Test  |
| 10. Report: Inventors and Inventions                              | 20. Alternate Test                                    |
|   | 21. Reference   |

**HISTORY AND GEOGRAPHY 800  
UNIT 8: TWENTIETH CENTURY WORLD POWER**

**Assignment Titles**

- |                                  |  |
|----------------------------------|--|
| 1. Overseas Expansion            | 11. Search for Peace                   |
| 2. Spanish-American War          | 12. Regaining Normalcy                 |
| 3. World Awareness               | 13. A Deceptive Prosperity             |
| 4. Panama Canal                  | 14. Gradual Recovery                   |
| 5. Quiz 1                        | 15. Report: Presidents and World War I |
| 6. Causes of the First World War | 16. Quiz 3                             |
| 7. Military Movements            | 17. Special Project                    |
| 8. War on the Continent          | 18. Test                               |
| 9. Cost of Conflict              | 19. Alternate Test                     |
| 10. Quiz 2                       | 20. Reference                          |

**HISTORY AND GEOGRAPHY 800  
UNIT 9: THE UNITED STATES IN A CHANGING WORLD**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Between the Wars: New Threats Emerge | 13. Reagan, Bush, and Clinton                     |
| 2. World War II Begins                  | 14. The United States in the Twenty-First Century |
| 3. The United States Enters the War     | 15. Quiz 3  |
| 4. Allied Victory                       | 16. Challenges Today: Technology                  |
| 5. Quiz 1                               | 17. Challenges Today: Society                     |
| 6. Allied Military Occupation           | 18. Challenges Today: Religion                    |
| 7. Cold War in Europe                   | 19. Quiz 4  |
| 8. Hot War in Asia                      | 20. Special Project                               |
| 9. Trouble Spots Around the World       | 21. Test  |
| 10. Quiz 2                              | 22. Alternate Test                                |
| 11. Vietnam                             | 23. Reference                                     |
| 12. Nixon, Ford, and Carter             |   |

**HISTORY AND GEOGRAPHY 800  
UNIT 10: AMERICAN HISTORY REVIEW**

**Assignment Titles**

- |                                       |   |
|---------------------------------------|---|
| 1. America's European Background      | 12. The United States as a World Power  |
| 2. American Colonization              | 13. World War I                         |
| 3. American Revolution                | 14. Normalcy and Depression             |
| 4. Quiz 1                             | 15. World War II                        |
| 5. Establishment of Government        | 16. The United Nations and the Cold War |
| 6. The Growth of the United States    | 17. Quiz 3                              |
| 7. Development of Sectional Rivalries | 18. Special Project                     |
| 8. Settlement of Western Lands        | 19. Test                                |
| 9. Civil War and Reconstruction       | 20. Alternate Test                      |
| 10. Quiz 2                            | 21. Reference                           |
| 11. A Changing Nation                 |   |

## WORLD GEOGRAPHY

### COURSE OVERVIEW

World Geography takes students on a journey around the world in which they will learn about the physical and human geography of various regions. They will study the history of each region and examine the political, economic, and cultural characteristics of the world in which we live. Students will also learn about the tools and technologies of geography such as globes, maps, charts, and global information systems.

Upon completion of the course, students should be able to do the following:

- Select and use geographic tools to get information and make predictions.
- Compare places based upon their similarities and differences.
- Identify geographic factors that influenced historic events.
- Evaluate the interrelatedness and interdependence of physical and human systems and their impact on our earth.
- Analyze the role played by culture in the spatial organization of the earth.
- Define the key geographic concerns facing the world and strategize methods to deal with these issues in the future.

Students will also gain practice in writing and note-taking. They will be asked to create graphic organizers, conduct research, analyze information, and write essays on topics such as current events, energy resources, national parks, and more.

<b>WORLD GEOGRAPHY</b>	
<b>UNIT 1: INTRODUCTION TO GEOGRAPHY</b>	
<b>Assignment Titles</b>	
1. Course Overview	13. Physical Processes: The Atmosphere and the Hydrosphere
2. What Is Geography?	14. Physical Processes: The Lithosphere and the Biosphere
3. Project: Note It!	15. Ecosystems
4. Geographic Tools: Globes and Maps	16. Project: Map It!
5. Geographic Tools: Graphs, Charts, and More	17. Quiz 3: Our Earth
6. Quiz 1: Introduction to Geography	18. Special Project
7. Geographic Themes: Location and Place	19. Review
8. Geographic Themes: Human-Environmental Interaction and Movement	20. Test
9. Geographic Themes: Regions	21. Alternate Test
10. Project: Summarize It!	22. Glossary and Credits
11. Quiz 2: Geographic Themes	
12. Physical Characteristics	

<b>WORLD GEOGRAPHY</b>	
<b>UNIT 2: HUMAN GEOGRAPHY</b>	
<b>Assignment Titles</b>	
1. Where People Live	10. Historical Perspectives
2. Settlement and Movement	11. Project: Analyze It!
3. Quiz 1: Where We Live	12. Quiz 3: Interactions
4. Cultural Mosaics	13. Special Project
5. Economics	14. Review
6. Conflict and Cooperation	15. Test
7. Quiz 2: Why Do People Live Where They Do?	16. Alternate Test
8. Humans and Their Environment: Part 1	17. Glossary and Credits
9. Humans and Their Environment: Part 2	

**WORLD GEOGRAPHY**  
**UNIT 3: NORTH AMERICA**

**Assignment Titles**

- |   |                               |
|---|-------------------------------|
| 1. North America in Spatial Terms                 | 11. Environment and Society   |
| 2. The United States: The Northeast and the South | 12. Historical Perspectives   |
| 3. The United States: The Midwest and the West    | 13. Project: Analyze It!      |
| 4. Canada and Greenland                           | 14. Quiz 3: Uses of Geography |
| 5. Mexico   | 15. Special Project           |
| 6. Quiz 1: Physical Geography                     | 16. Review                    |
| 7. Settlement and Movement                        | 17. Test                      |
| 8. Culture  | 18. Alternate Test            |
| 9. Economics and Politics                         | 19. Glossary and Credits      |
| 10. Quiz 2: Human Geography                       |                               |

**WORLD GEOGRAPHY**  
**UNIT 4: CENTRAL AMERICA, SOUTH AMERICA, AND THE CARIBBEAN**

**Assignment Titles**

- |                               |                               |
|-------------------------------|-------------------------------|
| 1. Central America            | 10. Historical Perspectives   |
| 2. South America              | 11. Project: Consider It!     |
| 3. The Caribbean              | 12. Looking Ahead             |
| 4. Quiz 1: Physical Geography | 13. Quiz 3: Uses of Geography |
| 5. Settlement and Movement    | 14. Special Project           |
| 6. Culture                    | 15. Review                    |
| 7. Economics and Politics     | 16. Test                      |
| 8. Quiz 2: Human Geography    | 17. Alternate Test            |
| 9. Environment and Society    | 18. Glossary and Credits      |

**WORLD GEOGRAPHY**  
**UNIT 5: OCEANIA, AUSTRALASIA, AND ANTARCTICA**

**Assignment Titles**

- |  |                               |
|--|-------------------------------|
| 1. Oceania, Australasia, and Antarctica in Spatial Terms | 10. Environment and Society   |
| 2. Micronesia, Melanesia, and Polynesia                  | 11. Historical Perspectives   |
| 3. Australia and New Zealand                             | 12. Project: Analyze It!      |
| 4. Antarctica  | 13. Quiz 3: Uses of Geography |
| 5. Quiz 1: Physical Geography                            | 14. Special Project           |
| 6. Settlement and Movement                               | 15. Review                    |
| 7. Culture   | 16. Test                      |
| 8. Economics and Politics                                | 17. Alternate Test            |
| 9. Quiz 2: Human Geography                               | 18. Glossary and Credits      |

**WORLD GEOGRAPHY**  
**UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                           |
|-----------|---------------------------|
| 1. Review | 3. Alternate Exam: Form A |
| 2. Exam   | 4. Alternate Exam: Form B |

**WORLD GEOGRAPHY**  
**UNIT 7: WESTERN EUROPE**

**Assignment Titles**

- |                               |                               |
|-------------------------------|-------------------------------|
| 1. Northern Region            | 10. Environment and Society   |
| 2. Western Central Region     | 11. Historical Perspectives   |
| 3. Southern Region            | 12. Quiz 3: Uses of Geography |
| 4. Quiz 1: Physical Geography | 13. Special Project           |
| 5. Settlement and Movement    | 14. Review                    |
| 6. Culture                    | 15. Test                      |
| 7. Economics and Politics     | 16. Alternate Test            |
| 8. Project: Chart It!         | 17. Glossary and Credits      |
| 9. Quiz 2: Human Geography    |                               |

**WORLD GEOGRAPHY**  
**UNIT 8: EASTERN EUROPE AND RUSSIA**

**Assignment Titles**

- |                               |                               |
|-------------------------------|-------------------------------|
| 1. Central Region             | 10. Historical Perspectives   |
| 2. Balkan Region              | 11. Project: Report It!       |
| 3. Eastern Region             | 12. Quiz 3: Uses of Geography |
| 4. Quiz 1: Physical Geography | 13. Special Project           |
| 5. Settlement and Movement    | 14. Review                    |
| 6. Culture                    | 15. Test                      |
| 7. Economics and Politics     | 16. Alternate Test            |
| 8. Quiz 2: Human Geography    | 17. Glossary and Credits      |
| 9. Environment and Society    |                               |

**WORLD GEOGRAPHY**  
**UNIT 9: SUB-SAHARAN AFRICA**

**Assignment Titles**

- |  |                               |
|--|-------------------------------|
| 1. Sub-Saharan Africa in Spatial Terms | 10. Historical Perspectives   |
| 2. West and Central Africa             | 11. Quiz 3: Uses of Geography |
| 3. East and Southern Africa            | 12. Project: Solve It!        |
| 4. Quiz 1: Physical Geography          | 13. Special Project           |
| 5. Settlement and Movement             | 14. Review                    |
| 6. Culture                             | 15. Test                      |
| 7. Economics and Politics              | 16. Alternate Test            |
| 8. Quiz 2: Human Geography             | 17. Glossary and Credits      |
| 9. Environment and Society             |                               |

**WORLD GEOGRAPHY**  
**UNIT 10: NORTH AFRICA AND SOUTHWEST ASIA**

**Assignment Titles**

- |  |                               |
|--|-------------------------------|
| 1. North Africa                          | 10. Historical Perspectives   |
| 2. Southwest Asia: The Middle East       | 11. Project: Evaluate It!     |
| 3. Southwest Asia: The Arabian Peninsula | 12. Quiz 3: Uses of Geography |
| 4. Quiz 1: Physical Geography            | 13. Special Project           |
| 5. Settlement and Movement               | 14. Review                    |
| 6. Culture                               | 15. Test                      |
| 7. Economics and Politics                | 16. Alternate Test            |
| 8. Quiz 2: Human Geography               | 17. Glossary and Credits      |
| 9. Environment and Society               |                               |

**WORLD GEOGRAPHY**  
**UNIT 11: CENTRAL, SOUTH, EAST, AND SOUTHEAST ASIA**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Central Asia                                      | 11. Environment: South and Southeast Asia |
| 2. South Asia  | 12. Environment: East Asia                |
| 3. East Asia   | 13. Project: Analyze It!                  |
| 4. Southeast Asia                                    | 14. Quiz 3: Uses of Geography             |
| 5. Quiz 1: Physical Geography                        | 15. Special Project                       |
| 6. Historical Perspectives: South and Southeast Asia | 16. Review                                |
| 7. Historical Perspectives: East Asia                | 17. Test                                  |
| 8. Culture   | 18. Alternate Test                        |
| 9. Quiz 2: Human Geography                           | 19. Glossary and Credits                  |
| 10. Economics and Politics                           |   |

**WORLD GEOGRAPHY**  
**UNIT 12: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                           |
|-----------|---------------------------|
| 1. Review | 3. Alternate Exam: Form A |
| 2. Exam   | 4. Alternate Exam: Form B |

**WORLD GEOGRAPHY**  
**UNIT 13: FINAL EXAM**

**Assignment Titles**

- |                           |                           |
|---------------------------|---------------------------|
| 1. Exam                   | 3. Alternate Exam: Form B |
| 2. Alternate Exam: Form A |                           |

## WORLD HISTORY

### COURSE OVERVIEW

World History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. With an emphasis on Western Europe, the course surveys ancient civilizations to the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand Western civilization from its beginnings to the present day.
- Understand the significant political and economic transformations and significant cultural and scientific events in Europe during the Renaissance.
- Understand significant religious and societal issues from the Renaissance through the Reformation.
- Understand the significant social and political developments in Europe and America brought on by the English, American, and French Revolutions.
- Understand the effects of the Industrial Revolution.
- Analyze major historical and political events of the 20th century, including the two World Wars, the Cold War, and the Vietnam War.

Additionally, students will gain practice in report-writing, covering topics like the rise of Christianity, the U.S. Constitution, communism versus free enterprise, the United Nations, and more.

WORLD HISTORY UNIT 1: ANCIENT CIVILIZATIONS I	
Assignment Titles	
1. Course Overview	12. Babylonian and Assyrian Civilization
2. Elements of Civilization	13. Assyrian History
3. Origin of Man	14. Neo-Babylonian Empire
4. Fall of Man and Flood From God	15. Quiz 3: Assyrian and Babylonian Civilizations
5. Origin of Civilization	16. Persian Civilization
6. Origin of Nations	17. Quiz 4: Ancient Civilizations
7. Quiz 1: Meaning and Origin of Civilization	18. Special Project
8. Early Egyptian Geography and History	19. Test: Ancient Civilizations I
9. Early Egyptian Empire	20. Alternate Test: Ancient Civilizations I
10. Early Egyptian Civilization	21. Glossary and Credits
11. Quiz 2: Early Egyptian Civilization	

WORLD HISTORY UNIT 2: ANCIENT CIVILIZATIONS II	
Assignment Titles	
1. The Eastern World: India	11. Rome: The Empire
2. The Eastern World: China	12. Rome: Decline of the Empire
3. Quiz 1: India and China	13. Christianity and the Roman Empire
4. Greece: Geography and History	14. Report: The Rise of Christianity
5. Greece: Dark Ages	15. Quiz 3: The Roman Empire
6. Greece: 550-405 B.C.	16. Special Project
7. Greece: 359-31 B.C.	17. Test: Ancient Civilizations II
8. Greece: Culture	18. Alternate Test: Ancient Civilizations II
9. Quiz 2: The Greek Civilization	19. Glossary and Credits
10. Rome: Pre-Republic and Republic	



**WORLD HISTORY**  
**UNIT 3: THE MEDIEVAL WORLD**

**Assignment Titles**

- |   |  |
|---|--|
| 1. The Middle Ages: An Introduction                         | 8. High Middle Ages: Monarchies and the Church                   |
| 2. Early Middle Ages  | 9. High Middle Ages: The Byzantine Empire and Other World Powers |
| 3. Quiz 1: The Early Middle Ages                            | 10. Quiz 3: The High Middle Ages                                 |
| 4. Transition: The Continent and New Invasions              | 11. Special Project  |
| 5. Transition: England, the Church, and the Growth of Islam | 12. Test: The Medieval World                                     |
| 6. Quiz 2: The Middle Ages in Transition                    | 13. Alternate Test: The Medieval World                           |
| 7. High Middle Ages: Setting                                | 14. Glossary and Credits   |

**WORLD HISTORY**  
**UNIT 4: RENAISSANCE AND REFORMATION**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Renaissance Government: France and England         | 9. England: Henry VIII and Edward VI            |
| 2. Renaissance Government: Italy and Spain            | 10. England: Mary I and Elizabeth I             |
| 3. Developments in Art                                | 11. Reform Within the Catholic Church           |
| 4. Changes in Literature and Thought                  | 12. Wars of Religion                            |
| 5. Advances in Science                                | 13. Quiz 2: The Reformation                     |
| 6. Quiz 1: The Renaissance                            | 14. Special Project                             |
| 7. The Reformation: Wycliffe, Huss, and Luther        | 15. Test: Renaissance and Reformation           |
| 8. The Reformation: Zwingli, Grebel, Calvin, and Knox | 16. Alternate Test: Renaissance and Reformation |
|   | 17. Glossary and Credits                        |

**WORLD HISTORY**  
**UNIT 5: GROWTH OF WORLD EMPIRES**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Absolutism in England: 16-17th Centuries | 11. Austria, Germany, and Italy                             |
| 2. Absolutism in England: 17th Century      | 12. Report: Prussia   |
| 3. Absolutism in France                     | 13. The Ottoman Empire                                      |
| 4. Report: Versailles                       | 14. Quiz 3: Austria, Germany, Italy, and the Ottoman Empire |
| 5. English Mercantilism                     | 15. Special Project   |
| 6. French Mercantilism and Colonial Rivalry | 16. Test: Growth of World Empires                           |
| 7. Quiz 1: England and France               | 17. Alternate Test: Growth of World Empires                 |
| 8. Portugal                                 | 18. Glossary and Credits                                    |
| 9. Spain                                    |   |
| 10. Quiz 2: Portugal and Spain              |   |

**WORLD HISTORY**  
**UNIT 6: THE AGE OF REVOLUTION**

**Assignment Titles**

- |  |   |
|--|---|
| 1. English Revolution: Divine Right (Cavaliers)  | 11. French Revolution: Old Regime         |
| 2. English Revolution: Divine Right (Roundheads) | 12. French Revolution: New Leadership     |
| 3. English Revolution: People's Choice           | 13. Report: Napoleon                      |
| 4. Quiz 1: English Revolution                    | 14. Report: Napoleon and Modern Society   |
| 5. American Revolution: British Background       | 15. Quiz 3: French Revolution             |
| 6. Report: Boston Tea Party                      | 16. Special Project                       |
| 7. American Revolution: American Frontier        | 17. Test: The Age of Revolution           |
| 8. Report: 1770s Colonist                        | 18. Alternate Test: The Age of Revolution |
| 9. Report: Constitution                          | 19. Glossary and Credits                  |
| 10. Quiz 2: American Revolution                  |   |

**WORLD HISTORY**  
**UNIT 7: THE INDUSTRIAL REVOLUTION**

**Assignment Titles**

- |   |   |
|---|---|
| 1. England: Sparks of Preparation                     | 9. Social Changes: Positive Contributions               |
| 2. England: Fires of Continuation                     | 10. Report: Socialism or Free Enterprise                |
| 3. Quiz 1: Industrial Revolution in England           | 11. Quiz 3: Social Changes of the Industrial Revolution |
| 4. United States: Industrial Climate                  | 12. Special Project                                     |
| 5. United States: Industrial Progress                 | 13. Test: The Industrial Revolution                     |
| 6. Report: Industrial Revolution Biography            | 14. Alternate Test: The Industrial Revolution           |
| 7. Quiz 2: Industrial Revolution in the United States | 15. Glossary and Credits                                |
| 8. Social Changes: Negative Drawbacks                 |   |

**WORLD HISTORY**  
**UNIT 8: TWO WORLD WARS**

**Assignment Titles**

- |                                      |   |
|--------------------------------------|---|
| 1. World War I: Mounting Tensions    | 13. World War II: Battle Fronts                     |
| 2. World War I: Erupting Conflicts   | 14. Report: Allied Battle Strategy                  |
| 3. World War I: Counter-Aggression   | 15. World War II: Battles in the Pacific            |
| 4. Quiz 1: World War I               | 16. Peace Efforts                                   |
| 5. The Russian Revolution: 1905      | 17. Unification                                     |
| 6. The Russian Revolution: 1917      | 18. Report: Twentieth Century                       |
| 7. Peace Initiative                  | 19. Quiz 3: World War II                            |
| 8. Post-War Attitudes                | 20. Special Project                                 |
| 9. Report: Comfort in the Depression | 21. Test: A Revolution and Two World Wars           |
| 10. Power Quests                     | 22. Alternate Test: A Revolution and Two World Wars |
| 11. Military Aggression              | 23. Glossary and Credits                            |
| 12. Quiz 2: Between the Wars         |   |

**WORLD HISTORY**  
**UNIT 9: THE CONTEMPORARY WORLD**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Origins of the Cold War                    | 12. South America                          |
| 2. United Nations and the Marshall Plan       | 13. Quiz 2: The Western Hemisphere Today   |
| 3. Report: The United Nations                 | 14. Europe                                 |
| 4. The Course of the Cold War                 | 15. Africa                                 |
| 5. The Vietnam War and Invasions              | 16. Asia                                   |
| 6. The End of the Cold War                    | 17. The Far East and Australia             |
| 7. Report: The Cold War                       | 18. Quiz 3: The Eastern Hemisphere Today   |
| 8. Quiz 1: The Cold War                       | 19. Special Project                        |
| 9. North America                              | 20. Test: The Contemporary World           |
| 10. Central America and the Caribbean Islands | 21. Alternate Test: The Contemporary World |
| 11. Report: Central American Governments      | 22. Glossary and Credits                   |

**WORLD HISTORY**  
**UNIT 10: ANCIENT TIMES TO THE PRESENT**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Ancient Civilizations                            | 11. Quiz 2: The Renaissance and Reformation      |
| 2. Greeks, Romans, and Other Ancient Cultures       | 12. The Modern World: Revolutions                |
| 3. Medieval Times: Invasions and Feudalism          | 13. The Industrial Revolution                    |
| 4. Medieval Culture and the Church                  | 14. Two World Wars and Attempts at Peace         |
| 5. Quiz 1: Ancient Civilizations and Medieval Times | 15. Current Events                               |
| 6. Politics of the Renaissance                      | 16. Quiz 3: The Modern World                     |
| 7. Art and Sciences of the Renaissance              | 17. Special Project                              |
| 8. The Reformation                                  | 18. Test: Ancient Times to the Present           |
| 9. Absolutism                                       | 19. Alternate Test: Ancient Times to the Present |
| 10. Exploration                                     | 20. Glossary and Credits                         |

## AMERICAN HISTORY

### COURSE OVERVIEW

American History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course covers early American exploration to the present day, placing special emphasis on the politics of the 18th and early 19th centuries and the Civil War. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Upon completion of the course, students should be able to do the following:

- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political, economic, and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution.
- Explain how political, economic, and social changes in the U.S. led to conflict among sections of the United States in the 19th century.
- Describe the causes and effects of the Civil War and its aftermath.
- Describe the causes and effects of both World Wars.
- Understand some of the key challenges facing American society in the late 20th and early 21st centuries.

Additionally, students will gain practice in writing essays and reports, covering topics like the Monroe Doctrine, the states' rights debate, the Lincoln-Douglas debates, isolationism, the New Deal, the Korean conflict, and more.

<b>AMERICAN HISTORY</b>	
<b>UNIT 1: FOUNDATIONS OF THE AMERICAN REPUBLIC</b>	
<b>Assignment Titles</b>	
1. Course Overview	9. Quiz 2: Colonization Begins
2. Revival of Trade and Commerce	10. The Middle Colonies
3. New Ideas and Religious Changes	11. The Southern Colonies
4. Quiz 1: Foundation of the American Republic	12. Growth of the Colonies
5. Colonization Begins in the New World	13. Quiz 3: Middle and Southern Colonies
6. Project: Jamestown	14. Special Project
7. Puritan Background and Plymouth Settlement	15. Test
8. Puritan Migration and the Settlement of New England	16. Alternate Test
	17. Reference

<b>AMERICAN HISTORY</b>	
<b>UNIT 2: DEVELOPMENT OF CONSTITUTIONAL GOVERNMENT</b>	
<b>Assignment Titles</b>	
1. Relations with England	10. Articles of Confederation
2. French and Indian War	11. Constitution of the United States
3. Colonial Resistance	12. Essay: Constitutional Republic
4. Quiz 1: Relations with England	13. Quiz 3: Birth of a Nation
5. Second Continental Congress	14. Special Project
6. Opposition and Aid	15. Test
7. War in the South and West	16. Alternate Test
8. Quiz 2: The Revolutionary War	17. Reference
9. Birth of a Nation	

**AMERICAN HISTORY  
UNIT 3: NATIONAL EXPANSION**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Federal Government                         | 9. Essay: Foreign Policy                        |
| 2. First Political Parties                    | 10. Sectionalism and the Jackson Administration |
| 3. Essay: Responsibilities                    | 11. Essay: Missouri Compromise                  |
| 4. Quiz 1: Ship of State                      | 12. Quiz 3: Nationalism and Sectionalism        |
| 5. The Revolution of 1800                     | 13. Special Project                             |
| 6. The War of 1812                            | 14. Test  |
| 7. Quiz 2: Revolution of 1800 and War of 1812 | 15. Alternate Test                              |
| 8. Nationalism and the Monroe Administration  | 16. Reference                                   |

**AMERICAN HISTORY  
UNIT 4: A NATION DIVIDED**

**Assignment Titles**

- |  |                                      |
|--|--------------------------------------|
| 1. The Emergence of Sectionalism                 | 10. The Politics of Slavery          |
| 2. Project: Leaders of the States' Rights Debate | 11. Essay: Escaped Slave             |
| 3. The Division of Land                          | 12. Report: Slave Codes              |
| 4. The Establishment of New Territory            | 13. Quiz 2: The Emergence of Slavery |
| 5. The Division of the People                    | 14. Special Project                  |
| 6. Essay: Lincoln/Douglas Debates                | 15. Test                             |
| 7. Quiz 1: The Emergence of Sectionalism         | 16. Alternate Test                   |
| 8. The Emergence of Slavery                      | 17. Reference                        |
| 9. Essay: Free-born Residents                    |                                      |

**AMERICAN HISTORY  
UNIT 5: A NATION DIVIDED AND UNITED**

**Assignment Titles**

- |  |                                     |
|--|-------------------------------------|
| 1. Regional Lifestyles: The East and West    | 9. Reconstruction                   |
| 2. Regional Lifestyles: The South            | 10. Report: Reconstruction Scandals |
| 3. Quiz 1: Regional Lifestyles               | 11. Quiz 3: Reconstruction          |
| 4. Civil War: Division and Antagonism        | 12. Special Project                 |
| 5. Essay: The Trent Affair                   | 13. Test                            |
| 6. Civil War: Union Blockade and Hostilities | 14. Alternate Test                  |
| 7. The Civil War: Final Phase                | 15. Reference                       |
| 8. Quiz 2: Civil War                         |                                     |

**AMERICAN HISTORY  
UNIT 6: UNITED STATES INVOLVEMENT AT HOME AND ABROAD**

**Assignment Titles**

- |   |                                      |
|---|--------------------------------------|
| 1. U.S. Industry: Birth and Growth                | 10. Essay: Isolation and Involvement |
| 2. U.S. Industry: Economic Expansion              | 11. Quiz 3: Foreign Policy           |
| 3. Quiz 1: Industrial Growth in the United States | 12. March Toward Conflict: Causes    |
| 4. Industrial Lifestyle: Trends                   | 13. March Toward Conflict: Factions  |
| 5. Industrial Lifestyle: Labor Movement           | 14. Quiz 4: March Toward Conflict    |
| 6. Quiz 2: Industrial Lifestyle                   | 15. Special Project                  |
| 7. Foreign Policy: Isolationism                   | 16. Test                             |
| 8. Essay: Seward's Proposal                       | 17. Alternate Test                   |
| 9. Foreign Policy: International Realism          | 18. Reference                        |

**AMERICAN HISTORY  
UNIT 7: THE SEARCH FOR PEACE**

**Assignment Titles**

- |  |                                 |
|--|---------------------------------|
| 1. The First Global Conflict               | 9. Quiz 3: The Great Depression |
| 2. A Plan For Peace                        | 10. The New Deal                |
| 3. Report: A Just Peace                    | 11. Essay: New Deal             |
| 4. Quiz 1: The Great War and Its Aftermath | 12. Quiz 4: The New Deal        |
| 5. The Golden Twenties                     | 13. Special Project             |
| 6. Quiz 2: The Golden Twenties             | 14. Test                        |
| 7. The Great Depression                    | 15. Alternate Test              |
| 8. Essay: Foreign Policy                   | 16. Reference                   |

**AMERICAN HISTORY  
UNIT 8: A NATION AT WAR**

**Assignment Titles**

- |  |   |
|--|---|
| 1. World War II: Causes of the War           | 9. Vietnam: Withdrawal by the United States |
| 2. World War II: Theaters of Operation       | 10. Report: Biography                       |
| 3. Quiz 1: World War II                      | 11. Quiz 3: Vietnam Conflict                |
| 4. Communist Threat: World Unrest            | 12. Special Project                         |
| 5. Korean Conflict: The Cold War Becomes Hot | 13. Test                                    |
| 6. Report: Containment Policy                | 14. Alternate Test                          |
| 7. Quiz 2: Korean Conflict                   | 15. Reference                               |
| 8. Vietnam: Fighting Communism in S.E. Asia  |   |

**AMERICAN HISTORY  
UNIT 9: CONTEMPORARY AMERICA**

**Assignment Titles**

- |  |  |
|--|--|
| 1. America in the 1960s: Part 1            | 14. Quiz 3: America in the 1980s and 1990s         |
| 2. Report: Kennedy Assassination           | 15. The International Scene - 1980-Present: Part 1 |
| 3. Report: I Have a Dream                  | 16. The International Scene - 1980-Present: Part 2 |
| 4. America in the 1960s: Part 2            | 17. Our Nation Saw Evil. . .                       |
| 5. The International Scene of the 1960s    | 18. America's Department of Homeland Security      |
| 6. Quiz 1: America in the 1960s            | 19. Report: Department of Homeland Security        |
| 7. America in the 1970s: Part 1            | 20. Terrorism Has a Name: Bin Laden                |
| 8. America in the 1970s: Part 2            | 21. Quiz 4: The International Scene 1980-1995      |
| 9. The International Scene of the 1970s    | 22. Special Project                                |
| 10. Quiz 2: America in the 1970s           | 23. Test   |
| 11. America in the 1980s and 1990s: Part 1 | 24. Alternate Test                                 |
| 12. America in the 1980s and 1990s: Part 2 | 25. Reference                                      |
| 13. America in a New Century               |  |

**AMERICAN HISTORY  
UNIT 10: UNITED STATES HISTORY REVIEW**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Changes in Europe                        | 16. Essay: Roosevelt's New Deal                     |
| 2. Early Colonization                       | 17. World War I                                     |
| 3. Quiz 1: Europe and the American Colonies | 18. Quiz 4: Industrialization of the United States  |
| 4. Rising Tensions in the Colonies          | 19. The United States: From World War II to Vietnam |
| 5. Second Continental Congress              | 20. Essay: Vietnam War                              |
| 6. Colonial Government                      | 21. From John F. Kennedy to Gerald R. Ford          |
| 7. Quiz 2: The American Revolution          | 22. Essay: President Kennedy                        |
| 8. United States of the 1800s               | 23. From Jimmy Carter to George W. Bush             |
| 9. Jackson Era                              | 24. Quiz 5: Current History of the United States    |
| 10. Report: Regional Lifestyles             | 25. The '80s and Beyond                             |
| 11. Report: Sectionalism and Slavery        | 26. Quiz 6: The 80s and 90s                         |
| 12. Civil War                               | 27. Special Project                                 |
| 13. Reconstruction of the South             | 28. Test  |
| 14. Quiz 3: United States of the 1800's     | 29. Alternate Test                                  |
| 15. Industrialization of the United States  | 30. Reference                                       |

## GOVERNMENT AND ECONOMICS

### COURSE OVERVIEW

Government and Economics continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on two major areas: Government, with special emphasis on American government, and Economics, with special emphasis on personal finance. These areas of focus target three major content strands: History, Government and Citizenship, and Economics.

Upon completion of the course, students should be able to do the following:

- Understand the basics of various philosophies of government.
- Understand the structure and functions of government and how the principles and values of American democracy (e.g., limited government and popular sovereignty) are reflected in American constitutional government.
- Understand how the overall design, as well as specific features of the U.S. Constitution prevent the abuse of power by using a system of checks and balances (e.g., federalism).
- Understand the role of political parties, the media, and the public on the political process.
- Know the characteristics of different economic systems (e.g., capitalism, mixed economy, communism).
- Understand basic terms associated with economic performance and the state of the economy (e.g., supply and demand, inflation, monopoly).

Additionally, students will gain practice in writing essays and reports, covering topics like elected officials, the Supreme Court, Christians in politics, on-line banking, the euro, and more.

GOVERNMENT AND ECONOMICS	
UNIT 1: INTERNATIONAL GOVERNMENTS	
Assignment Titles	
1. Course Overview	10. Aquinas, Aristotle, and Engels
2. Why Have Governments?	11. Machiavelli, Marx, and Milton
3. Types of Governments	12. Report: Governmental Officials
4. A List of Government Terms	13. Quiz 3: Political Thinkers
5. Quiz 1: Government	14. Special Project
6. Presidential Governments	15. Test
7. Parliamentary Governments	16. Alternate Test
8. Quiz 2: Forms of Government	17. Reference
9. One-Party and Multiparty Governments	

GOVERNMENT AND ECONOMICS	
UNIT 2: UNITED STATES GOVERNMENT	
Assignment Titles	
1. United States Constitution	9. Quiz 2: Branches of Government
2. The Bill of Rights	10. How a Bill Becomes Law: Part 1
3. States' Rights and Responsibilities	11. How a Bill becomes Law: Part 2
4. Quiz 1: United States Government	12. Quiz 3: How a Bill Becomes Law
5. Executive Branch	13. Special Project
6. Judicial Branch	14. Test
7. Report: Supreme Court	15. Alternate Test
8. Legislative Branch	16. Reference

GOVERNMENT AND ECONOMICS	
UNIT 3: THE AMERICAN PARTY SYSTEM	
Assignment Titles	
1. The American Party System	9. Quiz 2: Political Parties
2. Development of American Political Parties	10. Making Voting More Effective
3. Republican and Third Parties	11. Voting in Elections
4. Report: The American Party System	12. Quiz 3: Voting
5. Quiz 1: The American Party System	13. Special Project
6. How Do You Form a Political Party?	14. Test
7. Organization of a Political Party	15. Alternate Test
8. Nominations and Elections	16. Reference



**GOVERNMENT AND ECONOMICS  
UNIT 4: HISTORY OF GOVERNMENTS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. A Primitive Government Primer          | 9. Quiz 2: Feudalism, Theocracy, and Democracy |
| 2. Beginning of Democracy: Ancient Greece | 10. Fascism                                    |
| 3. Ancient Roman Government               | 11. Nazism                                     |
| 4. Quiz 1: A Primitive Government Primer  | 12. Quiz 3: Fascism and Nazism                 |
| 5. Feudalism                              | 13. Special Project                            |
| 6. Report: Feudalism                      | 14. Test                                       |
| 7. Theocracy                              | 15. Alternate Test                             |
| 8. Democracy                              | 16. Reference                                  |

**GOVERNMENT AND ECONOMICS  
UNIT 5: THE CHRISTIAN AND HIS GOVERNMENT**

**Assignment Titles**

- |   |   |
|---|---|
| 1. The Christian and American Government        | 9. The Good and the Bad of Propaganda                 |
| 2. Discrimination and the Christian             | 10. Quiz 3: Involvement in Politics and the Community |
| 3. Christian Attitudes in American Society      | 11. Report: The Christian and His Government          |
| 4. Quiz 1: The Christian and Government         | 12. Special Project                                   |
| 5. The Christian and Public Opinion             | 13. Test  |
| 6. The Christian and Media                      | 14. Alternate Test                                    |
| 7. Quiz 2: Christian Attitudes and Public Polls | 15. Reference   |
| 8. Can I Get Involved in Politics?              |   |

**GOVERNMENT AND ECONOMICS  
UNIT 6: FREE ENTERPRISE**

**Assignment Titles**

- |  |                                   |
|--|-----------------------------------|
| 1. Economics                                 | 9. International Finance          |
| 2. Economic Terms                            | 10. U.S. Currency in History      |
| 3. How Does an Economy Grow?                 | 11. Quiz 3: Currency and Reserves |
| 4. Quiz 1: Economics                         | 12. Special Project               |
| 5. A Guide to Learning World Financial Terms | 13. Test                          |
| 6. Unions and Labor                          | 14. Alternate Test                |
| 7. Money: Its Use Through History            | 15. Reference                     |
| 8. Quiz 2: Finance and Labor                 |                                   |

**GOVERNMENT AND ECONOMICS  
UNIT 7: BUSINESS AND YOU**

**Assignment Titles**

- |                                      |   |
|--------------------------------------|---|
| 1. Running a Business                | 9. Bankruptcy   |
| 2. Caveat Emptor                     | 10. Quiz 3: Business Concerns - Deregulation and Bankruptcy |
| 3. Government and Business           | 11. Report: Business and You                                |
| 4. Quiz 1: Business and the Consumer | 12. Special Project   |
| 5. Federal Reserve System            | 13. Test  |
| 6. Monopolies                        | 14. Alternate Test  |
| 7. Quiz 2: Business and You          | 15. Reference   |
| 8. Deregulation                      |   |

**GOVERNMENT AND ECONOMICS  
UNIT 8: THE STOCK MARKET**

**Assignment Titles**

- |   |                                     |
|---|-------------------------------------|
| 1. The Stock Market: How It Started       | 9. Tracking Stocks in the Newspaper |
| 2. The Stock Market: How It Works         | 10. Quiz 3: Types of Stocks         |
| 3. Selling, Buying, and Brokers           | 11. Report: Stock Market Investing  |
| 4. Quiz 1: The Stock Market               | 12. Special Project                 |
| 5. Selecting Stocks                       | 13. Test                            |
| 6. What Causes the Stock Market to Crash? | 14. Alternate Test                  |
| 7. Quiz 2: Selecting Stocks               | 15. Reference                       |
| 8. Types of Stocks                        |                                     |



**GOVERNMENT AND ECONOMICS  
UNIT 9: BUDGET AND FINANCE**

**Assignment Titles**

- |                                   |  |
|-----------------------------------|--|
| 1. Your Personal Finances         | 8. Credit Cards                                |
| 2. Spend Your Money Wisely        | 9. Quiz 2: IRA Accounts, Savings, and Spending |
| 3. Checking Accounts              | 10. Report: Buying A Car                       |
| 4. College Grants and Loans       | 11. Special Project                            |
| 5. Quiz 1: Your Personal Finances | 12. Test                                       |
| 6. IRA Accounts                   | 13. Alternate Test                             |
| 7. Buying a Car                   | 14. Reference                                  |

**GOVERNMENT AND ECONOMICS  
UNIT 10: BANKING**

**Assignment Titles**

- |                                     |  |
|-------------------------------------|--|
| 1. Deposit and Savings              | 8. Quiz 2: Savings and Loans and Credit Unions |
| 2. Bank Loans                       | 9. Report: Banking                             |
| 3. Using the ATM and E-Cash Cards   | 10. Special Project                            |
| 4. Quiz 1: Banking Past and Present | 11. Test                                       |
| 5. Savings and Loans                | 12. Alternate Test                             |
| 6. Credit Unions                    | 13. Reference                                  |
| 7. Traveler's Checks                |  |

**GOVERNMENT AND ECONOMICS  
UNIT 11: INTERNATIONAL ISSUES**

**Assignment Titles**

- |  |  |
|--|--|
| 1. World of the Euro   | 9. Close Trading Partners                        |
| 2. Report: The Euro and Its Impact                             | 10. The Holy Land and Current Issues             |
| 3. Centers of International Finance                            | 11. Christian Heroes and Their Lands             |
| 4. Quiz 1: Euro and International Finance                      | 12. Report: Israel                               |
| 5. The Global Traveler   | 13. Quiz 3: Neighbors, Heroes, and the Holy Land |
| 6. U.S. States and Capital Cities (1)                          | 14. Special Project                              |
| 7. U.S. States and Capital Cities (2)                          | 15. Test   |
| 8. Quiz 2: U.S States, Capital Cities, and the Global Traveler | 16. Alternate Test                               |
|  | 17. Reference                                    |

## **LANGUAGE ARTS**

### **LANGUAGE ARTS 300**

#### **COURSE OVERVIEW**

Language Arts 300 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—introduces students to basic reading skills, including the identification of main ideas, supporting details, sequence, and facts and opinions; shows students how to identify parts of speech in sentences; helps students develop basic literary comprehension skills through the reading of short stories, a short play, and haiku poetry.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with complete sentences and parts of speech; introduces students to roots and affixes, and basic word relationships, including homographs, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, haiku poetry, short stories, and friendly letters.
- **Special Topics**—introduces basic research skills, including the use of atlases, dictionaries, encyclopedias, newspaper and magazine articles, and textbooks.

#### **Curriculum Contents**

##### Reading Comprehension Skills

- Cause and Effect
- Context Clues
- Determining Author's Purpose—Reading for Entertainment and Reading for Information
- Following Written Directions
- Identifying Facts and Opinions
- Identifying Main Ideas and Supporting Details
- Predicting Outcomes
- Reading Haiku
- Reading a Short Play
- Reading Short Stories
- Sequence

##### Composition

- Writing a Friendly and Thank You Letter
- Writing Haiku
- Writing Short Stories

##### Grammar and Usage

- Adjectives—Making Comparisons
- Nouns—Singular and Plural
- Parts of Speech—Identification
- Punctuation—Commas, Exclamation Points, Periods, and Question Marks
- Sentence Structure—Complete Sentences

### Literature Studies

- Drama
  - Definition
  - Elements—Structure, Character, and Setting
- Fiction—Definition
- Nonfiction—Definition
- Poetry
  - Definition
  - Elements—Structure, Rhyme, and Meter
  - Haiku

### Spelling

- Compound Words
- Confusing Spellings
- Irregular Vowels
- Short and Long Vowels
- Silent Letters
- R-controlled and W-controlled Words
- Roots and Affixes
- Word Endings
- Words with “ie,” “ei” and “ar”
- Words with Irregular Vowels

### Vocabulary Building

- Compound Words
- Dictionary Skills
- Word Relationships—Synonyms, Antonyms, and Homographs
- Word Structure—Roots and Affixes

### Special Topics

- Reference Materials—Atlases, Dictionaries, Encyclopedias

LANGUAGE ARTS 300	
UNIT 1: VOWELS, MAIN IDEA, CAPITALIZATION	
Assignment Titles	
1. Course Overview	12. Grammar: Complete Sentences; Capitalization
2. Language Arts Symbols	13. Quiz 3
3. Spelling with Short Vowels	14. Grammar: Punctuation
4. Quiz 1	15. Spelling with Silent Letters
5. Spelling Quiz 1	16. Quiz 4
6. Reading to Find the Main Idea	17. Spelling Quiz 3
7. Project: Book Report	18. Unit 1 Special Project
8. Project: Learning a New Language	19. Review Game
9. Spelling with Short Vowels	20. Test
10. Quiz 2	21. Alternate Test
11. Spelling Quiz 2	22. Reference

**LANGUAGE ARTS 300**  
**UNIT 2: SENTENCES, CAPITALIZATION, ABC ORDER**

**Assignment Titles**

- |   |                               |
|---|-------------------------------|
| 1. Grammar: Sentence Sense; Capital Letters (1) | 13. Quiz 3                    |
| 2. Project: Book Report-- Poetry                | 14. Spelling Quiz 3           |
| 3. Spelling with Long Vowels                    | 15. Spelling with Vowel Pairs |
| 4. Quiz 1                                       | 16. Writing a Story           |
| 5. Spelling Quiz 1                              | 17. Quiz 4                    |
| 6. Grammar: Capital Letters (2)                 | 18. Spelling Quiz 4           |
| 7. Reading Comprehension                        | 19. Unit 2 Special Project    |
| 8. Spelling Words That Sound or Look Alike      | 20. Review Game               |
| 9. Quiz 2                                       | 21. Test                      |
| 10. Spelling Quiz 2                             | 22. Alternate Test            |
| 11. Grammar: Alphabetical Order                 | 23. Reference                 |
| 12. Spelling with Silent E                      |                               |

**LANGUAGE ARTS 300**  
**UNIT 3: DICTIONARY SKILLS, WORD PARTS, VOCABULARY**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Grammar: Using the Dictionary             | 15. Spelling Antonym Pairs              |
| 2. Project L303A--Making Your Own Dictionary | 16. Quiz 3                              |
| 3. Grammar: Capital Letters (1)              | 17. Spelling Quiz 3                     |
| 4. Spelling with r-Controlled Vowels         | 18. Grammar: Capital Letters (2)        |
| 5. Quiz 1                                    | 19. Grammar: Synonyms                   |
| 6. Spelling Quiz 1                           | 20. Project: Writing a Story about Pets |
| 7. Grammar: Word Parts (1)                   | 21. Spelling with or                    |
| 8. Grammar: Word Parts (2)                   | 22. Quiz 4                              |
| 9. Spelling with ar                          | 23. Spelling Quiz Four                  |
| 10. Quiz 2                                   | 24. Unit 3 Special Project              |
| 11. Spelling Quiz 2                          | 25. Review Game                         |
| 12. Grammar: Antonyms                        | 26. Test                                |
| 13. Reading: Vocabulary                      | 27. Alternate Test                      |
| 14. Project: Book Report--Folk Tales         | 28. Reference                           |

**LANGUAGE ARTS 300**  
**UNIT 4: PARTS OF SPEECH, IRREGULAR VOWELS, COMPREHENSION**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Grammar: Nouns                             | 14. Quiz 3                                  |
| 2. Grammar: Adjectives                        | 15. Grammar: Reviewing Words and Word Parts |
| 3. Spelling Words with Irregular Vowel Sounds | 16. Reading: A Big Surprise                 |
| 4. Quiz 1                                     | 17. Project: Gideon Today                   |
| 5. Spelling Quiz 1                            | 18. Project: Book Report: Biography         |
| 6. Grammar: Verbs                             | 19. Spelling with y as a Vowel              |
| 7. Grammar: Adverbs                           | 20. Quiz 4                                  |
| 8. Spelling with w-controlled Vowels          | 21. Spelling Quiz 3                         |
| 9. Quiz 2                                     | 22. Unit 4 Special Project                  |
| 10. Spelling Quiz 2                           | 23. Review Game                             |
| 11. Grammar: Punctuation Marks                | 24. Test                                    |
| 12. Grammar: Using Capital Letters            | 25. Alternate Test                          |
| 13. Grammar: Using the Dictionary             | 26. Reference                               |

**LANGUAGE ARTS 300**  
**UNIT 5: READING TO UNDERSTAND, COMMAS, SILENT LETTERS**

**Assignment Titles**

1. Reading (1)	12. Spelling Quiz 2
2. Grammar: Review	13. Grammar: Reviewing Capital Letters
3. Project: Vowels	14. Grammar: Punctuation Marks
4. Spelling with Different Vowel Sounds	15. Spelling with Suffixes
5. Quiz 1	16. Quiz 3
6. Spelling Quiz 1	17. Spelling Quiz 3
7. Reading: Comprehension	18. Unit 5 Special Project
8. Reading: Story Elements	19. Review Game
9. Project: Book Report--Animal Stories	20. Test
10. Spelling with Silent gh	21. Alternate Test
11. Quiz 2	22. Reference

**LANGUAGE ARTS 300**  
**UNIT 6: CAUSE AND EFFECT, HOMOGRAPHS, HAIKU POETRY**

**Assignment Titles**

1. Character/Main Idea/Details in a Parable	12. Spelling Quiz 3
2. Spelling with -eer and -ion	13. Reading: Haiku Poetry, Homographs
3. Quiz 1	14. Project: Book Report--Haiku Poetry
4. Spelling Quiz 1	15. Project: Haiku Poetry
5. Grammar: Capitalizing Titles; Using Commas	16. Spelling with -ei and -ie
6. Spelling with the Letter G	17. Quiz 4
7. Quiz 2	18. Spelling Quiz 4
8. Spelling Quiz 2	19. Unit 6 Special Project
9. Sequence/Cause and Effect/Responding to a Parable	20. Review Game
10. Spelling Plurals or Words with -air	21. Test
11. Quiz 3	22. Alternate Test
	23. Reference

**LANGUAGE ARTS 300**  
**UNIT 7: FOLLOWING DIRECTIONS, SUFFIXES, PRONOUNS, FRIENDLY LETTERS**

**Assignment Titles**

1. Reading for Main Idea	15. Grammar: Suffixes -er, -est
2. Grammar: Noun Review	16. Spelling with Suffixes (2)
3. Grammar: Singular and Plural Nouns (1)	17. Quiz 3
4. Grammar: Singular and Plural Nouns (2)	18. Spelling Quiz 3
5. Extra Practice: Singular and Plural Nouns	19. Composition: Friendly Letters
6. Spelling Compound Words	20. Essay: Writing a Friendly Letter
7. Quiz 1	21. Spelling General Words
8. Spelling Quiz 1	22. Quiz 4
9. Reading: Follow Directions/ Fact or Fiction	23. Spelling Quiz Four
10. Project: Following Directions	24. Unit 7 Special Project
11. Spelling with Suffixes (1)	25. Review Game
12. Quiz 2	26. Test
13. Spelling Quiz 2	27. Alternate Test
14. Grammar: Pronouns	28. Reference

**LANGUAGE ARTS 300**  
**UNIT 8: READING A PLAY, COMPARING WITH ADJECTIVES, ROOT WORDS**

**Assignment Titles**

1. Reading for Sequence	13. Reading a Play
2. Grammar: Adjective Review	14. Grammar: Action Verbs
3. Spelling with -le	15. Grammar: State-of-Being Verbs
4. Quiz 1	16. Spelling Root Words
5. Spelling Quiz 1	17. Quiz 3
6. Reading for Details	18. Spelling Quiz 3
7. Grammar: Comparing with Adjectives (1)	19. Unit 8 Special Project
8. Grammar: Comparing with Adjectives (2)	20. Review Game
9. Extra Practice: Comparing with Adjectives	21. Test
10. Spelling Compound Words	22. Alternate Test
11. Quiz 2	23. Reference
12. Spelling Quiz 2	

**LANGUAGE ARTS 300**  
**UNIT 9: CLASSIFYING, REFERENCES, THANK-YOU LETTERS, PREDICTING OUTCOMES**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. Reading to Classify                 | 12. Spelling Quiz 2                |
| 2. Grammar: Adverbs                    | 13. Reading to Predict Outcome     |
| 3. Spelling with Prefixes              | 14. Using Reference Books          |
| 4. Quiz 1                              | 15. Spelling with the Suffix -teen |
| 5. Spelling Quiz 1                     | 16. Quiz 3                         |
| 6. Reading for Information             | 17. Spelling Quiz 3                |
| 7. Project: Book Report--Nonfiction    | 18. Unit 9 Special Project         |
| 8. Composition: Thank-you Letters      | 19. Review Game                    |
| 9. Project: Writing a Thank-you Letter | 20. Test                           |
| 10. Spelling with Suffixes             | 21. Alternate Test                 |
| 11. Quiz 2                             | 22. Reference                      |

**LANGUAGE ARTS 300**

**UNIT 10: REVIEW**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Reading: Sequence and Context Clues   | 12. Quiz 3                                   |
| 2. Grammar: Vowels                       | 13. Reading Fiction and Nonfiction           |
| 3. Grammar: Using Sentences Correctly    | 14. Project: Book Report--Historical Fiction |
| 4. Quiz 1                                | 15. Grammar: Alphabetical Order              |
| 5. Grammar: Punctuation                  | 16. Project: Writing Paragraphs              |
| 6. Grammar: Capitalizing Words           | 17. Quiz 4                                   |
| 7. Quiz 2                                | 18. Unit 10 Special Project                  |
| 8. Reading: Main Ideas; Cause and Effect | 19. Review Game                              |
| 9. Grammar: Parts of Speech Review       | 20. Test                                     |
| 10. Composition: Writing Letters         | 21. Alternate Test                           |
| 11. Project: Writing Letters             | 22. Reference                                |

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**LANGUAGE ARTS 400****COURSE OVERVIEW**

Language Arts 400 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—introduces students to basic reading skills, including the identification of main ideas, supporting details, sequence, and facts and opinions; shows students how to identify parts of speech in sentences; develops students capacity for identifying basic elements of narrative prose; introduces students to types of nonfiction, including biographies, autobiographies, and short essays; helps students develop basic literary comprehension skills through the reading of short stories, nonfiction pieces, and poetry.
- **Writing**—develops student's understanding of sentence structure, providing hands-on experience with subject-verb agreement and parts of speech; emphasizes parts of speech and their roles, including adjectives, nouns, and verbs; familiarizes students with roots and affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, four-line poetry, and short stories; guides students through planning, organizing, writing, and revising a report.
- **Listening**—teaches effective listening comprehension skills, weaving these throughout the lessons.
- **Special Topics**—teaches basic research skills, including dictionary, encyclopedia, and safe Internet usage.

**Curriculum Contents**

## Reading Comprehension Skills

- Determining Cause and Effect
- Determining Author's Purpose—Reading for Entertainment and Reading for Information
- Identifying Facts and Opinions
- Identifying Main Ideas and Supporting Details
- Predicting Outcomes
- Reading Poetry
- Determining Reading Rates
- Reading Short Stories
- Reading for Sequence

## Composition

- Book Report—Summary
- Paragraph Elements and Structure
- Paraphrasing Parables
- Writing Four Line Poetry
- Writing Friendly Letters and Invitations
- Writing Haiku
- Writing a Report—Outlining, Writing, and Revising
- Writing Short Stories—Narratives, Tall Tales, and Fables

## Grammar and Usage

- Adjectives—Making Comparisons, Using Articles, and Changing Nouns to Adjectives
- Kinds of Sentences—Statement, Question, Command, and Surprise/Excitement
- Nouns—Singular and Plural, Possessive, Subjects, and Common and Proper Nouns
- Punctuation—Commas, Exclamation Points, Periods, Question Marks, Quotation Marks, and Apostrophes
- Sentence Structure—Subject-Verb Agreement
- Verbs—Being Verbs, Tense, and Contractions

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## Literature Studies

- Fiction
  - Definition—Short Story
  - Elements—Structure, Character, Plot, and Setting
  - Genre/Type—Allegory, Parable, Fable, and Tall Tale
- Nonfiction
  - Definition
  - Genre/Type—Autobiography, Biography, and Essay
  - Literary Device—Figures of Speech
- Poetry
  - Definition
  - Elements—Structure, Rhyme, Meter, Diction, and Mood
  - Haiku
  - Literary Device—Alliteration

## Speaking and Listening

- Listening Skills—Following Directions

## Spelling

- Abbreviations
- Compound Words
- Contractions
- Days of the Week
- Names of Months
- Homonyms, Synonyms and Antonyms
- Hyphenated Words
- Possessives
- Roots and Affixes
- Vowel Combinations
- Word Endings
- Words with Silent First Letters
- Words with Silent and Irregular Vowels

## Vocabulary Building

- Dictionary Skills
- Word Relationships—Synonyms, Antonyms, and Homographs
- Word Structure—Roots and Affixes

## Special Topics

- The Bible as Literature
- Origin/Development of Language
- Research Skills—Reference Materials, Library Skills, and the Internet
- Study Skills—Note Taking



**LANGUAGE ARTS 400**  
**UNIT 1: READING AND WRITING**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Course Overview                        | 14. Quiz 3                                |
| 2. Joey and the Sad Tree (Part One)       | 15. Spelling Quiz Three                   |
| 3. Sources of English Words               | 16. Writing a Report                      |
| 4. Spelling Lesson 1                      | 17. Essay: Outline and Report             |
| 5. Quiz 1                                 | 18. Spelling Lesson 4: Vowel Combinations |
| 6. Spelling Quiz One                      | 19. Quiz 4                                |
| 7. Joey and the Sad Tree (Part Two)       | 20. Spelling Quiz Four                    |
| 8. Reading Fluency                        | 21. Unit 1 Special Project                |
| 9. Spelling Lesson 2: R-controlled Vowels | 22. Review Game                           |
| 10. Quiz 2                                | 23. Test                                  |
| 11. Spelling Quiz Two                     | 24. Alternate Test                        |
| 12. Study Skills                          | 25. Reference                             |
| 13. Spelling Lesson 3: The Vowel O        |   |

**LANGUAGE ARTS 400**  
**UNIT 2: READING FOR MEANING**

**Assignment Titles**

- |                                |  |
|--------------------------------|--|
| 1. Kippy the Kiwi              | 13. Haiku Poems                        |
| 2. Essay: Envyng Others        | 14. Haiku Poetry Composition           |
| 3. Sound Study                 | 15. Project: Book Report--Haiku Poetry |
| 4. Following Instructions      | 16. Spelling Lesson 3: Suffixes        |
| 5. Spelling Lesson 1: Suffixes | 17. Quiz 3                             |
| 6. Quiz 1                      | 18. Spelling Quiz Three                |
| 7. Spelling Quiz One           | 19. Unit 2 Special Project             |
| 8. Greedy, Selfish, and Honor  | 20. Review Game                        |
| 9. Dictionary Skills           | 21. Test                               |
| 10. Spelling Lesson 2          | 22. Alternate Test                     |
| 11. Quiz 2                     | 23. Reference                          |
| 12. Spelling Quiz Two          |  |

**LANGUAGE ARTS 400**  
**UNIT 3: WORD PLAY**

**Assignment Titles**

- |  |                                  |
|--|----------------------------------|
| 1. Why William Was Thankful              | 14. Spelling Lesson 3: Synonyms  |
| 2. Root Words, Prefixes and Suffixes (1) | 15. Quiz 3                       |
| 3. Root Words, Prefixes and Suffixes (2) | 16. Spelling Quiz Three          |
| 4. Spelling Lesson 1                     | 17. More About Poetry            |
| 5. Quiz 1                                | 18. Project: Book Report--Poetry |
| 6. Spelling Quiz One                     | 19. Spelling Lesson 4: Antonyms  |
| 7. Candy Bars                            | 20. Quiz 4                       |
| 8. Homonyms                              | 21. Spelling Quiz Four           |
| 9. Spelling Lesson 2: Homonyms           | 22. Unit 3 Special Project       |
| 10. Quiz 2                               | 23. Review Game                  |
| 11. Spelling Quiz Two                    | 24. Test                         |
| 12. Poetic Expressions                   | 25. Alternate Test               |
| 13. Synonyms and Antonyms                | 26. Reference                    |

**LANGUAGE ARTS 400**  
**UNIT 4: WORDS IN SEASON**

**Assignment Titles**

1. Heidi	16. Adverbs
2. Nouns and Verbs	17. Spelling Lesson 3: Adverbs
3. Adjectives	18. Quiz 3
4. Adjectives That Compare	19. Spelling Quiz Three
5. Possessive Words	20. Writing Study Notes
6. Spelling Lesson 1: Possessive Pronouns	21. Subject-Verb Agreement; Verb Tense
7. Quiz 1	22. Spelling Lesson 4
8. Spelling Quiz One	23. Quiz 4
9. Fiction and Nonfiction	24. Spelling Quiz Four
10. Project: Book Report--Fiction	25. Unit 4 Special Project
11. Kinds of Sentences	26. Review Game
12. Spelling Lesson 2: Suffixes	27. Test
13. Quiz 2	28. Alternate Test
14. Spelling Quiz Two	29. Reference
15. Following Directions; Writing Invitations	

**LANGUAGE ARTS 400**  
**UNIT 5: READING AND WRITING STORIES**

**Assignment Titles**

1. Reading Skills (1)	15. Quiz 3
2. Paragraphs	16. Spelling Quiz Three
3. Essay: Writing Paragraphs	17. Writing Stories
4. Spelling Lesson 1: Prefixes	18. Essay: Writing a Story
5. Quiz 1	19. Spelling Lesson 4: Silent Letters and Unusual Vowels
6. Spelling Quiz One	20. Quiz 4
7. Reading Skills (2)	21. Spelling Quiz Four
8. Capital Letters	22. Unit 5 Special Project
9. Spelling Lesson 2: Contractions	23. Review Game
10. Quiz 2	24. Test
11. Spelling Quiz Two	25. Alternate Test
12. The Hobby of Stamp Collecting	26. Reference
13. Punctuation Marks	
14. Spelling Lesson 3: Prefixes	

**LANGUAGE ARTS 400**  
**UNIT 6: RHYMES AND REPORTS**

**Assignment Titles**

1. Fact and Opinion	14. Characteristics of Poetry
2. Book Reports	15. Analyzing Poetry
3. Essay: Writing a Summary	16. Essay: Four Line Poem
4. Project: Book Report: Nonfiction	17. Spelling Lesson 3: Days of the Week; Hyphenated Words
5. Spelling Lesson 1: Months and Abbreviations	18. Quiz 3
6. Quiz 1	19. Spelling Quiz Three
7. Spelling Quiz One	20. Unit 6 Special Project
8. Following Directions in Parables and Fables	21. Review Game
9. Essay: Paraphrasing Parables	22. Test
10. Spelling Lesson 2: Suffixes	23. Alternate Test
11. Quiz 2	24. Reference
12. Spelling Quiz Two	
13. Poetry Review	

**LANGUAGE ARTS 400**  
**UNIT 7: FORMS OF LITERATURE**

**Assignment Titles**

1. Biography	14. Tall Tales
2. Project: Book Report--Biography	15. Essay: Tall Tale
3. Exploring Nouns	16. Project: Book Report: Folk Tales
4. Exploring Singular and Plural Nouns	17. Exploring Verbs (2)
5. Spelling Lesson 1: Two-Syllable Words	18. Spelling Lesson 3: More Words With Two Syllables
6. Quiz 1	19. Quiz 3
7. Spelling Quiz One	20. Spelling Quiz Three
8. Fables	21. Unit 7 Special Project
9. Essay: Writing a Fable	22. Review Game
10. Exploring Verbs	23. Test
11. Spelling Lesson 2: Words with Open Syllables	24. Alternate Test
12. Quiz 2	25. Reference
13. Spelling Quiz Two	

**LANGUAGE ARTS 400**  
**UNIT 8: LANGUAGE IN LITERATURE**

**Assignment Titles**

1. Reading (1)--On the Farm	14. Figurative Language
2. Adjectives	15. Paragraph Writing
3. Spelling Lesson 1: CVR/VC Words	16. Essay: Narrative Writing
4. Quiz 1	17. Essay: Descriptive Paragraph
5. Spelling Quiz One	18. Spelling Lesson 3: Silent Letters; Compound Words with Suffixes
6. Reading: The Power of God's Word	19. Quiz 3
7. Adjectives That Compare	20. Spelling Quiz Three
8. Adverbs	21. Unit 8 Special Project
9. Spelling Lesson 2: Words with Digraphs	22. Review Game
10. Quiz 2	23. Test
11. Spelling Quiz Two	24. Alternate Test
12. Reading: The Early Olympic Games	25. Reference
13. Essay: The Olympic Games	

**LANGUAGE ARTS 400**  
**UNIT 9: READING AND RESEARCHING**

**Assignment Titles**

1. Reasons for Reading	15. Finding Information
2. Reading Skills (1)	16. Taking Notes and Making an Outline
3. Project: The Navajo	17. Project: Report Part One
4. Spelling Lesson 1: Words that End with -le	18. Writing a Report
5. Quiz 1	19. Project: Report Part Two
6. Spelling Quiz One	20. Project: Report Part Three
7. A Little Salt, Please	21. Spelling Lesson 3: Prefixes and Suffixes
8. Reading Skills (2)	22. Quiz 3
9. Project: Salt in the Bible	23. Spelling Quiz Three
10. Project: Book Report--Historical Fiction	24. Unit 9 Special Project
11. Spelling Lesson 2: Two Syllable Words	25. Review Game
12. Quiz 2	26. Test
13. Spelling Quiz Two	27. Alternate Test
14. Planning a Report	28. Reference

**LANGUAGE ARTS 400**  
**UNIT 10: REVIEW**

**Assignment Titles**

1. Lost (Parts One and Two)	12. Quiz 3
2. Thinking About What You Read	13. Essay: Narrative or Descriptive Writing Review
3. Quiz 1	14. Essay: Writing a Letter Review
4. Using a Dictionary	15. Report: Book Report
5. Working With Nouns, Adjectives, and Adverbs	16. Report: Writing a Report Review
6. Verbs of Action or Being	17. Unit 10 Special Project
7. Word Parts and Word Play	18. Review Game
8. Punctuating Correctly	19. Test
9. Quiz 2	20. Alternate Test
10. Study Skills and Note Taking	21. Reference
11. Recognizing Literary Forms	

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**LANGUAGE ARTS 500****COURSE OVERVIEW**

Language Arts 500 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading-** develops students' basic reading skills, including the identification of main ideas, supporting details, sequence, and facts and opinions; introduces more advanced reading skills, showing students how to make inferences and derive implied meanings; shows students how to identify parts of speech in sentences, with emphasis on nouns, adverbs, and verb tenses; develops students' capacities for identifying basic elements of narrative prose; introduces students to types of nonfiction, including biographies, autobiographies, and short essays; helps students develop basic literary comprehension skills through the reading of excerpts from *Beowulf*, *Call it Courage*, and *Gulliver's Travels* and of various short stories, nonfiction pieces, and poetry.
- **Writing-** develops students' understanding of sentence structure, providing hands-on experience with subject-verb agreement and parts of speech; emphasizes parts of speech and their roles, including adjectives, nouns, and verbs; familiarizes students with roots, affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, dialogue, poetry, and short stories; guides students through planning, organizing, writing, and revising a report.

**Curriculum Contents**

## Reading Comprehension Skills

- Comparing and Contrasting
- Determining Author's Purpose—Reading for Entertainment and Reading for Information
- Identifying Facts and Opinions
- Identifying Main Ideas and Supporting Details
- Finding Implied Meanings
- Making Inferences
- Reading Poetry
- Determining Reading Rates
- Reading Biblical Literature
- Reading Short Stories
- Reading for Sequence

## Composition

- Writing Reports—Summary
- Writing Dialogue
- Writing a Fable
- Writing with Facts and Opinions
- Writing Poetry—Pen Pictures, Couplets, and Free Verse
- Writing a Report—Outlining, Writing, and Revising
- Writing Short Stories—Coming Up with Seed Ideas, Developing Story Parts, Developing Characters, Writing, and Revising

## Grammar and Usage

- Adjectives
- Adjectives—Changing Adverbs from Adjectives, Adverb Comparison, and Negative Adverbs
- Dialogue—Using and Punctuating Dialogue
- Kinds of Sentences—Statement, Question, Command, and Surprise/Excitement
- Levels of Language Use—Formal and Informal
- Nouns—Singular and Plural Nouns, Possessives, Subjects, Objects, and Common and Proper Nouns
- Pronouns
- Pronunciation
- Punctuation—Exclamation Points, Periods, Question Marks, and Quotation Marks
- Sentence Structure—Subject/Predicate, Participles, and Phrases
- Verbs—Verb Forms

## Literature Studies

- Fiction
  - Definition—Short Story and Novel
  - Elements—Structure, Character, Dialogue, Plot, Setting, and Symbolism
  - Genre/Type—Fable and Legend
  - Literary Device—Metaphors and Similes
- Nonfiction
  - Definition
  - Genre/Type—Autobiography, Biography, Essay, History, and Articles
- Poetry
  - Definition
  - Elements—Structure, Rhyme, Meter, and Symbolism
  - Genre/Type—Ballad, Free Verse, and Limerick
  - Literary Device—Metaphors, Similes, and Sound Effects

## Speaking and Listening

- Using Appropriate Words

## Spelling

- Compound Words
- Contractions
- Confusing Spellings
- Dividing Words
- Homonyms and Antonyms
- Ordinal Numbers
- Roots and Affixes
- Sight Words
- Strategies—Digraphs and Diphthongs
- Words with Silent Letters
- Words with Silent and Irregular Letters

## Vocabulary Building

- Dictionary Skills
- Word Relationships—Synonyms, Antonyms, Heteronyms, and Homonyms
- Word Structure—Roots and Affixes

## Special Topics

- The Bible as Literature—Nonfiction, Short Story, Poetry, Drama, and Parable
- Graphic Aids—Maps, Charts, Diagrams, Captions, and Illustrations
- Dictionary Skills
- Handwriting Skills
- Origin/Development of Language—Middle and Modern English
- Study Skills—Note-Taking and Summarizing
- Word Play—Palindromes, Puns, Conundrums, and Idioms

LANGUAGE ARTS 500 UNIT 1: JESUS, OUR EXAMPLE	
Assignment Titles	
1. Course Overview	12. Essay: Using Spelling Words
2. The Author's Message	13. Spelling Quiz 2
3. Project: Finding the Topic	14. Communicating with Handwriting
4. Vowel Diphthong Design	15. Spelling Lesson 3: Silent e
5. Spelling Lesson 1: Vowel Diphthongs	16. Quiz 3
6. Quiz 1	17. Spelling Quiz 3
7. Spelling Quiz 1	18. Unit 1 Special Project
8. Narrative Elements	19. Review Game
9. Vocabulary Study: Dictionary Respellings	20. Test
10. Spelling Lesson 2: Vowel Digraphs	21. Alternate Test
11. Quiz 2	22. Reference

LANGUAGE ARTS 500 UNIT 2: WORKING WITH INFORMATION	
Assignment Titles	
1. The Author of the Story	13. Mood
2. Reading an Excerpt: CALL IT COURAGE	14. Poetry
3. Project: Outline - The Polynesian People	15. Contractions
4. Compound Words and Hyphens	16. Spelling Lesson 3: Contractions
5. Spelling Lesson 1: Compound Words	17. Quiz 3
6. Quiz 1	18. Spelling Quiz 3
7. Spelling Quiz 1	19. Unit 2 Special Project
8. Finding Main Ideas (1)	20. Review Game
9. Finding Main Ideas (2)	21. Test
10. Spelling Lesson 2: Spelling Troublemakers	22. Alternate Test
11. Quiz 2	23. Reference
12. Spelling Quiz 2	

LANGUAGE ARTS 500 UNIT 3: THE STORY OF OUR LANGUAGE	
Assignment Titles	
1. In the Beginning	13. Middle and Modern English
2. Word Study	14. Homonyms, Idioms, and Abbreviations
3. Spelling Lesson 1: Words with Many Syllables	15. Essay: Descriptive Story
4. Quiz 1	16. Spelling Lesson 3: Antonyms
5. Quiz: Spelling 1	17. Quiz 3
6. Abused Language in the Garden	18. Quiz: Spelling 3
7. Prefixes and Suffixes	19. Project: Book Report--Nonfiction
8. Phrases, Adjectives, and Adverbs	20. Unit 3 Special Project
9. Spelling Lesson 2: Silent Letters	21. Review Game
10. Quiz 2	22. Test
11. Quiz: Spelling 2	23. Alternate Test
12. Anglo-Saxon Literature; Author's Purpose	24. Reference

**LANGUAGE ARTS 500**  
**UNIT 4: EFFECTIVE COMMUNICATION**

**Assignment Titles**

- |  |                                 |
|--|---------------------------------|
| 1. Main Idea and Supporting Details                  | 14. Project: Taking Notes       |
| 2. Sentence Patterns; Speaking Courteously           | 15. The Written Report (2)      |
| 3. Spelling Lesson 1: Silent Letters                 | 16. Project: Outline            |
| 4. Quiz 1  | 17. Essay: Report               |
| 5. Spelling Quiz 1                                   | 18. Spelling Lesson 3: Homonyms |
| 6. Sensible Sentences                                | 19. Quiz 3                      |
| 7. Essay: Pollution                                  | 20. Spelling Quiz 3             |
| 8. Reading Skills                                    | 21. Unit 4 Special Project      |
| 9. Spelling Lesson 2: Same Sounds, Different Letters | 22. Review Game                 |
| 10. Quiz 2   | 23. Test                        |
| 11. Spelling Quiz 2                                  | 24. Alternate Test              |
| 12. Essay: Robin Hood                                | 25. Reference                   |
| 13. The Written Report (1)                           |                                 |

**LANGUAGE ARTS 500**  
**UNIT 5: READING AND WRITING STORIES**

**Assignment Titles**

- |   |                                 |
|---|---------------------------------|
| 1. Reading a Story                                  | 13. Quiz 2                      |
| 2. Essay: Writing a Summary                         | 14. Spelling Quiz 2             |
| 3. Judging the Value of a Story                     | 15. Story Writing               |
| 4. Project: Book Report--Historical Fiction         | 16. Essay: Short Story          |
| 5. Spelling Lesson 1: Suffixes                      | 17. Spelling Lesson 3: Prefixes |
| 6. Quiz 1   | 18. Quiz 3                      |
| 7. Spelling Quiz 1                                  | 19. Spelling Quiz 3             |
| 8. Mastering Dialogue                               | 20. Unit 5 Special Project      |
| 9. Project: Making Conversation                     | 21. Review Game                 |
| 10. Project: Seed Ideas                             | 22. Test                        |
| 11. Writing Better Sentences                        | 23. Alternate Test              |
| 12. Spelling Lesson 2: Ordinal Numbers; Suffix -ism | 24. Reference                   |

**LANGUAGE ARTS 500**  
**UNIT 6: POETRY**

**Assignment Titles**

- |                                 |  |
|---------------------------------|--|
| 1. Reading Story Poems          | 14. Poetic Ideas and Devices           |
| 2. Enjoying Poetry              | 15. Writing Poetry                     |
| 3. Project: Working with Rhythm | 16. Project: Pen Pictures and Couplets |
| 4. Spelling Lesson 1: Suffixes  | 17. Project: Free Verse Prayer         |
| 5. Quiz 1                       | 18. Project: Poetry Book               |
| 6. Spelling Quiz 1              | 19. Spelling Lesson 3: Plurals         |
| 7. Reading Humorous Poems       | 20. Quiz 3                             |
| 8. Playing With Words           | 21. Spelling Quiz 3                    |
| 9. Project: Book Report--Poetry | 22. Unit 6 Special Project             |
| 10. Spelling Lesson 2: Suffixes | 23. Review Game                        |
| 11. Quiz 2                      | 24. Test                               |
| 12. Spelling Quiz 2             | 25. Alternate Test                     |
| 13. Reading Inspirational Poems | 26. Reference                          |

**LANGUAGE ARTS 500**  
**UNIT 7: READING COMPREHENSION**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Cause and Effect                            | 16. The Story of Marc                       |
| 2. From GULLIVER'S TRAVELS                     | 17. Spelling Lesson 3: Words with /aw/      |
| 3. Essay: Land of Lilliput                     | 18. Quiz 3                                  |
| 4. Spelling Lesson 1: Homonyms                 | 19. Spelling Quiz 3                         |
| 5. Quiz 1                                      | 20. Adjectives (1)                          |
| 6. Spelling Project: Homonyms                  | 21. Project: Using Adjectives               |
| 7. Spelling Quiz 1                             | 22. Adjectives (2)                          |
| 8. Reviewing Nouns                             | 23. Spelling Lesson 4: Unexpected Spellings |
| 9. Singular and Plural Nouns                   | 24. Quiz 4                                  |
| 10. Possessive Nouns; Uses of Nouns (Case)     | 25. Spelling Quiz 4                         |
| 11. Noun Substitutes                           | 26. Unit 7 Special Project                  |
| 12. Spelling Lesson 2: Words with /sh/         | 27. Review Game                             |
| 13. Quiz 2                                     | 28. Test                                    |
| 14. Spelling Quiz 2                            | 29. Alternate Test                          |
| 15. Judgments, Inferences, Facts, and Opinions | 30. Reference                               |

**LANGUAGE ARTS 500**  
**UNIT 8: WORKING WITH WORDS**

**Assignment Titles**

1. Main Verbs	15. Aesop and Fables
2. Verb Forms	16. Essay: Fable Rewrite
3. Subject/Verb Agreement; Contractions	17. Project: Retelling Fables
4. Participles	18. Parables-Stories Jesus Told
5. Spelling Lesson 1: Suffix -ure	19. Project: Parables
6. Quiz 1	20. Spelling Lesson 3: Suffixes -al, -ial, -ual
7. Spelling Quiz 1	21. Quiz 3
8. Modifying with Adverbs	22. Spelling Quiz 3
9. Changing Adjectives into Adverbs	23. Unit 8 Special Project
10. Extra Practice: Using Adverbs in Writing	24. Review Game
11. Showing Comparisons	25. Test
12. Spelling Lesson 2: Suffixes -age, -ion	26. Alternate Test
13. Quiz 2	27. Reference
14. Spelling Quiz 2	

**LANGUAGE ARTS 500**  
**UNIT 9: READING AND STUDY SKILLS**

**Assignment Titles**

1. Improving Reading Fluency and Study Skills	13. Reviewing Literary Forms
2. A Story About Old England	14. Recognizing Facts and Opinions in a Report
3. Spelling Lesson 1: Using Syllable to Help You Spell	15. Project: Facts and Opinions Report
4. Quiz 1	16. Report: Facts and Opinions
5. Spelling Quiz 1	17. Spelling Lesson 3: Homonyms with Long /e/
6. Using Graphic Aids; Outlining	18. Quiz 3
7. A Story About Esther	19. Spelling Quiz 3
8. Report: Summary of Esther	20. Unit 9 Special Project
9. Project: Book Report--Biography	21. Review Game
10. Spelling Lesson 2: Sight Words	22. Test
11. Quiz 2	23. Alternate Test
12. Spelling Quiz 2	24. Reference

**LANGUAGE ARTS 500**  
**UNIT 10: REVIEW**

**Assignment Titles**

1. Literature	13. Using Adverbs
2. Project: Book Report--Fiction	14. Quiz 2
3. Project: Composition Folder	15. Reading and Bible Study Skills
4. Poetry	16. Types of Sentences
5. Project: Poetry Project	17. Essay: Dialogue
6. Using Nouns and Adjectives	18. Essay: Personal Reaction
7. Writing a Short Story	19. Quiz 3
8. Essay: Short Story	20. Unit 10 Special Project
9. Quiz 1	21. Review Game
10. Reading Comprehension	22. Test
11. Using Word Study Skills	23. Alternate Test
12. Using Verbs	24. Reference



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## LANGUAGE ARTS 600

### COURSE OVERVIEW

Language Arts 600 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—develops students' reading skills, including the identification of main ideas, supporting details, sequence, and facts and opinions; introduces more advanced reading skills, showing students how to analyze propaganda, make inferences, and determine the author's authority; shows students how to identify parts of speech in sentences, with emphasis on kinds and uses of nouns, pronouns, and verb tenses; develops students' capacities for identifying basic elements of narrative prose; enhances students' abilities for reading newspaper articles and informative nonfiction; helps students develop basic literary comprehension skills through the reading of short stories, nonfiction pieces, and poetry.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with subject-verb agreement, participles, and phrases; emphasizes parts of speech and their roles, including adjectives, nouns, and verbs; familiarizes students with roots, affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, business letters, poetry, and short stories; guides students through planning, organizing, writing, and revising a report.
- **Special Topics**—teaches dictionary skills and comprehension of graphic visual aids; introduces students to Biblical literature topics.

### Curriculum Contents

#### Reading Comprehension Skills

- Analyzing Propaganda
- Comparing and Contrasting
- Determining Author's Purpose—Reading for Entertainment and Reading for Information
- Determining Author's Reliability
- Evaluating a Text Based on Biblical Merit
- Identifying Facts and Opinions
- Identifying Main Ideas and Supporting Details
- Finding Implied Meanings
- Reading Newspaper Articles
- Reading Poetry
- Reading Biblical Literature
- Reading Short Stories

#### Composition

- Paragraph Elements and Structure
- Paraphrasing a Psalm
- Report—on Sheep
- Using Invented Words
- Writing a Business Letter
- Writing Poetry—Pen Pictures, Cinquains, and Shaped Poems
- Writing a Report—Outlining, Writing, and Revising
- Writing with Metaphors
- Writing Short Stories—Plot, Setting, Structure, and Character Development

## Grammar and Usage

- Adjectives—Comparative Adjectives, Superlative Adjectives, and Articles
- Adverbs—Comparative Adverbs and Superlative Adverbs
- Interjections
- Kinds of Sentences—Statement, Question, Command, and Surprise/Excitement
- Nouns—Plural, Possessive, and Common and Proper Nouns
- Pronouns—Pronoun Case, Personal Pronouns, and Demonstrative Pronouns
- Punctuation—Exclamation Points, Periods, Question Marks, and Commas
- Sentence Structure—Subject/Predicate, Prepositions, and Phrases
- Verbs—Verb Tense, Irregular Verbs, Auxiliary Verbs, Person, Number, and Compound Verbs

## Literature Studies

- Fiction
  - Elements—Structure, Character, Plot, and Setting
  - Genre/Type—Fable, Legend, Animal Story, Myth, Fairy Tale, Adventure, Historical Piece, Mystery, and Science Fiction
- Nonfiction
  - Definition
  - Elements—Organization and Diction
  - Genre/Type—Autobiography, Biography, Propaganda, and Articles
- Poetry
  - Definition
  - Elements—Structure, Rhyme, Meter, and Diction
  - Genre/Type—Ballad, Free Verse, Limerick, Shaped Poem, Epic, Narrative, and Pen Picture
  - Literary Device—Metaphors, Similes, Alliteration, Sound Effects, and Parallelism

## Speaking and Listening

- Speaking Qualities

## Spelling

- Homonyms
- Words with /sh/ sound
- Roots and Affixes

## Vocabulary Building

- Dictionary Skills
- Word Relationships—Synonyms, Antonyms, and Homonyms
- Word Structure—Roots and Affixes

## Special Topics

- The Bible as Literature—Nonfiction, Short Story, Poetry, Drama, and Parable
- The Nature of Advertising
- Creating an Advertisement
- Graphic Aids—Charts and Graphs
- Reference Materials—Dictionary, Encyclopedia, Almanac, Atlas, Who's Who, Thesaurus, and Concordance
- Study Skills—Note-Taking
- Word Play—Palindromes, Puns, and Conundrums

**LANGUAGE ARTS 600**  
**UNIT 1: ELEMENTS OF GRAMMAR**

**Assignment Titles**

- |                      |                                    |
|----------------------|------------------------------------|
| 1. Course Overview   | 14. Spelling Lesson 3              |
| 2. The Sentence      | 15. Quiz 3                         |
| 3. Sentence Types    | 16. Spelling Quiz 3                |
| 4. Spelling Lesson 1 | 17. Pronouns                       |
| 5. Quiz 1            | 18. Prepositions                   |
| 6. Spelling Quiz 1   | 19. Conjunctions and Interjections |
| 7. Nouns             | 20. Quiz 4                         |
| 8. Verbs             | 21. Unit 1 Special Project         |
| 9. Spelling Lesson 2 | 22. Review Game                    |
| 10. Quiz 2           | 23. Test                           |
| 11. Spelling Quiz 2  | 24. Alternate Test                 |
| 12. Adjectives       | 25. Reference                      |
| 13. Adverbs          |                                    |

**LANGUAGE ARTS 600**  
**UNIT 2: GRAMMAR USAGE**

**Assignment Titles**

- |                                   |                                    |
|-----------------------------------|------------------------------------|
| 1. Capitalization                 | 14. Using Auxiliary Verbs          |
| 2. Punctuation                    | 15. Spelling Lesson 3              |
| 3. Spelling Lesson 1              | 16. Quiz 3                         |
| 4. Quiz 1                         | 17. Spelling Quiz 3                |
| 5. Spelling Quiz 1                | 18. Using Adjectives and Adverbs   |
| 6. Word Parts                     | 19. Fragments and Run-on Sentences |
| 7. Word Parts: Exercises          | 20. Quiz 4                         |
| 8. Synonyms, Antonyms, and Idioms | 21. Unit 2 Special Project         |
| 9. Spelling Lesson 2              | 22. Review Game                    |
| 10. Quiz 2                        | 23. Test                           |
| 11. Spelling Quiz 2               | 24. Alternate Test                 |
| 12. Person and Number of Verbs    | 25. Reference                      |
| 13. Principal Parts of Verbs      |                                    |

**LANGUAGE ARTS 600**  
**UNIT 3: READING SKILLS**

**Assignment Titles**

- |   |                                       |
|---|---------------------------------------|
| 1. Developing Reading Skills                        | 13. Project: Book Report: Short Story |
| 2. Developing Vocabulary                            | 14. Analyzing Story Structure         |
| 3. Spelling Lesson 1: /sh/                          | 15. Comparing and Contrasting Stories |
| 4. Quiz 1   | 16. Spelling Lesson 3: Homonyms       |
| 5. Spelling Quiz 1                                  | 17. Quiz 3                            |
| 6. Finding Relationships: Sequence/Cause and Effect | 18. Spelling Quiz 3                   |
| 7. Comprehension: Distinguishing Fact from Opinion  | 19. Unit 3 Special Project            |
| 8. Reading to Comprehend                            | 20. Review Game                       |
| 9. Spelling Lesson 2: /sh/                          | 21. Test                              |
| 10. Quiz 2  | 22. Alternate Test                    |
| 11. Spelling Quiz 2                                 | 23. Reference                         |
| 12. Reading Critically                              |                                       |

**LANGUAGE ARTS 600**  
**UNIT 4: WRITING SKILLS**

**Assignment Titles**

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| 1. Paragraph Writing                | 14. Spelling Lesson 2: -ing         |
| 2. Essay: Paragraph                 | 15. Spelling Quiz 2                 |
| 3. Essay: Autobiography             | 16. Writing the Report              |
| 4. Business Letters                 | 17. Project: Research--Final Report |
| 5. Project: Business Letter         | 18. Spelling Lesson 3               |
| 6. Report Writing: Preparation      | 19. Quiz 2                          |
| 7. Spelling Lesson 1: Plurals       | 20. Spelling Quiz 3                 |
| 8. Quiz 1                           | 21. Unit 4 Special Project          |
| 9. Spelling Quiz 1                  | 22. Review Game                     |
| 10. Report Writing: Researching     | 23. Test                            |
| 11. Project: Research--Taking Notes | 24. Alternate Test                  |
| 12. Outlining                       | 25. Reference                       |
| 13. Project: Research--Outline      |                                     |

**LANGUAGE ARTS 600**  
**UNIT 5: NEWSPAPERS AND PROPAGANDA**

**Assignment Titles**

- |  |  |
|--|--|
| 1. The Newspaper                             | 13. Recognizing Propaganda                                   |
| 2. Fact and Opinion in News Reports          | 14. Project: Propaganda                                      |
| 3. Report: Newspapers Today                  | 15. Spelling Lesson 3: Plurals, Homonyms, and the /sh/ Sound |
| 4. Analyzing a News Story                    | 16. Spelling Quiz 3  |
| 5. Project: News Story                       | 17. Quiz 2   |
| 6. Spelling Lesson 1: Words That Sound Alike | 18. Unit 5 Special Project                                   |
| 7. Quiz 1                                    | 19. Review Game  |
| 8. Spelling Quiz 1                           | 20. Test   |
| 9. Propaganda                                | 21. Alternate Test   |
| 10. Project: Advertisement                   | 22. Reference  |
| 11. Spelling Lesson 2                        |  |
| 12. Spelling Quiz 2                          |  |

**LANGUAGE ARTS 600**  
**UNIT 6: LITERARY FORMS**

**Assignment Titles**

- |                                     |                            |
|-------------------------------------|----------------------------|
| 1. Spelling Lesson 1                | 11. Mood                   |
| 2. Spelling Quiz 1                  | 12. Spelling Lesson 3      |
| 3. Poetry                           | 13. Quiz 2                 |
| 4. Types of Prose Fiction           | 14. Spelling Quiz 3        |
| 5. Types of Prose Fiction (2)       | 15. Unit 6 Special Project |
| 6. Spelling Lesson 2                | 16. Review Game            |
| 7. Quiz 1                           | 17. Test                   |
| 8. Spelling Quiz 2                  | 18. Alternate Test         |
| 9. Prose Nonfiction                 | 19. Reference              |
| 10. Project: Book Report: Biography |                            |

**LANGUAGE ARTS 600**  
**UNIT 7: READING FOR A PURPOSE**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Judging a Book                               | 13. Reading for Inspiration (1)                    |
| 2. An Author's Use of Expressive Language       | 14. Reading for Inspiration (2)                    |
| 3. Spelling Lesson 1                            | 15. Essay: Lambs in the Bible                      |
| 4. Quiz 1                                       | 16. Spelling Lesson 3: Suffixes and the /sh/ Sound |
| 5. Spelling Quiz 1                              | 17. Quiz 3   |
| 6. Nonfiction Comprehension Practice            | 18. Spelling Quiz 3                                |
| 7. Nonfiction: Main Idea and Supporting Details | 19. Project: Book Report: Novel                    |
| 8. Project: Outline                             | 20. Unit 7 Special Project                         |
| 9. Report: Sheepherding                         | 21. Review Game                                    |
| 10. Spelling Lesson 2                           | 22. Test   |
| 11. Quiz 2                                      | 23. Alternate Test                                 |
| 12. Spelling Quiz 2                             | 24. Reference                                      |

**LANGUAGE ARTS 600****UNIT 8: POETRY****Assignment Titles**

- |                                 |  |
|---------------------------------|--|
| 1. Characteristics of Poetry    | 17. Project: Cinquain and Shaped Poems |
| 2. Free Verse                   | 18. Spelling Lesson 3                  |
| 3. Project: Youthfulness        | 19. Quiz 2                             |
| 4. Spelling Lesson 1            | 20. Spelling Quiz 3                    |
| 5. Quiz 1                       | 21. Musical Poems                      |
| 6. Spelling Quiz 1              | 22. Report: Lullabies                  |
| 7. Figures of Speech: Similes   | 23. Word Play: Riddles/Conundrums      |
| 8. Figures of Speech: Metaphors | 24. Limericks                          |
| 9. Project: Metaphors           | 25. Project: Limericks                 |
| 10. Poetic Devices              | 26. Palindromes                        |
| 11. Essay: Invented Words       | 27. Quiz 3                             |
| 12. Spelling Lesson 2           | 28. Unit 8 Special Project             |
| 13. Spelling Quiz 2             | 29. Review Game                        |
| 14. Poetic Forms (1)            | 30. Test                               |
| 15. Project: Pen Picture        | 31. Alternate Test                     |
| 16. Poetic Forms (2)            | 32. Reference                          |

**LANGUAGE ARTS 600****UNIT 9: BIBLE LITERATURE****Assignment Titles**

- |                            |                            |
|----------------------------|----------------------------|
| 1. The Bible as Literature | 13. Spelling Quiz 2        |
| 2. A Bible Story           | 14. Bible History          |
| 3. Project: Bible Stories  | 15. Law                    |
| 4. Parables and Proverbs   | 16. Spelling Lesson 3      |
| 5. Spelling Lesson 1       | 17. Quiz 3                 |
| 6. Quiz 1                  | 18. Spelling Quiz 3        |
| 7. Spelling Quiz 1         | 19. Unit 9 Special Project |
| 8. Bible Poetry            | 20. Review Game            |
| 9. Project: Psalm 19       | 21. Test                   |
| 10. Prophetic Writing      | 22. Alternate Test         |
| 11. Spelling Lesson 2      | 23. Reference              |
| 12. Quiz 2                 |                            |

**LANGUAGE ARTS 600****UNIT 10: REVIEW****Assignment Titles**

- |  |   |
|--|---|
| 1. Patterns in Language                        | 12. Project: Advertising                  |
| 2. Capitalization and Punctuation              | 13. Essay: The President's Thoughts       |
| 3. Quiz 1                                      | 14. Communication: Letters and Newspapers |
| 4. Organization in Literary Forms              | 15. Project: Newspaper                    |
| 5. Quiz 2                                      | 16. Quiz 4                                |
| 6. Project: Planning and Writing a Short Story | 17. Unit 10 Special Project               |
| 7. Literary Forms (1)                          | 18. Review Game                           |
| 8. Project: Fish Story                         | 19. Test                                  |
| 9. Literary Forms (2)                          | 20. Alternate Test                        |
| 10. Quiz 3                                     | 21. Reference                             |
| 11. Forms of Communication                     |   |

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## LANGUAGE ARTS 700

### COURSE OVERVIEW

Language Arts 700 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—develops students' reading skills, including the identification of main ideas, supporting details, and sequence; teaches students how to reach logical conclusions as well as use appropriate reading rates; shows students how to identify parts of speech in sentences, with emphasis on adjectives, adverbs, conjunctions, pronouns, and verb types; helps students develop basic literary comprehension skills through the reading of biographical and autobiographical pieces, poetry, and character analyses.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with coordination, conjunctions, subject-verb agreement, participles, and phrases; familiarizes students with roots, affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, character analyses, character sketches, short biographies, and summaries; develops students' critical thinking skills through speculative writing on morality.
- **Speaking**—teaches skills that enable students to become effective speakers and communicators, weaving the skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons; builds upon students' study skills.

#### Curriculum Contents

##### Reading Comprehension Skills

- Analyzing Characters
- Determining Author's Purpose—Reading for Entertainment and Reading for Information
- Identifying Main Ideas and Supporting Details
- Reaching Logical Conclusions
- Reading Nonfiction

##### Composition

- Character Analysis
- Character Sketch
- Essay Structure—Five Paragraph Essay
- Paragraph Elements—Topic
- Paragraph Organization—Sequence, Unity, and Format
- Paragraph Structure—Transitional, Inductive, and Deductive
- Speculative Writing
- Summarizing
- Writing a Biography
- Writing and Listening
- Writing on Morality and Feelings
- Writing a Report

## Grammar and Usage

- Adjectives
- Kinds of Sentences—Declarative, Interrogative, Imperative, and Exclamatory
- Levels of Language Use—Standard, Nonstandard, Formal, and Informal
- Nouns—Common Nouns, Proper Nouns, and Direct Objects
- Pronouns—Nominative, Objective, Possessive, Reflexive, Demonstrative, and Archaic
- Punctuation—Apostrophes, Quotation Marks, Hyphens, and Parentheses
- Sentence Structure
  - Coordination
  - Errors in Construction—Fragments, Comma Splices, and Run-ons
  - Patterns
  - Prepositions and Prepositional Phrases
  - Subjects and Predicates
- Verbs—Tense, Irregular, and Auxiliary

## Literature Studies

- Nonfiction
  - Definition
  - Elements—Setting, Characterization, and Purpose
  - Genre/Type—Autobiography and Biography
  - Literary Device—Flashback and Foreshadowing

## Speaking and Listening

- Listening Strategies
- Speaking Strategies
- Types of Listening—Passive, Purposeful, Critical, Appreciative, and Conversational
- Voice—Pitch, Accent, Pause, and Intonation

## Spelling

- Contractions
- Homonyms
- Words with “ei,” “ie,” “y,” and “ou”
- Confused and Mispronounced Words
- Hyphenated Words
- Roots and Affixes
- Word Endings

## Vocabulary Building

- Etymology
- Word Relationships—Synonyms, Antonyms, and Homonyms
- Word Structure—Roots and Affixes
- Word Study—Feeling Words and Signal Words

## Special Topics

- English Variations—Dialects
- Reference Materials—Encyclopedia and Internet
- Research Skills
- Study Skills—Note-Taking and Summarizing

**LANGUAGE ARTS 700**  
**UNIT 1: NOUNS, PRONOUNS, AFFIXES, AND USING WORDS CORRECTLY**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Course Overview                                   | 13. Quiz 2: Using Pronouns                  |
| 2. Documentation                                     | 14. Spelling Quiz 2                         |
| 3. Nouns As Labels; Related Nouns; Categories        | 15. Using the Right Prefix                  |
| 4. Common and Proper Nouns                           | 16. Suffixes Change Spelling/Part of Speech |
| 5. Report: The Meaning of Names                      | 17. Using Mnemonic Devices for Homonyms     |
| 6. Spelling Lesson 1: Content Words; ei and ie       | 18. Spelling Lesson 3: Common Homonyms      |
| 7. Quiz 1: Using Nouns                               | 19. Quiz 3: Cumulative                      |
| 8. Spelling Quiz 1                                   | 20. Spelling Quiz 3                         |
| 9. Personal Pronoun Case                             | 21. Unit 1 Special Project                  |
| 10. Reflexive Pronouns; Archaic Pronouns             | 22. Test                                    |
| 11. Demonstratives; Pronoun-Antecedent Agreement     | 23. Alternate Test                          |
| 12. Spelling Lesson 2: General/Easily Confused Words | 24. Reference                               |

**LANGUAGE ARTS 700**  
**UNIT 2: USAGE; SPEAKING AND LISTENING; VERB TENSES**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Speaking Expressively                           | 13. Verbs: Present Tense                    |
| 2. Retelling a Story: Alfred the Great             | 14. Past Tense: Regular and Irregular Verbs |
| 3. Project: Story-telling                          | 15. Auxiliary Verbs/Future Tense            |
| 4. Report: Alfred the Great                        | 16. Verbs: Perfect Tenses and Conjugation   |
| 5. Spelling Lesson 1: Multisyllable Words          | 17. Spelling Lesson 3: General Words        |
| 6. Quiz 1: Speaking Expressively                   | 18. Quiz 3: Speaking/Listening; Verb Tenses |
| 7. Spelling Quiz 1                                 | 19. Spelling Quiz 3                         |
| 8. Adjusting Listening to Purpose                  | 20. Book Report: Novel                      |
| 9. Essay: Listening                                | 21. Unit 2 Special Project                  |
| 10. Spelling Lesson 2: Frequently Misspelled Words | 22. Test                                    |
| 11. Quiz 2: Speaking and Listening                 | 23. Alternate Test                          |
| 12. Spelling Quiz 2                                | 24. Reference                               |

**LANGUAGE ARTS 700**  
**UNIT 3: BIOGRAPHIES AND GRAMMAR (AFFIXES)**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Biography: William Tyndale              | 12. Suffixes: Finding                     |
| 2. Sequence of Events                      | 13. Meaning of Suffixes/Parts of Speech   |
| 3. Essay: Special Day                      | 14. Prefixes and Suffixes                 |
| 4. Flashback and Inferences in Biography   | 15. Spelling Lesson 2: Words with Affixes |
| 5. Project: Biography                      | 16. Quiz 2: Affixes, Biography, Sequence  |
| 6. Book Report: Biography                  | 17. Spelling Quiz 2                       |
| 7. Spelling Lesson 1: General/ -le and -el | 18. Unit 3 Special Project                |
| 8. Quiz 1: Biographies/Sequence of Events  | 19. Test                                  |
| 9. Spelling Quiz 1                         | 20. Alternate Test                        |
| 10. Prefixes: Finding                      | 21. Reference                             |
| 11. Prefixes: Meanings                     |   |



**LANGUAGE ARTS 700**  
**UNIT 4: STRUCTURE OF WRITTEN AND SPOKEN LANGUAGE**

**Assignment Titles**

1. Structure: Subject and Predicate	12. Quiz 2: Sentence Structure and Variety
2. Patterns: Inverted, Compound Parts, S/V/DO	13. Spelling Quiz 2
3. Patterns: S/LV/PN, S/LV/PA, S/V/IO/DO	14. Pitch/Accent/Pause
4. Essay: Using Sentence Patterns	15. Punctuating Pauses
5. Spelling Lesson 1: Content Area Words	16. Spelling Lesson 3: General
6. Quiz 1: Sentence Structure and Patterns	17. Quiz 3: Cumulative
7. Spelling Quiz 1	18. Spelling Quiz 3
8. Writing Complete Sentences	19. Unit 4 Special Project
9. Structure; Word Choice; Ambiguity	20. Test
10. Effective Sentences: Vivid Modifiers	21. Alternate Test
11. Spelling Lesson 2: General	22. Reference

**LANGUAGE ARTS 700**  
**UNIT 5: THE ENGLISH LANGUAGE**

**Assignment Titles**

1. Words That Signal Types of Organization	15. Verb Tense: Past and Present
2. Words That Express Feelings	16. Direct Object
3. Essay: Words for Feelings	17. Verbs Often Confused: Lie/Lay
4. Spelling Lesson 1: Using y and ou	18. Verbs Often Confused: Sit/Set
5. Quiz 1: Signal Words and Words for Feelings	19. Verbs Often Confused: Rise/Raise
6. Spelling Quiz 1	20. Verbs Often Confused: Review
7. Formal, Informal, Nonstandard English	21. Pronouns Often Confused
8. Smooth and Clear Expression	22. Spelling Lesson 3: Past Tense Verbs
9. Essay: Informal/Formal English	23. Quiz 3: Cumulative
10. Spelling Lesson 2: Homonyms	24. Spelling Quiz 3
11. Quiz 2 Cumulative	25. Unit 5 Special Project
12. Spelling Quiz 2	26. Test
13. Subject-Verb Agreement in Number	27. Alternate Test
14. Form of Action Verbs	28. Reference

**LANGUAGE ARTS 700**  
**UNIT 6: MECHANICS AND STRUCTURE OF ENGLISH**

**Assignment Titles**

1. Capital Letters 1	15. Subjects and Predicates
2. Capital Letters 2	16. Complements
3. Spelling Lesson 1: Adjectives and Adverbs	17. Adjectives
4. Quiz 1: Capitalization	18. Adverbs
5. Spelling Quiz 1	19. Prepositional Phrases as Modifiers
6. Apostrophe	20. Quiz 3: Structure and Mechanics
7. Quotation Marks	21. Coordination
8. Parentheses/Hyphen	22. Spelling Lesson 3: General Words
9. Comma	23. Quiz 4: Cumulative
10. Punctuation Review	24. Spelling Quiz 3
11. Essay: Importance of Language Mechanics	25. Unit 6 Special Project
12. Spelling Lesson 2: Special Types of Words	26. Test
13. Quiz 2: Capitals and Punctuation	27. Alternate Test
14. Spelling Quiz 2	28. Reference

**LANGUAGE ARTS 700**  
**UNIT 7: THE HIDING PLACE: A STUDY GUIDE**

**Assignment Titles**

1. Chapters 1-3: Flashback/Foreshadowing	15. Quiz 2: The Hiding Place, chapters 6-9
2. Chapters 4-5: Reading for Details	16. Spelling Quiz 2
3. Understanding Characters	17. Chapter 10: Sequence
4. Essay: Occupied	18. Chapters 11-13: Reading for Details
5. Report: World War II	19. Chapters 14-15: Understand Characters
6. Report: Dietrich Bonhoeffer	20. Author's Purpose/Modes of Writing
7. Spelling Lesson 1: Noun Suffixes	21. Essay: Character Sketch
8. Quiz 1: The Hiding Place, chapters 1-5	22. Spelling Lesson 3: Noun Suffixes
9. Spelling Quiz 1	23. Quiz 3: The Hiding Place, chapters 10-15
10. Chapters 6-7: Comprehension	24. Spelling Quiz 3
11. Chapter 8-9: Suspense	25. Unit 7 Special Project
12. Interpretation and Communication	26. Test
13. Essay: Pickwick	27. Alternate Test
14. Spelling Lesson 2: Verb Suffixes	28. Reference

**LANGUAGE ARTS 700**  
**UNIT 8: NONFICTION AND COMMUNICATION**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. Nonfiction Literature: Helen Keller             | 11. Spelling Quiz 2                |
| 2. Nonfiction Literature: The Apple Tree Switch    | 12. Communicating with Gestures    |
| 3. Spelling Lesson 1: General                      | 13. Spelling Lesson 3: General     |
| 4. Quiz 1: Nonfiction                              | 14. Quiz 3: Speaking with Gestures |
| 5. Spelling Quiz 1                                 | 15. Spelling Quiz 3                |
| 6. Learning to Listen Review                       | 16. Unit 8 Special Project         |
| 7. Note-taking and Summarizing                     | 17. Test                           |
| 8. Essay: Summary                                  | 18. Alternate Test                 |
| 9. Spelling Lesson 2: General                      | 19. Reference                      |
| 10. Quiz 2: Listening, Summarizing, and Nonfiction |                                    |

**LANGUAGE ARTS 700**  
**UNIT 9: WRITING AND PRONUNCIATION**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Sentence Types: Introduction                      | 15. Quiz 2: Writing Paragraphs and Mechanics     |
| 2. Sentence Types: Declarative/Interrogative         | 16. Spelling Quiz 2                              |
| 3. Sentence Types: Imperative/Exclamatory            | 17. Pronunciation                                |
| 4. Sentence Errors: Fragments                        | 18. Regional Differences in Pronunciation        |
| 5. Sentence Errors: Comma Splice/Run-on              | 19. Words in Reading/Nonsense Words              |
| 6. Spelling Lesson 1: General and Content Area Words | 20. Essay: A Nonsense Poet                       |
| 7. Quiz 1: Correct Sentences                         | 21. Project: Limericks                           |
| 8. Spelling Quiz 1                                   | 22. Spelling Lesson 3: Words Often Mispronounced |
| 9. Paragraph Format/Topic Sentence                   | 23. Quiz 3: Cumulative                           |
| 10. Paragraph Unity and Sequence                     | 24. Spelling Quiz 3                              |
| 11. Deductive/Inductive/Transitional Paragraphs      | 25. Unit 9 Special Project                       |
| 12. Essay: Paragraph Practice                        | 26. Test   |
| 13. Project: Paragraph Self Check                    | 27. Alternate Test                               |
| 14. Spelling Lesson 2: Noun and Adjective Suffixes   | 28. Reference                                    |

**LANGUAGE ARTS 700**

**UNIT 10: REVIEW**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Verb Tense   | 16. Project: Punctuation Practice         |
| 2. Verb Agreement and Confusion                                       | 17. Spelling Review Lessons 3 and 4       |
| 3. Nouns and Pronouns   | 18. Review Quiz 2                         |
| 4. Reflexive and Demonstrative Pronouns; Pronoun-Antecedent Agreement | 19. Spelling Quiz 2                       |
| 5. Adjectives/Adverbs   | 20. Communication: Writing and Reading    |
| 6. Prepositional Phrases  | 21. Book Report: Short Story              |
| 7. Sentence Patterns and Types  | 22. Communication: Speaking and Listening |
| 8. Spelling Review Lessons 1 and 2                                    | 23. Project: Autobiography                |
| 9. Review Quiz 1  | 24. Spelling Review Lessons 5 and 6       |
| 10. Spelling Quiz 1   | 25. Review Quiz 3                         |
| 11. Capitalization  | 26. Spelling Quiz 3                       |
| 12. Apostrophe  | 27. Unit 10 Special Project               |
| 13. Quotation Marks/Parentheses                                       | 28. Test                                  |
| 14. Hyphens/Commas  | 29. Alternate Test                        |
| 15. Mechanics: Cumulative Practice                                    | 30. Reference                             |

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**LANGUAGE ARTS 800****COURSE OVERVIEW**

Language Arts 800 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to analyze propaganda and other forms of writing, including biographies, autobiographies, formal essays, and informal essays; shows students how to make denotative, symbolic, and connotative readings of a text; introduces both Old English and Middle English languages and literature to develop students' understanding of English language formation and development; prepares students for the higher level literary comprehension skills required in the upper grades.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with conjunctions, transitions, clauses, and common sentence errors; teaches language histories and etymologies to help students build on knowledge of word structures, including topics like prefixes, roots, and suffixes; expands on students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing business letters, friendly letters, informal essays, and basic literature analyses.
- **Speaking**—offers students experience in delivering oral reports; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons; builds upon students' study skills, as well as helping them become reliable and efficient note takers.

**Curriculum Contents**

## Reading Comprehension Skills

- Analysis of Propaganda
- Denotation, Connotation, and Symbolism
- Elements of Narrative Prose
- Following Written Directions
- Reading Formal and Informal Essays
- Reading Skills—Fact versus Opinion, Validity, and Authority

## Composition

- Essay/Report—Structure and Process
- Paragraph Elements and Structure
- Writing Informal Essays
- Writing Paragraphs
- Writing Business and Friendly Letters

## Grammar and Usage

- Conjunctions—Subordinating, Correlative, and Coordinating
- Clauses—Adjective, Adverb, and Dependent/Independent
- Capitalization
- Grammar Errors—Sentence Construction Errors
- Introductory Expressions—Interjections, Participle Phrases, and Adverb Clauses
- Levels of Language Use—Standard/Nonstandard
- Parts of Speech—Nouns, Verbs, Pronouns, Adverbs, Adjectives, and Interjections
- Punctuation—Apostrophes, Hyphens, Italics, Commas, and End Punctuation
- Sentence Structure—Tense, Number, Person, and Transitions

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### Literature Studies

- Nonfiction—Biography and Autobiography
- Survey of English Literature—Old and Middle English

### Speaking and Listening

- Direct/Indirect Communication
- Following Instructions
- Listening Skills—Strategies, Comprehension, and Note-Taking
- Nonverbal Communication
- Oral Report
- Speaking Skills—Purpose, Organization, and Delivery

### Spelling

- Affixes
- Homonyms
- Borrowed Words
- Confused Spellings
- Silent Letters
- Words with “ei” and “ie”
- Words with “-ize,” “-yze,” “-ise,” “-ent,” “-ant,” “-ance,” “-ence,” “-able,” and “-ible” Endings

### Vocabulary Building

- Confusing Words
- Connotation/Denotation
- Dictionary Skills
- Etymology
- Roots, Prefixes, and Suffixes
- Word Categorization
- Word Relationships

### Special Topics

- Diacritical Marks
- English Variations
- Etymology
- Media Comprehension
- Note-taking
- Origin/Development of Language—Indo-European, Old and Middle English, and American English
- Use of Reference Materials

**LANGUAGE ARTS 800**  
**UNIT 1: COMMUNICATION**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Course Overview                                      | 15. Suffixes Change the Spelling of Roots |
| 2. Documentation  | 16. Spelling Lesson 2: General            |
| 3. Improving Your Reading: Using Word Parts             | 17. Quiz 2: Cumulative                    |
| 4. Inflections Add Grammatical Meaning                  | 18. Spelling Quiz 2                       |
| 5. Word Roots from Latin and Greek                      | 19. Communication Without Words           |
| 6. Categorizing Words and Analogies                     | 20. Direct Nonverbal Communication        |
| 7. Book Report: Pre-1900 Novel                          | 21. Spelling Lesson 3: Affixes            |
| 8. Spelling Lesson 1: Using ie and ei                   | 22. Quiz 3: Communicating Without Words   |
| 9. Quiz 1: Word Parts/Categories/Analogies              | 23. Spelling Quiz 3                       |
| 10. Spelling Quiz 1                                     | 24. Unit 1 Special Project                |
| 11. Following Directions                                | 25. Test                                  |
| 12. Project: Directions                                 | 26. Alternate Test                        |
| 13. Project: Writing Directions from a Prompt           | 27. Reference                             |
| 14. Essay: Write a Technical Document Giving Directions |   |

**LANGUAGE ARTS 800**  
**UNIT 2: DEVELOPMENT AND USAGE OF ENGLISH**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Development of Language: Origins and Dialects | 14. Quiz 2: Classification of Words           |
| 2. The Indo-European Family                      | 15. Spelling Quiz 2                           |
| 3. Spelling Lesson 1: General/Content Area       | 16. Adjectives and Adjective Phrases          |
| 4. Quiz 1: History of the English Language       | 17. Adverbs and Adverb Phrases                |
| 5. Spelling Quiz 1                               | 18. Book Report: Short Story                  |
| 6. Word Classes--Nouns                           | 19. Spelling Lesson 3: Adjectives and Adverbs |
| 7. Personal and Possessive Pronouns              | 20. Quiz 3: Cumulative                        |
| 8. Other Kinds of Pronouns                       | 21. Spelling Quiz 3                           |
| 9. Verbs   | 22. Unit 2 Special Project                    |
| 10. Adjectives and Adverbs                       | 23. Test                                      |
| 11. Project: Descriptive Paragraph               | 24. Alternate Test                            |
| 12. Essay: Writing About an Event                | 25. Reference                                 |
| 13. Spelling Lesson 2: General                   |   |

**LANGUAGE ARTS 800**  
**UNIT 3: PUNCTUATION AND LITERATURE**

**Assignment Titles**

- |   |                                     |
|---|-------------------------------------|
| 1. Ending a Thought: End Punctuation        | 13. Spelling Quiz 2                 |
| 2. Using Punctuation to Link Clauses        | 14. The Informal Essay              |
| 3. Interrupting a Thought                   | 15. The Anecdote                    |
| 4. Following an Introduction                | 16. Essay: Informal Essay           |
| 5. Spelling Lesson 1: -ant and -ent Endings | 17. Spelling Lesson 3: -able, -ible |
| 6. Quiz 1: Punctuation                      | 18. Quiz 3: Punctuation and Essays  |
| 7. Spelling Quiz 1                          | 19. Spelling Quiz 3                 |
| 8. The Formal Essay                         | 20. Unit 3 Special Project          |
| 9. Analyzing a Formal Essay                 | 21. Test                            |
| 10. Project: Analysis of an Essay           | 22. Alternate Test                  |
| 11. Spelling Lesson 2: -ise, -ize, -yze     | 23. Reference                       |
| 12. Quiz 2: Punctuation/The Formal Essay    |                                     |

**LANGUAGE ARTS 800**  
**UNIT 4: WORDS AND HOW TO USE THEM**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Spelling Lesson 1: Develop Spelling Sense                     | 10. Confusing Words                       |
| 2. Spelling Quiz 1   | 11. Quiz 2: Using Words Correctly         |
| 3. Using the Dictionary  | 12. Spelling Lesson 3: General            |
| 4. Diacritical Marks   | 13. Spelling Quiz 3                       |
| 5. Using a Thesaurus   | 14. Project: Book Report: Post-1900 Novel |
| 6. Quiz 1: Understanding Words (Dictionary and Thesaurus Skills) | 15. Unit 4 Special Project                |
| 7. Spelling Lesson 2: General and Homonyms                       | 16. Test                                  |
| 8. Spelling Quiz 2   | 17. Alternate Test                        |
| 9. Standard and Nonstandard Usage                                | 18. Reference                             |

**LANGUAGE ARTS 800**  
**UNIT 5: CORRECT LANGUAGE USAGE**

**Assignment Titles**

1. The Apostrophe	15	Project: Speech
2. The Hyphen	16.	Spelling Lesson 2: Content Words
3. Quotation Marks	17.	Quiz 2: Punctuation, Usage, and Spoken Language
4. Parentheses and Italics	18.	Spelling Quiz 2
5. Capitalization	19.	Review of Homonyms, Synonyms and Antonyms
6. Essay: Choice of Topic	20.	Vocabulary Development: Word Pairs
7. Abbreviations and Acronyms	21.	Spelling Lesson 3: Difficult Word Pairs
8. Numbers and Figures	22.	Quiz 3: Correct Usage
9. Spelling Lesson 1: General and Content Words	23.	Spelling Quiz 3
10. Quiz 1: Written Language	24.	Unit 5 Special Project
11. Spelling Quiz 1	25.	Test
12. Spoken Language: Biblical Standards	26.	Alternate Test
13. Project: Biblical Speech	27.	Reference
14. Speaking Qualities		

**LANGUAGE ARTS 800**  
**UNIT 6: LANGUAGE AND LITERATURE**

**Assignment Titles**

1. The Old English Period	14.	Quiz 2: The Construction of Sentences
2. The Old English Language and Literature	15	Spelling Quiz 2
3. Report: Anglo-Saxon Culture/Literature	16.	The Elements of Autobiography
4. Middle English	17.	Autobiographical Excerpt: Jesse Stuart
5. Report: Geoffrey Chaucer	18.	Autobiographical Excerpt: Admiral Byrd
6. Spelling Lesson 1: -ance, -ence, -ense	19.	Essay: Autobiography
7. Quiz 1: The History of the English Language	20.	Spelling Lesson 3: Vocabulary Words
8. Spelling Quiz 1	21.	Quiz 3: Cumulative
9. Coordinating Conjunctions	22.	Spelling Quiz 3
10. Correlative Conjunctions/Conjunctive Adverbs	23.	Project: Book Report: Biography
11. Subordinating Conjunctions/Adverb Clauses	24.	Unit 6 Special Project
12. Relative Pronouns/Adjective Clauses; Phrases and Appositives	25.	Test
13. Spelling Lesson 2: Mispronounced Words	26.	Alternate Test
	27.	Reference

**LANGUAGE ARTS 800**  
**UNIT 7: CRITICAL READING AND PARAGRAPH SKILLS**

**Assignment Titles**

1. Critical Reading: Symbolism/Connotation	15	Spelling Quiz 2
2. Critical Reading: Context/Directive Language	16.	Writing a Composition: The Introduction
3. Analyzing an Author's Credentials/Argument	17.	Essay: Thesis Statement
4. Propaganda	18.	Writing a Composition: The Body
5. Spelling Lesson 1: Silent Letters	19.	Writing a Composition: The Conclusion
6. Quiz 1: Critical Reading	20.	Writing a Composition: Proofreading
7. Spelling Quiz 1	21.	Essay: Analyzing an Argument
8. Paragraph Structure	22.	Spelling Lesson 3: Unaccented Syllables
9. Essay: Paragraph Types	23.	Quiz 3: Cumulative
10. Organizing a Unified Paragraph	24.	Spelling Quiz 3
11. Paragraph Coherence/Transition Methods	25.	Unit 7 Special Project
12. Essay: Paragraph Development	26.	Test
13. Spelling Lesson 2: Silent Letters	27.	Alternate Test
14. Quiz 2: The Paragraph	28.	Reference

**LANGUAGE ARTS 800**  
**UNIT 8: WRITING, LISTENING, AND READING**

**Assignment Titles**

1. Writing Business Letters	18. Quiz 2: Listening Skills/Nonverbal Communication
2. Three Types of Business Letters	19. Spelling Quiz 2
3. Project: Business Letters	20. Distinguishing Between Fiction and Nonfiction
4. Structure and Form of Personal Letters	21. Evaluating the Reliability of Information
5. Three Types of Personal Letters	22. Report: Assessing Reliability
6. Project: Personal Letters	23. Sources of Information
7. Spelling Lesson 1: General	24. Reading the Newspaper
8. Quiz 1: Writing Letters	25. News Magazines/Other Nonfiction Resources
9. Spelling Quiz 1	26. Project: Newspaper Analysis
10. Sound and Listening	27. Spelling Lesson 3: General
11. Listening for Literal Meaning	28. Quiz 3: Cumulative
12. Listening for Implied and Figurative Meaning	29. Spelling Quiz 3
13. Project: Figures of Speech	30. Unit 8 Special Project
14. Identifying Nonverbal Clues	31. Test
15. Being a Good Listener	32. Alternate Test
16. Project: Listening Skills	33. Reference
17. Spelling Lesson 2: General and Content Words	

**LANGUAGE ARTS 800**  
**UNIT 9: THE ENGLISH LANGUAGE**

**Assignment Titles**

1. English is a Living Language	14. Spelling Quiz 2
2. Etymology of English Words	15. Organizing an Oral Report
3. English in the United States	16. Developing an Oral Report
4. Project: Slang	17. Using Language Appropriately
5. Spelling Lesson 1: General	18. Effective Speaking Techniques
6. Quiz 1: The Changing Language	19. Project: Oral Report
7. Spelling Quiz 1	20. Spelling Lesson 3: Frequently Misspelled Words
8. Double Negatives	21. Quiz 3: Cumulative
9. Dangling Modifiers	22. Spelling Quiz 3
10. Shift in Person and Number	23. Unit 9 Special Project
11. Shift in Mood and Tense; S/V Agreement	24. Test
12. Spelling Lesson 2: General	25. Alternate Test
13. Quiz 2: Grammar and History of English	26. Reference

**LANGUAGE ARTS 800**  
**UNIT 10: REVIEW**

**Assignment Titles**

1. History of Language	19. Review Quiz 2: Communication
2. Grammar: Parts of Speech	20. Review Spelling Lesson 3 and 4
3. Punctuation and Capitalization	21. Spelling Quiz 2
4. Abbreviations, Apostrophes, and Hyphens	22. Reading: Word Parts
5. Dictionary and Thesaurus	23. Reading: Context Clues and Sequence
6. Standard English Usage	24. Reading: Fact and Opinion, News Articles
7. Common Sentence Errors	25. Reading: Essays and Autobiographies
8. Paragraphs	26. Project: Analyze a Formal Essay
9. Letters	27. Report: Autobiography
10. Compositions	28. Review Quiz 3: Reading
11. Essay: What Makes a Good Christian?	29. Review Spelling Lesson 5 and 6
12. Review Quiz 1: Language	30. Essay: Short Story
13. Review Spelling Lesson 1 and 2	31. Spelling Quiz 3
14. Spelling Quiz 1	32. Unit 10 Special Project
15. Communication: Unspoken Factors	33. Test
16. Communication: Spoken Factors	34. Alternate Test
17. Project: Interview a Friend	35. Reference
18. Following Directions and Listening	

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**ENGLISH I****COURSE OVERVIEW**

English I continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to understand and appreciate poetry, drama, informative nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of drama, a novel, and selections from well-known poetry, and short stories.
- **Writing**—further students' understanding of sentence structures; reviews parts of speech and their types, including in-depth studies on verbs (transitive, intransitive, conjugation, tense, voice, mood); develops students' understanding of the types and functions of phrases and clauses; teaches language history and etymology to help students build on knowledge of word structures, including prefixes, roots, and suffixes; expands on students' vocabulary skills; reviews spelling skills; gives students the opportunity to develop their abilities in writing speeches, short essays, poetry, friendly/business letters, and short stories.
- **Speaking**—offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons.

**Curriculum Contents***Reading Comprehension Skills*

- Analyzing Propaganda
- Understanding Elements of Narrative Prose
- Reading Informative Nonfiction
- Reading Fiction
- Reading Poetry
- Developing Reading Skills—Analysis, Evaluation, and Interpretation

*Composition*

- Letters—Structure, Type, and Composition
- Paragraph Elements and Structure
- Writing a Formal Essay
- Writing a Persuasive Paragraph
- Writing about Poetry
- Writing a Speech

*Grammar and Usage*

- Adjectives—Comparison, Suffixes as Adjective Endings, and Position
- Adverbs
- Levels of Language Use
- Nouns—Abstract, Concrete, Compound, Collective, Plural, and Possessive Nouns
- Pronouns
- Sentence Structure—Clauses and Phrases
- Verbs—Tense, Voice, Mood, Conjugation, and Transitive and Intransitive Verbs



*Literature Studies*

- Drama—Genre/Type, Structure, and Elements
- Fiction—Genre/Type, Structure, Elements, and Modes
- History of Drama—Greek/Roman Plays, Medieval Drama, and Elizabethan Drama
- History of Novels—Oral Tradition, Novel Prototypes, and Early Novels
- History of Short Stories
- Poetry—Genre/Type, Structure, Elements, and Literary Devices

*Speaking and Listening*

- Listening Skills—Elements, Common Errors, and Strategies
- Oral Reading
- Speaking Skills—Elements, Purpose, Organization, and Delivery

*Spelling*

- Mnemonics
- Nouns—Plural and Possessive

*Vocabulary Building*

- Dictionary Skills
- Etymology
- Roots, Prefixes, and Suffixes
- Word Relationships

*Special Topics*

- The Bible as Literature
- Origin/Development of Language
- Research Skills—Internet, Library, and Reference Materials
- Visual Media—Charts, Graphs, and Tables

**Literature List**

The following are literary works students will encounter in English I:

## Drama

- Gibson, William. *The Miracle Worker*
- Shakespeare, William. *Romeo and Juliet* (excerpt)

## Fiction

- Hawthorne, Nathaniel. "Young Goodman Brown" (excerpt)
- Henry, O. "The Gift of the Magi"
- Stuart, Jesse. "The Slip-Over Sweater"
- Verne, Jules. *Twenty Thousand Leagues Under the Sea*

## Poetry

- Frost, Robert.
  - "Good Hours"
  - "The Road Not Taken"

**ENGLISH I**  
**UNIT 1: THE STRUCTURE OF LANGUAGE**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Course Overview                     | 19. Indefinite and Collective Antecedents            |
| 2. Parts of Speech and Noun Types      | 20. Prepositions                                     |
| 3. Plural Nouns (1)                    | 21. Frequently Misused Prepositions                  |
| 4. Plural Nouns (2)                    | 22. Conjunctions and Interjections                   |
| 5. Plural Nouns (3)                    | 23. Quiz 3: Pronouns, Prepositions, and Conjunctions |
| 6. Plural Nouns (4)                    | 24. Phrases  |
| 7. Possessive Nouns                    | 25. Clauses  |
| 8. Adjectives                          | 26. Sentence Parts                                   |
| 9. Adjectives: Comparison and Suffixes | 27. Quiz 4: Sentence Elements                        |
| 10. Quiz 1: Nouns and Adjectives       | 28. Documentation                                    |
| 11. Verbs: Principal Parts             | 29. Works Cited                                      |
| 12. Verbs: Tense, Voice, and Mood      | 30. Parenthetical Citation                           |
| 13. Verb Conjugation                   | 31. Documentation Review                             |
| 14. Transitive and Intransitive Verbs  | 32. Special Project                                  |
| 15. Adverbs                            | 33. Test: Language Structure                         |
| 16. Quiz 2: Verbs and Adverbs          | 34. Alternate Test: Language Structure               |
| 17. Personal Pronouns                  | 35. Reference  |
| 18. Types of Pronouns                  |  |

**ENGLISH I**  
**UNIT 2: THE NATURE OF LANGUAGE**

**Assignment Titles**

- |                                     |  |
|-------------------------------------|--|
| 1. Origin of Language               | 8. Understanding Word Parts                |
| 2. Project: Nonverbal Communication | 9. Working With Word Parts                 |
| 3. Ancient Languages                | 10. Quiz 2: Word Parts                     |
| 4. Old English to Modern English    | 11. Special Project                        |
| 5. Quiz 1: Language Development     | 12. Test: The Nature of Language           |
| 6. Word Meanings                    | 13. Alternate Test: The Nature of Language |
| 7. Word Roots                       | 14. Reference                              |

**ENGLISH I**  
**UNIT 3: WORDS AND WRITING**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Using the Dictionary                 | 9. Project: Outline                           |
| 2. Using Words Effectively              | 10. Essay: Short Essay                        |
| 3. Quiz 1: Vocabulary and Pronunciation | 11. Quiz 3: Vocabulary and Sentence Structure |
| 4. Spelling: Pronunciation Techniques   | 12. Special Project                           |
| 5. Mnemonics                            | 13. Test: Words and Writing                   |
| 6. Quiz 2: Spelling and Pronunciation   | 14. Alternate Test: Words and Writing         |
| 7. Writing: Preparation                 | 15. Reference                                 |
| 8. Researching and Writing the Paper    |   |

**ENGLISH I**  
**UNIT 4: PARAGRAPHS, ESSAYS, AND RESEARCH REPORTS**

**Assignment Titles**

- |                                      |  |
|--------------------------------------|--|
| 1. The Structure of a Paragraph      | 10. The Research Report                                      |
| 2. Effective Transitions             | 11. Quiz 2: Research Reports                                 |
| 3. The Structure of an Essay         | 12. Project: The Research Report                             |
| 4. Types of Essays                   | 13. Special Project  |
| 5. Project: The Five Paragraph Essay | 14. Test: Paragraphs, Essays, and Research Reports           |
| 6. Quiz 1: Paragraphs and Essays     | 15. Alternate Test: Paragraphs, Essays, and Research Reports |
| 7. The Thesis Statement              | 16. Reference  |
| 8. The Outline                       |  |
| 9. Researching and the Library       |  |

**ENGLISH I**  
**UNIT 5: SHORT STORIES**

**Assignment Titles**

- |   |                                       |
|---|---------------------------------------|
| 1. The History of the Short Story           | 8. Drawing Inferences                 |
| 2. Short Story Fundamentals                 | 9. The Gift of the Magi               |
| 3. Imagery and Symbolism                    | 10. Quiz 2: Short Story Comprehension |
| 4. Quiz 1: Short Story Fundamentals         | 11. Special Project                   |
| 5. Biblical Stories                         | 12. Test: Short Stories               |
| 6. The Slip-Over Sweater                    | 13. Alternate Test: Short Stories     |
| 7. Essay: Response to the Slip-Over Sweater | 14. Reference                         |

**ENGLISH I**  
**UNIT 6: STRUCTURE AND MEANING IN PROSE AND POETRY**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Understanding Author Purpose and Meaning   | 10. Figurative Reading: Language and Poetry                   |
| 2. Using Paragraph Structure to Find Meaning  | 11. Analytical Reading: Patterns in Poetry                    |
| 3. Using Visual Aids to Find Meaning          | 12. Quiz 3: Understanding and Enjoying Poetry                 |
| 4. Quiz 1: Reading for Purpose and Meaning    | 13. Special Project   |
| 5. Recognizing Author Appeal                  | 14. Test: Structure and Meaning in Prose and Poetry           |
| 6. Detecting Logical Fallacies                | 15. Alternate Test: Structure and Meaning in Prose and Poetry |
| 7. Quiz 2: Reading Persuasion                 | 16. Reference   |
| 8. Literal Reading: Surface Meaning in Poetry |   |
| 9. Symbolic Reading: Symbols in Poetry        |   |

**ENGLISH I**  
**UNIT 7: COMMUNICATION**

**Assignment Titles**

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| 1. Speaking                        | 9. Project: Informal Letter       |
| 2. Giving a Speech                 | 10. Project: Business Letter      |
| 3. Project: Speech                 | 11. Quiz 3: Letter Writing        |
| 4. Project: Effective Oral Reading | 12. Special Project               |
| 5. Quiz 1: Speaking                | 13. Test: Communication           |
| 6. Listening                       | 14. Alternate Test: Communication |
| 7. Quiz 2: Listening               | 15. Reference                     |
| 8. Letter Writing                  |                                   |

**ENGLISH I**  
**UNIT 8: DRAMA**

**Assignment Titles**

- |                               |                                |
|-------------------------------|--------------------------------|
| 1. The History of Drama       | 9. Essay: Miracle Worker       |
| 2. Elements of Drama          | 10. Essay: The Asylum          |
| 3. Dramatic Devices           | 11. Quiz 2: The Miracle Worker |
| 4. Essay: Parable             | 12. Special Project            |
| 5. Quiz 1: Drama              | 13. Test: Drama                |
| 6. The Miracle Worker (Act 1) | 14. Alternate Test: Drama      |
| 7. The Miracle Worker (Act 2) | 15. Reference                  |
| 8. The Miracle Worker (Act 3) |                                |

**ENGLISH I**  
**UNIT 9: STUDIES IN THE NOVEL**

**Assignment Titles**

- |  |  |
|--|--|
| 1. The Novel                             | 11. Quiz 2: Twenty Thousand Leagues      |
| 2. Subject Matter                        | 12. The Critical Essay                   |
| 3. Types of Novels                       | 13. Essay: Lost Continent                |
| 4. Modes of Writing The Novel            | 14. Essay: Critique                      |
| 5. Quiz 1: The Novel                     | 15. Quiz 3: The Critical Essay           |
| 6. Twenty Thousand Leagues Under the Sea | 16. Special Project                      |
| 7. Plot and Perspective                  | 17. Test: Studies in the Novel           |
| 8. Episodes                              | 18. Alternate Test: Studies in the Novel |
| 9. Plot Function                         | 19. Reference                            |
| 10. Essay: Twenty Thousand Leagues       |  |

**ENGLISH I  
UNIT 10: REVIEW****Assignment Titles**

- |   |                                      |
|---|--------------------------------------|
| 1. Structure                                    | 9. Quiz 2: Communication             |
| 2. Plural Nouns                                 | 10. Library Skills and Visual Aids   |
| 3. Adjectives                                   | 11. Determining the Author's Message |
| 4. Verbs and Adverbs                            | 12. Quiz 3: Reading and Research     |
| 5. Pronouns, Prepositions, Phrases, and Clauses | 13. Special Project                  |
| 6. Quiz 1: Structure                            | 14. Test: Review                     |
| 7. The Skills of Writing                        | 15. Alternate Test: Review           |
| 8. The Skills of Speaking                       | 16. Reference                        |

## ENGLISH II

### COURSE OVERVIEW

English II continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to comprehend and appreciate poetry, drama, nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of the allegory *Everyman* and Sheldon's *In His Steps*, as well as selections of and excerpts from well-known poetry and short stories.
- **Writing**—develops students' understanding of complex sentence and paragraph structures, providing hands-on experience with connectives, transitions, phrases, and clauses; teaches language history and etymology to help students build on knowledge of grammar and word structures; expands on students' vocabulary skills; gives students the opportunity to develop their abilities in writing a set of instructions, a literary critique, a poem, a short story, and a speech.
- **Speaking**—offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving the skills throughout the course.
- **Listening**—teaches effective listening comprehension skills, integrating these throughout the lessons.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

#### Curriculum Contents

##### *Reading Comprehension Skills*

- Context
- Denotation, Connotation, and Symbolism
- Elements of Narrative Prose
- Reading Narrative Nonfiction
- Reading Fiction
- Reading Poetry
- Reading Skills—Analysis, Evaluation, and Interpretation
- Strategies for Comprehension—Making Inferences and Identifying Main Ideas

##### *Composition*

- Paragraph Elements and Structure—Connectives and Transitions
- Writing Expository Prose—Process
- Writing Instructions
- Writing a Literary Critique
- Writing a Poem
- Writing a Poetry Analysis
- Writing a Short Story
- Writing a Speech

##### *Grammar and Usage*

- Development of English—Grammar, Spelling, Pronunciation, and Vocabulary
- Levels of Language Use—Degrees of Formality
- Nouns—Noun Plurals
- Pronouns—Types, Gender, Case, and Pronoun-Antecedent Agreement

- Sentence Structure—Clauses, Phrases, and Compound/Complex Sentences

#### *Literature Studies*

- Drama—Allegory, Structure, and Elements
- Fiction—Genre/Type, Structure, Elements, and Modes
- History of Drama—Greek/Roman Plays and Medieval Drama
- History of Novels—Oral Tradition, Novel Prototypes, and Early Novels
- History of Short Stories
- Nonfiction—Genre/Type, Structure, and Elements
- Poetry—Genre/Type, Structure, Elements, and Literary Devices

#### *Speaking and Listening*

- Listening Skills—Elements, Common Errors, and Strategies
- Oral Reading
- Speaking Skills—Elements, Purpose, Organization, and Delivery

#### *Spelling*

- Nouns—Plural and Possessive

#### *Vocabulary Building*

- Dictionary Skills
- Etymology
- Roots, Prefixes, and Suffixes
- Word Relationships—Synonyms

#### *Special Topics*

- English Variations—American, British, and Regional Dialects
- Origin/Development of Language—Indo-European, Old and Middle English, Renaissance, and American English
- Research Skills—Internet, and Library
- Study Skills—Note Taking

#### **Literature List**

Following are literary works students will encounter in English II.

##### Drama

- *Everyman*

##### Fiction

- de Maupassant, Guy. "The Necklace"
- Sheldon, Charles. *In His Steps*
- Stockton, Frank. "The Lady, or the Tiger?"
- Twain, Mark. "The Celebrated Frog of Calaveras County"

##### Nonfiction

- Bradford, William. *History of Plymouth Plantation* (excerpt)

## Poetry

- Donne, John. "Holy Sonnet XV"
- Blake, William. "The Tyger"
- Dickinson, Emily. "There is No Frigate Like a Book"
- Houseman, A.E. "Is My Team Ploughing?"
- Tennyson, Alfred. "The Eagle"
- Shelley, Percy. "Ozymandias"
- Wylie, Elinor. "Velvet Shoes"

ENGLISH II UNIT 1: LANGUAGE STRUCTURE	
Assignment Titles	
1. Course Overview	16. Pronoun/Antecedent Agreement
2. Forming Noun Plurals (1)	17. Pronoun Reference
3. Forming Noun Plurals (2)	18. Adjective Clauses
4. Forming Noun Plurals (3)	19. Adverb Clauses
5. Forming Noun Plurals (4)	20. Noun Clauses
6. Forming Noun Plurals (5)	21. Quiz 3: Clauses and Pronoun Reference
7. Understanding Suffixes	22. Documentation
8. Adding Suffixes	23. Works Cited
9. Word Use and Suffixes	24. Parenthetical Citation
10. Quiz 1: Noun Plurals and Suffixes	25. Documentation Review
11. Relative and Interrogative Pronouns	26. Special Project
12. Demonstrative and Indefinite Pronouns	27. Test: Language Structure
13. Personal Pronouns	28. Alternate Test: Language Structure
14. Gender and Case in Pronouns	29. Reference
15. Quiz 2: Pronouns	

ENGLISH II UNIT 2: WRITING EFFECTIVE SENTENCES	
Assignment Titles	
1. Principal Parts and Participles	11. Quiz 2: Phrases
2. Participles	12. Simple Sentences
3. Infinitives	13. Compound Sentences
4. Gerunds	14. Complex Sentences
5. Quiz 1: Verbals	15. Essay: Effective Writing
6. Adjective Phrases	16. Quiz 3: Sentences
7. Adverb Phrases	17. Special Project
8. Appositive Phrases and Direct Address	18. Test: Writing Effective Sentences
9. Participial and Gerund Phrases	19. Alternate Test: Writing Effective Sentences
10. Infinitive Phrases	20. Reference

ENGLISH II UNIT 3: WRITING AND READING SKILLS	
Assignment Titles	
1. Elements of the Sentence	17. Project: Analyzing Expository Writing
2. Elements of the Paragraph	18. Understanding Relationships
3. Connectives and Transitions	19. Essay: Logic
4. Essay: Using Connectives	20. Essay: Expository Essay
5. Development of Paragraphs	21. Quiz 3: Reading Skills
6. Essay: Paragraphs	22. Value, Nature, and Role of Oral Reading
7. Essay: Using Change of Focus	23. Skills of Oral Reading
8. Quiz 1: Sentences and Paragraphs	24. Preparation for Oral Reading
9. Exposition: Instructions	25. Project: Oral Reading
10. Project: How-to Evaluation	26. Project: Abridged Reading
11. Essay: How-to	27. Quiz 4: Oral Reading
12. Exposition: Events, Ideas, and Biography	28. Special Project
13. Essay: Biography	29. Test: Writing and Reading Skills
14. Quiz 2: Elements of Exposition	30. Alternate Test: Writing and Reading Skills
15. Recognizing Main Ideas	31. Reference
16. Advanced Reading Skills	

**ENGLISH II**  
**UNIT 4: SPEAKING AND LISTENING**

**Assignment Titles**

- |                                   |  |
|-----------------------------------|--|
| 1. Selecting and Limiting a Topic | 10. Critical Listening                     |
| 2. Choosing the Language (1)      | 11. Essay: Taking Notes                    |
| 3. Choosing the Language (2)      | 12. Essay: Commercials                     |
| 4. Essay: Writing a Speech        | 13. Quiz 2: Critical Listening             |
| 5. The Speech                     | 14. Special Project                        |
| 6. Project: Giving the Speech     | 15. Test: Speaking and Listening           |
| 7. Quiz 1: Speaking               | 16. Alternate Test: Speaking and Listening |
| 8. The Nature of Listening        | 17. Reference                              |
| 9. Listening for Main Ideas       |  |

**ENGLISH II**  
**UNIT 5: THE DEVELOPMENT OF ENGLISH**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Changes in Language                    | 18. Elizabethan English and the Age of Reason  |
| 2. Changes in Vocabulary                  | 19. Colonization of America                    |
| 3. Changes in Meaning                     | 20. Westward Movement/Industrial Revolution    |
| 4. Etymology                              | 21. Quiz 3: The Development of English         |
| 5. History of Words                       | 22. Varieties of English: American and British |
| 6. Project: Names                         | 23. American Regional Dialects                 |
| 7. Connotations and Propaganda            | 24. Essay: Varieties                           |
| 8. Project: Identifying Propaganda        | 25. Nonstandard and Standard English           |
| 9. Quiz 1: Etymology                      | 26. Project: Advertising                       |
| 10. Changes in Pronunciation and Spelling | 27. Essay: Newspaper                           |
| 11. Morphemes                             | 28. Essay: Future Language                     |
| 12. Inflections                           | 29. Quiz 4: Varieties of English               |
| 13. Syntax and Word Relationships         | 30. Special Project                            |
| 14. Quiz 2: Changes in Language           | 31. Test: The Development of English           |
| 15. Angles and Saxons                     | 32. Alternate Test: The Development of English |
| 16. Norman Invasion                       | 33. Reference                                  |
| 17. The Renaissance                       |  |

**ENGLISH II**  
**UNIT 6: THE SHORT STORY**

**Assignment Titles**

- |  |                                      |
|--|--------------------------------------|
| 1. Short Story Elements                        | 12. Essay: Critique                  |
| 2. Celebrated Jumping Frog of Calaveras County | 13. Quiz 2: Writing About Literature |
| 3. The Lady, or the Tiger?                     | 14. Writing a Short Story            |
| 4. Essay: The Lady, or the Tiger?              | 15. Project: Preparing a Short Story |
| 5. The Necklace                                | 16. Essay: Writing a Short Story     |
| 6. Essay: The Necklace                         | 17. Quiz 3: Using Writing Skills     |
| 7. Quiz 1: Short Story Elements                | 18. Special Project                  |
| 8. Writing About Literature                    | 19. Test: The Short Story            |
| 9. Project: Outline                            | 20. Alternate Test: The Short Story  |
| 10. Writing a Literary Critique                | 21. Reference                        |
| 11. Project: Preparing a Critique              |                                      |

**ENGLISH II**  
**UNIT 7: STUDIES IN THE NOVEL**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Development of the Novel                | 11. Essay: Raymond                       |
| 2. Drama and the Novel                     | 12. Quiz 2: In His Steps                 |
| 3. The Novelist and His Novel              | 13. The Critical Essay                   |
| 4. The Novelist and His Selection          | 14. Essay: Preparing the Review          |
| 5. The Novelist and His Limits             | 15. Essay: Writing the Review            |
| 6. The Novelist: His Values and Detachment | 16. Quiz 3: The Critical Essay           |
| 7. Quiz 1: The Novelist and the Novel      | 17. Special Project                      |
| 8. Novel and Plot                          | 18. Test: Studies in the Novel           |
| 9. Character, Symbol, and Mood             | 19. Alternate Test: Studies in the Novel |
| 10. Essay: Maxwell                         | 20. Reference                            |



**ENGLISH II  
UNIT 8: DRAMA**

**Assignment Titles**

- |  |                                      |
|--|--------------------------------------|
| 1. Greek Drama                                   | 11. Everyman: Virtues (670-787)      |
| 2. Roman Drama and Dramatic Elements             | 12. Everyman: Virtues Lost (788-861) |
| 3. Quiz 1: Understanding Drama                   | 13. Everyman: Epilogue (862-922)     |
| 4. Oral Interpretation and Christian Drama       | 14. Essay: Everyman                  |
| 5. Everyman: Prologue (1-203)                    | 15. Quiz 2: Everyman                 |
| 6. Everyman: Fellowship (204-316)                | 16. Special Project                  |
| 7. Everyman: Kindred and Cousin (317-390)        | 17. Test: Drama                      |
| 8. Everyman: Goods (391-462)                     | 18. Alternate Test: Drama            |
| 9. Everyman: Good Deeds (463-521)                | 19. Reference                        |
| 10. Everyman: Knowledge and Confession (522-670) |                                      |

**ENGLISH II  
UNIT 9: POETRY**

**Assignment Titles**

- |  |                            |
|--|----------------------------|
| 1. Poetic Form and Rhyme                 | 8. Project: Poem Analysis  |
| 2. Meter and Diction                     | 9. Project: Writing a Poem |
| 3. Imagery and Figurative Language       | 10. Quiz 2: Poetic Meaning |
| 4. Figurative Language and Sound Effects | 11. Special Project        |
| 5. Quiz 1: Elements of Poetry            | 12. Test: Poetry           |
| 6. Literal Meaning                       | 13. Alternate Test: Poetry |
| 7. Figurative and Symbolic Meaning       | 14. Reference              |

**ENGLISH II  
UNIT 10: REVIEW**

**Assignment Titles**

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| 1. The Development of English         | 19. Project: Cutting                |
| 2. English Usage                      | 20. Listening to a Speech           |
| 3. Noun Plurals                       | 21. Essay: Evaluating               |
| 4. Suffixes                           | 22. Quiz 2: Speaking and Listening  |
| 5. Verbals and Phrases                | 23. Reading for Meaning             |
| 6. Subordinate Clauses                | 24. Reading and Experiencing Poetry |
| 7. Pronouns                           | 25. Interpreting Poetry             |
| 8. Sentence Types                     | 26. Reading Drama                   |
| 9. Organizing Paragraphs              | 27. Everyman                        |
| 10. Project: Paragraph                | 28. Short Story Elements            |
| 11. Punctuating Ideas                 | 29. Reading Short Stories           |
| 12. Writing Compositions              | 30. Reading a Novel                 |
| 13. Essay: Critique                   | 31. Essay: In His Steps             |
| 14. Quiz 1: English and Writing       | 32. Quiz 3: Literature              |
| 15. Preparing a Speech                | 33. Special Project                 |
| 16. Writing and Delivering a Speech   | 34. Test: Review                    |
| 17. Project: Speech                   | 35. Alternate Test: Review          |
| 18. Reading Literature to an Audience | 36. Reference                       |

## ENGLISH III

### COURSE OVERVIEW

English III continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, nonfiction, poetry, and drama; discusses common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through readings of Thornton Wilder's *Our Town* (play) and Lee's *To Kill a Mockingbird* as well as selections of and excerpts from well-known poetry and nonfiction pieces.
- **Writing**—develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence construction errors and methods for avoiding them; provides practice in standard and nonstandard English, as well as specialized language use; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, personal essays, poetry, and research papers.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

#### Curriculum Contents

##### *Reading Comprehension Skills*

- Context, Denotation, Connotation, and Symbolism
- Reading Drama
- Reading Poetry—Reading Aloud and Recognizing Scansion
- Reading Skills—Analysis, Evaluation, and Interpretation
- Strategies for Comprehension—Making Inferences and Identifying Main Ideas

##### *Composition*

- Sentence Construction Errors
- Using English Variations
- Writing a Brief Biography
- Writing Expository Prose—Process
- Writing from Personal Experience
- Writing an Interpretation of a Bible Passage—Using Parallel Structure
- Writing a Literary Critique
- Writing a Poem
- Writing about Poetry—Analysis, Evaluation, and Interpretation
- Writing a Research Paper—Process

##### *Grammar and Usage*

- Clauses—Main/Subordinate Clauses, Elliptical Clauses, and Adjective/Adverb Clauses
- Levels of Language Use—Standard/Nonstandard, Slang, Colloquialisms, Medical, Legal, Professional, and Literary
- Phrases—Appositive, Gerund, Participle, and Infinitive Phrases
- Pronouns—Indefinite, Personal, and Case, Including Nominative, Objective, and Possessive Pronouns
- Verbs—Present and Past Participles

### Literature Studies

- Drama
  - Elements—Structure, Theme, Setting, Style, Character, and Literary Device
  - Mode—Naturalism, Realism, Romanticism, and Symbolism
  - History of Drama—Greek/Roman Plays, Medieval Drama, Elizabethan Drama, and American Drama
  - Genre/Type—Medieval Drama, Elizabethan, and Modern (Subtypes)
- Fiction
  - Elements—Structure, Theme, Mood, Irony, Purpose, and Literary Device
  - Mode—Naturalism, Realism, and Romanticism
  - Genre/Type—Novels (Subtypes)
  - History of Novels—American Novel
- Nonfiction
  - History of Nonfiction—Classical to Modern
  - Elements—Structure and Literary Device
  - Genre/Type—Exposition, Journal, Biography, Autobiography, Essays, Sermons, Criticism, Editorial, Satire, and Letters
- Poetry
  - Elements—Structure, Meter, Rhyme, and Symbolism
  - Literary Device—Sound Effects, Metrical Effects, and Figures of Speech
  - Genre/Type

### Vocabulary Building

- Context Clues
- Dictionary Skills
- Etymology
- Greek/Latin Prefixes and Roots

### Special Topics

- English Variations—Regional Dialects
- Research Skills—Internet, Library, and Reference Materials

### Literature List

Following are literary works students will encounter in English III.

#### Drama

- Wilder, Thornton. *Our Town*

#### Fiction

- Crane, Stephen. "The Upturned Face"
- Lee, Harper. *To Kill a Mockingbird*

#### Nonfiction

- Addison, Joseph. *The Spectator* (excerpt)
- Bradford, William. *The History of Plymouth Plantation* (excerpt)
- Byrd, William. *A Progress to the Mines* (excerpt)
- de Crevecoeur, Jean. *Letters from an American Farmer* (excerpt)
- Edwards, Jonathan.
  - "Personal Narrative" (excerpt)
  - "Sinners in the Hands of an Angry God" (excerpt)

- Emerson, Ralph Waldo. "Commodity" (excerpt)
- Franklin, Benjamin. "The Ephemera"
- Irving, Washington. *A History of New York* (excerpt)
- Jefferson, Thomas.
  - "The Declaration of Independence" (excerpt)
  - Letter to Thomas Paine
- Mather, Cotton. *The Life of John Winthrop* (excerpt)
- Poe, Edgar. "Poetic Principle" (excerpt)
- Smith, John. *A True Relation* (excerpt)
- Steele, Richard. *The Spectator*\*excerpt)
- ten Boom, Corrie. *The Hiding Place* (excerpt)

### Poetry

- Auden, W.H. "Unknown Citizen"
- Bouman, Elizabeth. "By This We Know Love"
- Bradstreet, Anne. "Upon the Burning of Our House"
- Bryant, William. "Thanatopsis"
- Dickinson, Emily.
  - "Pink, small, and punctual"
  - "The Wind tapped like a tired man"
- Frost, Robert. "Birches"
- Longfellow, Henry. "The Tide Rises, the Tide Falls"
- Armour, Richard. "Favorite"
- Lowell, James.
  - "The Courtin."
  - "Ode Recited at the Harvard Commemoration"
- Markham, Edwin. "The Man with the Hoe"
- Poe, Edgar.
  - "Annabel Lee"
  - "To Helen"
- Swenson, May. "Fable for When There Is No Way Out"
- Whitman, Walt.
  - "Come Up from the Fields, Father"
  - "Young Grimes"

ENGLISH III	
UNIT 1: LEARNING AND USING STANDARD ENGLISH	
Assignment Titles	
1. Course Overview	14. Informational Texts
2. Acquiring a Language	15. Literary Texts
3. Essay: Natural Language and Standard English	16. Essay: Writing Across Standard English
4. Learning a Standard	17. Quiz 3: Varieties of Written Standard English
5. Levels of Usage	18. Documentation
6. Essay: Levels of Standard English	19. Works Cited
7. Quiz 1: Why Standard English?	20. Parenthetical Citation
8. Making a Dictionary	21. Documentation Review
9. Anatomy of a Dictionary	22. Special Project
10. Project: Dictionary Comparison	23. Test: Learning and Using Standard English
11. Quiz 2: Dictionaries: Guardians of the Standard	24. Alternate Test: Learning and Using Standard English
12. Types of Written Standard English	25. Reference
13. Technical Texts	

**ENGLISH III**  
**UNIT 2: SENTENCE ELEMENTS**

**Assignment Titles**

- |   |                                       |
|---|---------------------------------------|
| 1. Clauses                              | 11. Verbals: Infinitives              |
| 2. Adverb Clauses and Adjective Clauses | 12. Combining Verbals                 |
| 3. Noun Clauses                         | 13. Appositives                       |
| 4. Project: Writing Subordinate Clauses | 14. Project: Verbals and Appositives  |
| 5. Project: Subordinate Clauses         | 15. Quiz 2: Verbals and Appositives   |
| 6. Project: Relative Pronouns           | 16. Special Project                   |
| 7. Quiz 1: Clauses                      | 17. Test: Sentence Elements           |
| 8. Verbals: Gerunds                     | 18. Alternate Test: Sentence Elements |
| 9. Verbals: Participles                 | 19. Reference                         |
| 10. Project: Writing with Verbals       |                                       |

**ENGLISH III**  
**UNIT 3: CLEAR CONNECTIONS: A WRITING WORKSHOP**

**Assignment Titles**

- |                                   |  |
|-----------------------------------|--|
| 1. Nouns and Pronouns             | 10. Using Modifiers Correctly          |
| 2. Jobs Personal Pronouns Do      | 11. Using Parallel Structure           |
| 3. Other Types of Pronouns        | 12. Essay: Clear Connections in Action |
| 4. Quiz 1: Understanding Pronouns | 13. Quiz 3: Writing Strong Sentences   |
| 5. Pronoun Case (Part 1)          | 14. Special Project                    |
| 6. Pronoun Case (Part 2)          | 15. Test: Sentence Workshop            |
| 7. Pronoun Reference              | 16. Alternate Test: Sentence Workshop  |
| 8. Pronoun Agreement              | 17. Reference                          |
| 9. Quiz 2: Using Pronouns         |  |

**ENGLISH III**  
**UNIT 4: MEANING AND MAIN IDEAS**

**Assignment Titles**

- |                                 |   |
|---------------------------------|---|
| 1. Greek Prefixes               | 11. Quiz 2: Word Meanings and Pronunciation |
| 2. Latin Prefixes               | 12. Finding the Main Idea                   |
| 3. Greek Roots                  | 13. Quiz 3: Main Ideas                      |
| 4. Project: Greek Roots         | 14. Analyzing a Textbook                    |
| 5. Latin Roots                  | 15. Essay: Outline and Essay                |
| 6. Project: Latin Roots         | 16. Quiz 4: Analyzing a Textbook            |
| 7. Quiz 1: Prefixes and Roots   | 17. Special Project                         |
| 8. Context Clues                | 18. Test: Meaning and Main Ideas            |
| 9. Project: Using Context Clues | 19. Alternate Test: Meaning and Main Ideas  |
| 10. Diacritical Marking         | 20. Reference                               |

**ENGLISH III**  
**UNIT 5: POETRY**

**Assignment Titles**

- |  |                                       |
|--|---------------------------------------|
| 1. Measurement in Poetry                     | 13. Project: Prose Paraphrase         |
| 2. Essay: Response to ANNABEL LEE            | 14. Project: Prose Paraphrase         |
| 3. Meter and Metrical Sets                   | 15. The Experience of Love            |
| 4. Project: The Meter of a Poem              | 16. Project: Society and Young People |
| 5. Musical Effects: Rhyme                    | 17. Quiz 2: Poetic Themes             |
| 6. Other Musical Effects                     | 18. Imagery and Connotation           |
| 7. Form in Poetry                            | 19. Essay: Writing a Poem             |
| 8. Essay: Narrative and Lyric Poetry         | 20. Quiz 3: Imagery and Connotation   |
| 9. Project: Sonnet                           | 21. Special Project                   |
| 10. Quiz 1: Structure of Poetry              | 22. Test: Poetry                      |
| 11. Universality and the Experience of Faith | 23. Alternate Test: Poetry            |
| 12. The Experience of Faith (cont.)          | 24. Reference                         |

**ENGLISH III  
UNIT 6: NONFICTION**

**Assignment Titles**

- |                                     |   |
|-------------------------------------|---|
| 1. Elements of Nonfiction           | 14. Nonfiction Topics for Reading       |
| 2. Project: Survey                  | 15. Other Nonfiction Topics for Reading |
| 3. Exposition                       | 16. Approaches to Nonfiction            |
| 4. Description                      | 17. Project: Outline                    |
| 5. Essay: Descriptive Essay         | 18. Essay: Illustrative Composition     |
| 6. Quiz 1: Elements of Nonfiction   | 19. Essay: Analytical Paper             |
| 7. Essays and Sermons               | 20. Essay: Argumentative Paper          |
| 8. Diaries, Journals, and Letters   | 21. Quiz 3: Nonfiction Topics           |
| 9. Project: Journal                 | 22. Special Project                     |
| 10. Biography and Autobiography     | 23. Test: Nonfiction                    |
| 11. Periodicals                     | 24. Alternate Test: Nonfiction          |
| 12. Project: Analyzing an Editorial | 25. Reference                           |
| 13. Quiz 2: Types of Nonfiction     |   |

**ENGLISH III  
UNIT 7: AMERICAN DRAMA**

**Assignment Titles**

- |  |   |
|--|---|
| 1. The Development of Drama            | 10. Essay: My Town                      |
| 2. Drama in America                    | 11. Essay: My Town, Personal Experience |
| 3. Quiz 1: The Development of Drama    | 12. OUR TOWN: Act III                   |
| 4. The Art of Drama                    | 13. Essay: Critical Essay - OUR TOWN    |
| 5. The Structure and Reading of a Play | 14. Quiz 3: Our Town                    |
| 6. Quiz 2: The Art of Drama            | 15. Special Project                     |
| 7. Wilder's OUR TOWN                   | 16. Test: American Drama                |
| 8. OUR TOWN: Act I                     | 17. Alternate Test: American Drama      |
| 9. OUR TOWN: Act II                    | 18. Reference                           |

**ENGLISH III  
UNIT 8: THE AMERICAN NOVEL**

**Assignment Titles**

- |                                       |  |
|---------------------------------------|--|
| 1. The American Novel                 | 13. To Kill a Mockingbird 20-25              |
| 2. Cooper and Hawthorne               | 14. To Kill a Mockingbird 26-31              |
| 3. Essay: Nathaniel Hawthorne         | 15. The Critical Essay                       |
| 4. Nineteenth Century Novelists       | 16. Writing the Critical Essay               |
| 5. Twentieth Century Novelists        | 17. Project: Preparing an Interpretive Essay |
| 6. Quiz 1: Survey of American Novels  | 18. Essay: Interpretive Essay                |
| 7. To Kill a Mockingbird-Introduction | 19. Quiz 3: To Kill a Mockingbird            |
| 8. To Kill a Mockingbird 6-11         | 20. Special Project                          |
| 9. Essay: Character Description       | 21. Test: The American Novel                 |
| 10. Quiz 2: To Kill a Mockingbird     | 22. Alternate Test: The American Novel       |
| 11. To Kill a Mockingbird 12-15       | 23. Reference                                |
| 12. To Kill a Mockingbird 16-19       |  |

**ENGLISH III  
UNIT 9: RESEARCH**

**Assignment Titles**

- |                                      |                                   |
|--------------------------------------|-----------------------------------|
| 1. The Investigative Process         | 11. Outlining the Paper           |
| 2. Choosing Your Subject             | 12. Project: Outline              |
| 3. Quiz 1: The Investigative Process | 13. Using Sources and Transitions |
| 4. Locating Sources and Taking Notes | 14. Writing and Revising          |
| 5. Using Note Cards                  | 15. Essay: Research Paper         |
| 6. Formulating a Thesis              | 16. Quiz 3: The Composition       |
| 7. Thesis Statement                  | 17. Special Project               |
| 8. Quiz 2: Gathering Information     | 18. Test: Research                |
| 9. Keeping it Relevant               | 19. Alternate Test: Research      |
| 10. Revised Thesis                   | 20. Reference                     |

**ENGLISH III  
UNIT 10: REVIEW****Assignment Titles**

- |  |                                  |
|--|----------------------------------|
| 1. Context Clues and Word Parts        | 13. American Drama               |
| 2. Dictionary Skills                   | 14. Elements of Poetry           |
| 3. Quiz 1: Analyzing Written Words     | 15. American Poetry              |
| 4. Clauses and Sentence Types          | 16. Early American Novels        |
| 5. Phrases                             | 17. 20th Century Novels          |
| 6. Avoiding Sentence Errors            | 18. Essay: To Kill a Mockingbird |
| 7. Quiz 2: Writing Effective Sentences | 19. Nonfiction                   |
| 8. Writing Expository Prose            | 20. Quiz 4: American Literature  |
| 9. Essay: Expository Essay             | 21. Special Project              |
| 10. Research Papers                    | 22. Test: Review                 |
| 11. Critical Analysis                  | 23. Alternate Test: Review       |
| 12. Quiz 3: Expository Prose           | 24. Reference                    |

## ENGLISH IV

### COURSE OVERVIEW

English IV continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, poetry, and drama, including discussion of common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through English literary history, including readings of Shakespeare's *Hamlet*, Milton's *Paradise Lost*, *Beowulf*, Bunyan's *The Pilgrim's Progress*, and other selections of and excerpts from major English literary figures.
- **Writing**—develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence and paragraph construction errors and methods for avoiding them; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, poetry, short stories, and expository prose.
- **Listening**—teaches effective listening comprehension skills, weaving these throughout the lessons; builds upon students' study skills as well as helps them to become reliable and efficient note takers.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

#### Curriculum Contents

##### *Reading Comprehension Skills*

- Context, Denotation, Connotation, and Symbolism
- Phrase Recognition Drills
- Reading Drama
- Reading Poetry—Reading Aloud and Recognizing Scansion
- Reading Skills—Analysis, Evaluation, and Interpretation
- Strategies for Comprehension—Making Inferences, Identifying Main Ideas, and Reading for Details
- Word Recognition Drills

##### *Composition*

- Diction Errors—Trite Expressions and Stilted/Vague Language
- Essays—Planning, Outlining, Writing, and Revising
- Sentence Construction Errors—Fragments, Dangling Construction, Parallelism, Reference, Agreement, and Logical Errors
- Paragraph Construction—Coherence, Transition, and Unity
- Paragraph Construction Errors—Coherence, Transition, Shift in Person, Shift in Tense, and Shift in Number
- Subordination
- Writing a Brief Biography
- Writing about British History
- Writing a Character Study
- Writing a Character Sketch
- Writing a Compare/Contrast Essay
- Writing about Literary Forms
- Writing a Literary Critique
- Writing Poetry
- Writing about Poetry—Analysis, Interpretation, and Evaluation
- Writing a Short Story



### Grammar and Usage

- Approaches to Grammar—Generative, Structural, Transformational, and Traditional
- Levels of Language Use—Slang and Colloquialisms
- Linguistic Theory
- Mechanics—Abbreviations, Capitalization, Hyphens, Italics, and Numbers
- Parts of Speech—Adjectives, Adverbs, Infinitives, Nouns, Pronouns, and Verbs
- Semantics
- Sentence Structure—Clauses, Conjunctions, Interjections, and Phrases
- Word Choice

### Literature Studies

- Drama
  - Elements—Structure, Theme, Setting, Style, Character, and Literary Device
  - Genre/Type—Medieval Drama and Elizabethan Drama
- Fiction
  - Elements—Structure, Theme, Mood, Point of View, Character, Dialogue, Setting, Style, Satire, and Literary Device
  - Literary Device—Alliteration, Allusion, Imagery, Metaphor, and Personification
- History of English Literature—from 1000-1800
- Poetry
  - Elements—Structure, Meter, Rhyme, Symbolism, and Subject Matter
  - Literary Device—Alliteration, Apostrophe, Assonance, Caesura, Consonance, Hyperbole, Kenning, Metonymy, Metaphor, Onomatopoeia, Paradox, Personification, Simile, Sprung Rhythm, and Synecdoche
  - Genre/Type—Sonnet, Dream Vision, Ballad, Elegy, Breton Lay, Epic, Gnome, Free Verse, Blank Verse, Dramatic Monologue, Mock-Heroic, and Satire

### Vocabulary Building

- Context Clues
- Etymology
- Greek/Latin Prefixes and Roots

### Special Topics

- The Bible as Literature
- Listening Skills
- Origin/Development of Language—Old and Middle English
- Research Skills—Internet, Library, and Reference Materials
- Study Skills—Note Taking

### Literature List

Following are literary works students will encounter in English IV.

#### Drama

- Shakespeare, William. *Hamlet*

#### Fiction

- Bunyan, John. *Pilgrim's Progress* (excerpt)
- Swift, Jonathan. "A Modest Proposal"

#### Poetry

- "Barbara Allen's Cruelty"
- *Beowulf* (excerpts)
- Browning, Elizabeth Barrett.
  - "Sonnet 43"
  - "A Thought for a Lonely Death-bed"
  - "A Child Asleep"
- Browning, Robert.
  - "Home Thoughts from Abroad"
  - "My Last Duchess"
- Byron, Lord (George Gordon).
  - *Childe Harold's Pilgrimage* (excerpt)
  - "The Destruction of Sennacherib"
  - *Don Juan* (excerpt)
- Campion, Thomas.
  - *The Third and Fourth Book of Ayres* (excerpt)
- Chaucer, Geoffrey. *Canterbury Tales* (excerpts)
- Chesterson, G.K. "The Donkey"
- Coleridge, Samuel.
  - "Epitaph"
  - "Kubla Khan"
- Dekker, Thomas. "Golden Slumbers Kiss Your Eyes" from *The Pleasant Comedy of Patient Grisill*
- Donne, John. "Death, Be Not Proud"
- Goldsmith, Oliver. "The Deserted Village"
- Hopkins, Gerard Manley. "God's Grandeur"
- Jonson, Ben. "The Triumph of Charis"
- Keats, John.
  - "Ode on a Grecian Urn"
  - "On First Looking into Chapman's Homer"
  - "When I Have Fears"
- Macleish, Archibald. "Ars Poetica"
- Milton, John.
  - "Lycidas" (excerpt)
  - "On the Morning of Christ's Nativity" (excerpts)
  - *Paradise Lost* (excerpts)
  - "Sonnet XIX"
- Nashe, Thomas. "Spring the Sweet Spring..." from *Summer's Last Will and Testament*
- "The Ruin"
- "The Seafarer"
- Pope, Alexander. *The Dunciad* (excerpt)
- Shakespeare, William.
  - "Song" from *Cymbaline*
  - "Song" from *Much Ado about Nothing*
  - "Sonnet XVII"
  - "Sonnet XXIX"
  - "Sonnet CXVI"
  - "Sonnet LV"
- Shelley, Percy.
  - "Ode to the West Wind"
  - "Ozymandias"
  - "Song to the Men of England"
- Spenser, Edmund.
  - "Sonnet XV"
  - "Sonnet XXXIV"
- Sydney, Sir Phillip.
  - "Sonnet XXXI"
  - "Sonnet XL."
- Tennyson, Alfred.

- "Break, Break, Break"
- "Crossing the Bar"
- "Flower in the Crannied Wall"
- *In Memoriam* (excerpt)
- "Sweet and Low"
- "The Wanderer"
- Wordsworth, William.
  - "It is a Beauteous Evening, Calm and Free"
  - "Lines Composed a Few Miles Above Tintern Abbey"
  - "London, 1802"
  - "She Dwelt Among the Untrodden Ways"

ENGLISH IV UNIT 1: THE WORTH OF WORDS	
Assignment Titles	
1. Course Overview	15. Dangling Modifiers and Parallelism
2. Roots and Affixes	16. Errors in Reference, Agreement, and Logic
3. Word Elements	17. Diction
4. Jargon and Acronyms	18. Essay: Writing a Longer Essay
5. Quiz 1: Word Study	19. Quiz 3: Sentence Structure
6. Expository Writing	20. Documentation
7. Paragraph Structure	21. Works Cited
8. Essay: Writing a Paragraph	22. Parenthetical Citation
9. Coherence and Consistency in Writing	23. Documentation Review
10. Mechanics	24. Special Project
11. Spelling	25. Test: The Worth of Words
12. Additional Spelling Drill	26. Alternate Test: The Worth of Words
13. Quiz 2: Expository Writing	27. Reference
14. Sentence Structure	

ENGLISH IV UNIT 2: THE STRUCTURE OF LANGUAGE	
Assignment Titles	
1. Nouns and Pronouns	10. Gerunds and Infinitives
2. Verbs and Verb Phrases	11. Adverb and Adjective Clauses
3. Other Parts of Speech	12. Noun Clauses
4. Quiz 1: Parts of Speech	13. Project: Variety in Writing
5. The Structure of Sentences	14. Quiz 3: Methods of Subordination
6. The Parts of the Sentence	15. Special Project
7. Project: Sentence Patterns	16. Test: The Structure of Language
8. Quiz 2: Sentence Structure	17. Alternate Test: The Structure of Language
9. Methods of Subordination: Participles	18. Reference

ENGLISH IV UNIT 3: READING AND RESEARCH	
Assignment Titles	
1. Word Recognition: Drill One	11. Project: Web Search Projects
2. Identifying Main Ideas	12. Phrase Recognition: Drill Five
3. Word Recognition: Drill Two	13. Taking Effective Notes
4. Opinions, Implications, and Inferences	14. Project: Writing a Paper from Notes
5. Essay: Using Details in Writing	15. Quiz 2
6. Quiz 1: Reading for Comprehension	16. Special Project
7. Phrase Recognition: Drill Three	17. Test: Reading and Research
8. Finding Information in the Library	18. Alternate Test: Reading and Research
9. Word Meaning: Drill Four	19. Reference
10. Finding Information on the Internet	

**ENGLISH IV**  
**UNIT 4: LANGUAGE, GOD'S GIFT TO MAN**

**Assignment Titles**

- |                               |   |
|-------------------------------|---|
| 1. Origin of Language         | 8. Project: Semantics and Advertising   |
| 2. Quiz 1: Origin of Language | 9. Project: Levels of Usage and Meaning |
| 3. Grammar                    | 10. Quiz 3: Semantics                   |
| 4. Structural Grammar         | 11. Special Project                     |
| 5. Generative Grammar         | 12. Test: Language                      |
| 6. Quiz 2: Grammar            | 13. Alternate Test: Language            |
| 7. Semantics                  | 14. Reference                           |

**ENGLISH IV**  
**UNIT 5: MEDIEVAL ENGLISH LITERATURE**

**Assignment Titles**

- |                                   |   |
|-----------------------------------|---|
| 1. Early England                  | 13. 14th Century Writers; Chaucer               |
| 2. Old English                    | 14. Chaucer's Language                          |
| 3. The Epic and Beowulf           | 15. Canterbury Tales                            |
| 4. Project: Kennings              | 16. Essay: Character Study                      |
| 5. Project: Beowulf               | 17. Essay: Modern Pilgrimage                    |
| 6. Elegies, Riddles, and Gnomes   | 18. The Nun's Priest's Tale                     |
| 7. Essay: The Elegies             | 19. Response to The Nun's Priest's Tale         |
| 8. Quiz 1: Old English            | 20. Quiz 3: Fourteenth Century Literature       |
| 9. English Literature (1066-1400) | 21. Special Project                             |
| 10. Project: Ballad               | 22. Test: Medieval English Literature           |
| 11. Essay: 13th C. Literary Forms | 23. Alternate Test: Medieval English Literature |
| 12. Quiz 2: Early Middle English  | 24. Reference                                   |

**ENGLISH IV**  
**UNIT 6: ELIZABETHAN LITERATURE**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Elizabethan Songs                        | 13. Hamlet: Act III                        |
| 2. Elizabethan Sonnets: Sidney              | 14. Hamlet: Act IV                         |
| 3. Sonnets: Spenser, Shakespeare, and Donne | 15. Hamlet: Act V                          |
| 4. Translations and Prose                   | 16. Quiz 3: Hamlet                         |
| 5. Essay: Elizabethan Literature            | 17. The Critical Essay                     |
| 6. Quiz 1: Elizabethan Poetry and Prose     | 18. Project: Preparing the Critical Essay  |
| 7. Elizabethan Drama                        | 19. Essay: Writing the Critical Essay      |
| 8. William Shakespeare                      | 20. Quiz 4: The Critical Essay             |
| 9. Quiz 2: Elizabethan Drama                | 21. Special Project                        |
| 10. Hamlet: Act I, i-ii                     | 22. Test: Elizabethan Literature           |
| 11. Hamlet: Act I, iii-v                    | 23. Alternate Test: Elizabethan Literature |
| 12. Hamlet: Act II                          | 24. Reference                              |

**ENGLISH IV**  
**UNIT 7: 17th- AND 18th-CENTURY ENGLISH LITERATURE**

**Assignment Titles**

- |  |   |
|--|---|
| 1. The Historical Background of the Literature | 11. Samuel Johnson  |
| 2. John Milton                                 | 12. Oliver Goldsmith  |
| 3. On the Morning of Christ's Nativity         | 13. Essay: Swift and Goldsmith                                |
| 4. Paradise Lost: Book I                       | 14. Quiz 3: Johnson and Goldsmith                             |
| 5. Paradise Lost: Book VII, Book XII           | 15. Special Project   |
| 6. John Bunyan                                 | 16. Test: 17th- and 18th-Century English Literature           |
| 7. Quiz 1: Milton and Bunyan                   | 17. Alternate Test: 17th- and 18th-Century English Literature |
| 8. Alexander Pope                              | 18. Reference   |
| 9. Jonathan Swift                              |   |
| 10. Quiz 2: Pope and Swift                     |   |

**ENGLISH IV**  
**UNIT 8: ROMANTIC AND VICTORIAN POETRY**

**Assignment Titles**

- |                                    |   |
|------------------------------------|---|
| 1. Romantic Revolution             | 13. Quiz 2: The Romantic Poets                    |
| 2. Poetic Revolution               | 14. Victorian Variety                             |
| 3. Quiz 1: The Romantic Age        | 15. Essay: Queen Victoria                         |
| 4. Romantic Poets: Wordsworth      | 16. Alfred, Lord Tennyson                         |
| 5. William Wordsworth: Other Poems | 17. Essay: Views of Nature                        |
| 6. Essay: Lessons from Nature      | 18. Robert and Elizabeth Barrett Browning         |
| 7. Samuel Taylor Coleridge         | 19. Gerard Manley Hopkins                         |
| 8. George Gordon, Lord Byron       | 20. Quiz 3: The Victorian Poets                   |
| 9. Essay: Response to Guilt        | 21. Special Project                               |
| 10. Percy Bysshe Shelley           | 22. Test: Romantic and Victorian Poetry           |
| 11. John Keats                     | 23. Alternate Test: Romantic and Victorian Poetry |
| 12. Essay: John Constable          | 24. Reference                                     |

**ENGLISH IV**  
**UNIT 9: CREATIVE WRITING**

**Assignment Titles**

- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| 1. Fiction                          | 12. Writing the Poem                 |
| 2. Poetry                           | 13. Project: Using Personification   |
| 3. Quiz 1: Fiction and Poetry       | 14. Project: Writing A Poem          |
| 4. Writing the Short Story          | 15. Project: Writing Free Verse      |
| 5. Project: Journal                 | 16. Project: Writing a Limerick      |
| 6. Project: Writing Descriptions    | 17. Quiz 3: Writing Poetry           |
| 7. Project: Character Sketch        | 18. Special Project                  |
| 8. Narration and Style              | 19. Test: Creative Writing           |
| 9. Essay: Inventing Characters      | 20. Alternate Test: Creative Writing |
| 10. Essay: Writing a Short Story    | 21. Reference                        |
| 11. Quiz 2: Writing the Short Story |                                      |

**ENGLISH IV**  
**UNIT 10: REVIEW**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Origin and Form of Words              | 15. Elizabethan Literature                       |
| 2. Grammar and Semantics                 | 16. Elizabethan Drama                            |
| 3. Reading and Literature Types          | 17. Hamlet                                       |
| 4. Expository Writing                    | 18. Quiz 2: The Middle Ages and Renaissance      |
| 5. Project: Expository Paragraph         | 19. Seventeenth-Century Puritan Literature       |
| 6. Sentence Structure                    | 20. Satire, Sense, and Sensibility               |
| 7. Sentence Errors                       | 21. Romantic Poetry                              |
| 8. Essay: Expository Essay               | 22. The Victorian Era                            |
| 9. Creative Writing                      | 23. Quiz 3: 17th-19th-Century English Literature |
| 10. Quiz 1: Language                     | 24. Special Project                              |
| 11. Medieval English Literature          | 25. Test: Review                                 |
| 12. Beowulf and Medieval English History | 26. Alternate Test: Review                       |
| 13. Middle English Literature            | 27. Reference                                    |
| 14. The Canterbury Tales                 |  |

## **MATHEMATICS**

### **MATHEMATICS 300**

#### **COURSE OVERVIEW**

Math 300 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, learning how to apply these in measurement situations. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical concepts.

By the end of the course, students will be expected to do the following:

- Understand place value and know how to compare and order numbers.
- Perform addition and subtraction, carrying and borrowing on whole numbers.
- Know basic multiplication facts.
- Understand representations in fraction and mixed number forms.
- Understand concepts of likelihood and basic probability.
- Understand concepts of shape, symmetry, and perimeter.
- Understand measurement concepts, including time and temperature.
- Understand representations using decimals and money.

MATHEMATICS 300	
UNIT 1: WHOLE NUMBERS	
Assignment Titles	
1. Course Overview	16. Quiz 3
2. Patterns: Digits and Number Words	17. Adding with Carrying
3. Place Value	18. Cardinal and Ordinal Numbers
4. Single-Digit Addition	19. Standard Measurement for Time
5. Single-Digit Subtraction	20. Calendar Time
6. Addition Problems	21. Quiz 4
7. Subtraction Problems	22. Unit Concept Review 1
8. Quiz 1	23. Unit Concept Review 2
9. Numbers on a Number Line	24. Practice: Addition and Subtraction
10. Pattern for Expanded Notation	25. Quiz 5
11. Adding Multi-digit Numbers	26. Special Project
12. Quiz 2	27. Review Game
13. Subtracting 3-Digit Numbers	28. Test
14. Measurement	29. Alternate Test
15. Operation Symbols	30. Reference

MATHEMATICS 300	
UNIT 2: NUMBER PATTERNS	
Assignment Titles	
1. Family of Facts	14. Money
2. Adding Ones, Tens, and Hundreds	15. Review: Borrowing
3. Subtracting Ones, Tens, and Hundreds	16. Addition: Checking Answers
4. Quiz 1	17. Subtraction: Checking Answers
5. Place Value and Number Words	18. Quiz 4
6. Addition with Carrying	19. Review: Number Order and Place Value
7. Skip Counting and Number Words	20. Review: Addition and Subtraction Facts
8. Quiz 2	21. Quiz 5
9. Skip Counting and Addition with Carrying	22. Special Project
10. Fractions	23. Review Game
11. Subtracting with Borrowing	24. Test
12. Quiz 3	25. Alternate Test
13. Shapes	26. Reference

**MATHEMATICS 300**  
**UNIT 3: WHOLE NUMBERS AND FRACTIONS**

**Assignment Titles**

1. Fact Families, Mental Math, and Addition	15	Fractions - Continued
2. Column Addition	16.	Addition Practice
3. Addition: With and Without Carrying	17.	Time: AM and PM
4. Quiz 1	18.	Quiz 4
5. Measurements: Weight and Volume	19.	Review: Addition, Subtraction, and Money
6. Fact Family, Place Value, and Number Order	20.	Review: Story Problems, Lines, Shapes, and Measurement
7. Checking Addition Problems	21.	Quiz 5
8. More Checking Addition Problems	22.	Special Project
9. Quiz 2	23.	Review Game
10. Subtraction with Borrowing	24.	Test
11. Number Sentences and Symbols	25.	Alternate Test
12. Subtraction with Borrowing and Checking	26.	Reference
13. Quiz 3		
14. Fractions		

**MATHEMATICS 300**  
**UNIT 4: PLACE VALUE**

**Assignment Titles**

1. Numbers to Thousands Place	13.	Roman Numerals
2. Addition and Skip Counting	14.	Review: Subtraction with Borrowing
3. Quiz 1	15	Quiz 4
4. Rounding and Estimation	16.	Review: Fractions
5. Subtraction with Borrowing	17.	Review: Word Problems and Money
6. Measurement	18.	Quiz 5
7. Quiz 2	19.	Special Project
8. Number Words and Place Value	20.	Review Game
9. Number Patterns	21.	Test
10. Addition and Subtraction: Horizontal Form	22.	Alternate Test
11. Quiz 3	23.	Reference
12. Adding and Subtracting Fractions		

**MATHEMATICS 300**  
**UNIT 5: MEASUREMENT, SHAPES, AND REVIEW**

**Assignment Titles**

1. Operation Symbols and Number Sense	14.	Odd And Even Numbers
2. Multi-Digit Addition And Subtraction	15	Review: Checking Addition
3. Cardinal and Ordinal Numbers	16.	Review: Checking Subtraction
4. Quiz 1	17.	Review: Roman Numerals and Fractions
5. Number Patterns Using Place Value	18.	Quiz 4
6. Measuring Temperature	19.	Review: Multiple Concepts
7. Quiz 2	20.	Review: Story Problems
8. Operation Symbols	21.	Quiz 5
9. Shapes and Symmetry	22.	Special Project
10. Rounding and Estimating	23.	Review Game
11. Finding Perimeter	24.	Test
12. Quiz 3	25.	Alternate Test
13. Multi-Digit Addition and Subtraction	26.	Reference

**MATHEMATICS 300**  
**UNIT 6: MULTIPLICATION, ADDITION, AND SUBTRACTION**

**Assignment Titles**

1. Multi-Digit Addition	13.	Lines, Angles, and Temperature
2. Skip Counting and Multiplication	14.	Review: Addition and Subtraction
3. Review: Telling Time	15	Quiz 4
4. Quiz 1	16.	Story Problems
5. Review: Subtraction	17.	Multiple Concept Review
6. Perimeter and Area	18.	Review: Calendar
7. Review: Fractions	19.	Quiz 5
8. Quiz 2	20.	Special Project
9. Addition and Equivalent Fractions	21.	Review Game
10. Money Computation and Roman Numerals	22.	Test
11. Quiz 3	23.	Alternate Test
12. Multiplication	24.	Reference

**MATHEMATICS 300**  
**UNIT 7: OPERATIONS, LIKELIHOOD, AND PROBABILITY**

**Assignment Titles**

- |   |                              |
|---|------------------------------|
| 1. Review: Place Value                          | 13. Quiz 3                   |
| 2. Review: Subtraction with Borrowing           | 14. Review: Money            |
| 3. Multiplication Facts (1)                     | 15. Multiplication Facts (2) |
| 4. Quiz 1                                       | 16. Quiz 4                   |
| 5. Measurement                                  | 17. Multiple Concept Review  |
| 6. Practicing Subtraction with Borrowing        | 18. Quiz 5                   |
| 7. Mixed Numbers                                | 19. Special Project          |
| 8. Quiz 2                                       | 20. Review Game              |
| 9. Review: Expanded Notation and Roman Numerals | 21. Test                     |
| 10. Probability and Likelihood                  | 22. Alternate Test           |
| 11. Math Facts                                  | 23. Reference                |
| 12. Symmetry                                    |                              |

**MATHEMATICS 300**  
**UNIT 8: MEASUREMENT, FRACTIONS, AND DECIMALS**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. Shapes, Measurement, and Addition       | 12. Multiple Concept Practice      |
| 2. Time and Measurement                    | 13. Review: Addition With Checking |
| 3. Quiz 1                                  | 14. Quiz 4                         |
| 4. Fractions, Odd and Even Number Patterns | 15. Word Problems                  |
| 5. Decimals                                | 16. Using Graphs                   |
| 6. Money Problems                          | 17. Quiz 5                         |
| 7. Quiz 2                                  | 18. Special Project                |
| 8. Fractions, Place Value, and Measurement | 19. Review Game                    |
| 9. Directions                              | 20. Test                           |
| 10. Quiz 3                                 | 21. Alternate Test                 |
| 11. Multiplication Facts                   | 22. Reference                      |

**MATHEMATICS 300**  
**UNIT 9: REVIEW: MULTIPLE CONCEPTS**

**Assignment Titles**

- |   |                             |
|---|-----------------------------|
| 1. How Numbers Work                       | 13. Quiz 3                  |
| 2. Math Facts                             | 14. Symmetry and Shapes     |
| 3. Add/Subtract with Checking             | 15. Roman Numerals          |
| 4. Multiplication                         | 16. Quiz 4                  |
| 5. Quiz 1                                 | 17. Likelihood and Graphing |
| 6. Equivalent Fractions                   | 18. Problem Solving         |
| 7. Reading and Writing Fractions          | 19. Quiz 5                  |
| 8. Fraction Computation                   | 20. Special Project         |
| 9. Quiz 2                                 | 21. Review Game             |
| 10. Measure: Length, Perimeter, and Area  | 22. Test                    |
| 11. Measure: Money, Time, and Temperature | 23. Alternate Test          |
| 12. Measure: Weight and Volume            | 24. Reference               |

**MATHEMATICS 300**  
**UNIT 10: BASIC MATH REVIEW**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Review: Rounding and Estimation                       | 13. Review: Shapes and Symmetry         |
| 2. Review: Adding Fractions                              | 14. Review: Roman Numerals              |
| 3. Review: Subtracting Fractions                         | 15. Review: Measurement                 |
| 4. Review: Multiplication Facts                          | 16. Quiz 4                              |
| 5. Quiz 1  | 17. Review: Number Symbols and Grouping |
| 6. Review: Mental Math, Graphs, Likelihood               | 18. Review: Perimeter and Area          |
| 7. Review: Addition and Subtraction Computation          | 19. Review: Problem Solving             |
| 8. Quiz 2  | 20. Quiz 5                              |
| 9. Review: Fractions and Decimals                        | 21. Special Project                     |
| 10. Review: Add and Subtract Mixed Numbers and Fractions | 22. Review Game                         |
| 11. Review: Finding Missing Numbers                      | 23. Test                                |
| 12. Quiz 3   | 24. Alternate Test                      |
|  | 25. Reference                           |



**MATHEMATICS 400****COURSE OVERVIEW**

Math 400 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, teaches measurement skills, and introduces students to statistical concepts.

By the end of the course, students will be expected to do the following:

- Perform all four operations on whole numbers.
- Compare and order numbers, using place value and rounding.
- Add and subtract fractions and decimals.
- Understand measurement concepts, including the metric system.
- Calculate perimeters and areas of regular plane shapes.
- Represent data on varied statistical charts.

<b>MATHEMATICS 400</b>	
<b>UNIT 1: NUMBER SENSE AND PLACE VALUE</b>	
<b>Assignment Titles</b>	
1. Course Overview	16. Quiz 3
2. Place Value to 1,000s	17. Reading and Writing Fractions
3. Single-Digit Addition	18. Practice Multiplication
4. Single-Digit Subtraction	19. Counting Money
5. Multi-Digit Addition	20. Operations
6. Multi-Digit Subtraction	21. Quiz 4
7. Review Place Value to 1,000s	22. Review: Numbers
8. Quiz 1	23. Story Problems
9. Multiplication Facts	24. Quiz 5
10. Family of Facts	25. Special Project
11. Telling Time	26. Review Game
12. Quiz 2	27. Test
13. Number Words	28. ALTERNATE TEST
14. Patterns	29. Reference
15. Cardinal and Ordinal Numbers	30.

<b>MATHEMATICS 400</b>	
<b>UNIT 2: ROUNDING AND ESTIMATION</b>	
<b>Assignment Titles</b>	
1. Operations	15. Equivalent Fractions
2. Multiplication Facts: 6-10 and Review	16. Rounding Numbers to 100s
3. Using Standard Measures	17. Estimating Answers to 100s
4. Quiz 1	18. Review: Computation
5. Place Value to 10,000s	19. Quiz 4
6. Relation Symbols	20. Review: Bar Graphs and Fractions
7. Missing Number Equations	21. Review: Fractions
8. Review: Even and Odd Numbers	22. Quiz 5
9. Quiz 2	23. Special Project
10. Adding and Subtracting Fractions	24. Review Game
11. Rounding Numbers to 10s	25. TEST
12. Estimating Answers to 10s	26. ALTERNATE TEST
13. Review: Math Symbols	27. Reference
14. Quiz 3	

**MATHEMATICS 400**  
**UNIT 3: WHOLE NUMBERS AND FRACTIONS**

**Assignment Titles**

1. Place Value	15 Quiz 3
2. Rounding Numbers to 10s, 100s, and 1,000s	16. Equivalent Fractions
3. Multiply with Carrying to 10s	17. Learn Numbers to 100,000s
4. Multiplication Practice	18. Equations
5. Quiz 1	19. Quiz 4
6. Multi-Digit Addition and Subtraction	20. Reading and Solving Story Problems
7. Rounding and Estimating	21. Line Graphs
8. Fractions Equal to Whole Numbers	22. Quiz 5
9. Quiz 2	23. Special Project
10. Estimate Answers to 1,000s	24. Review Game
11. Relation Symbols	25. TEST
12. Fractions	26. ALTERNATE TEST
13. Add and Subtract to 10,000s	27. Reference
14. Check Your Answers	

**MATHEMATICS 400**  
**UNIT 4: LINES AND SHAPES**

**Assignment Titles**

1. Plane and Solid Shapes	12. Missing Number Problems
2. Quiz 1	13. Review: Operation and Relation Symbols
3. Practice Addition and Subtraction	14. Quiz 4
4. Place Value and Rounding	15. Review: Expanded Notation and Estimation
5. Multiply with Carrying to 100s	16. Review: Fractions and Place Value
6. Quiz 2	17. Quiz 5
7. Lines, Segments, End Points, Rays, Angles	18. Special Project
8. Lines, Directions, and Maps	19. Review Game
9. Quiz 3	20. TEST
10. Review: Plane and Solid Shapes	21. ALTERNATE TEST
11. Fractions	22. Reference

**MATHEMATICS 400**  
**UNIT 5: DIVISION AND MEASUREMENT**

**Assignment Titles**

1. Introduction to Division	14. Quiz 3
2. Multiplication	15. Missing Number Problems
3. Addition and Subtraction	16. Division Practice
4. Review: Time and Number Sense	17. Roman Numerals
5. Quiz 1	18. Review: Regrouping
6. Linear Measurement	19. Quiz 4
7. Capacity (Dry and Liquid Measurement)	20. Patterns
8. Division Facts	21. Quiz 5
9. Review: Multiplication	22. Special Project
10. Quiz 2	23. Review Game
11. Reading a Calendar	24. TEST
12. Perimeter and Area	25. ALTERNATE TEST
13. Finding Perimeter and Area	26. Reference

**MATHEMATICS 400**  
**UNIT 6: MULTIPLICATION AND FRACTIONS**

**Assignment Titles**

1. Prime and Composite Numbers	13. Equivalent Fractions
2. Multiples	14. Review: Rounding and Shapes
3. Division with Remainders	15. Quiz 4
4. Quiz 1	16. Factors and Multiples
5. Equations and Grouping	17. Problem Solving with Equations
6. Proper and Improper Fractions	18. Quiz 5
7. Quiz 2	19. Special Project
8. Multiplication Facts For 11 and 12	20. Review Game
9. Fractions and Mixed Numbers	21. TEST
10. Review: Division and Roman Numerals	22. ALTERNATE TEST
11. Quiz 3	23. Reference
12. Measurements	

**MATHEMATICS 400**  
**UNIT 7: FRACTIONS AND PATTERNS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Multiplication and Division         | 13. Review: Shapes, Perimeter, and Area  |
| 2. Factors, Multiples, and Variables   | 14. Fractions and Patterns               |
| 3. Fractions                           | 15. Practice: Operations and Money       |
| 4. Quiz 1                              | 16. Quiz 4                               |
| 5. Multiplication and Fractions        | 17. Review: Cardinal and Ordinal Numbers |
| 6. Average and Number Rules            | 18. Quiz 5                               |
| 7. Review: Measurement and Place Value | 19. Special Project                      |
| 8. Quiz 2                              | 20. Review Game                          |
| 9. Fractions                           | 21. TEST                                 |
| 10. Missing Number Problems            | 22. ALTERNATE TEST                       |
| 11. Quiz 3                             | 23. Reference                            |
| 12. Rounding Numbers and Place Value   |  |

**MATHEMATICS 400**  
**UNIT 8: DIVISION AND FRACTIONS**

**Assignment Titles**

- |                                     |  |
|-------------------------------------|--|
| 1. Factoring and Place Value        | 13. Fractions  |
| 2. Review: Two-Digit Multiplication | 14. Review: Time                                     |
| 3. Fractions                        | 15. Quiz 4   |
| 4. Quiz 1                           | 16. Review: Operations and Rounding                  |
| 5. Division                         | 17. Review: Roman Numerals, Measurement, and Symbols |
| 6. Fractions                        | 18. Quiz 5   |
| 7. Missing Number Problems          | 19. Special Project                                  |
| 8. Quiz 2                           | 20. Review Game                                      |
| 9. Multiplication                   | 21. TEST   |
| 10. Division                        | 22. ALTERNATE TEST                                   |
| 11. Quiz 3                          | 23. Reference  |
| 12. The Metric System               |  |

**MATHEMATICS 400**  
**UNIT 9: DECIMALS AND FRACTIONS**

**Assignment Titles**

- |  |                       |
|--|-----------------------|
| 1. Decimals                              | 13. Mixed Numbers     |
| 2. Money                                 | 14. Sensible Answers  |
| 3. Multiplication of Whole Numbers       | 15. Quiz 4            |
| 4. Quiz 1                                | 16. Review: Fractions |
| 5. Ordered Pairs                         | 17. Review            |
| 6. Division and Averages                 | 18. Quiz 5            |
| 7. Quiz 2                                | 19. Special Project   |
| 8. Add and Subtract Decimals             | 20. Review Game       |
| 9. Fractions with Different Denominators | 21. TEST              |
| 10. Equivalent Fractions and Decimals    | 22. ALTERNATE TEST    |
| 11. Quiz 3                               | 23. Reference         |
| 12. Multiply and Divide                  |                       |

**MATHEMATICS 400**  
**UNIT 10: GRAPHING AND REVIEW**

**Assignment Titles**

- |  |                                     |
|--|-------------------------------------|
| 1. Data Collection and Random Sampling | 11. Quiz 3                          |
| 2. Project: Collecting Data            | 12. Sizes, Shapes, and Measurements |
| 3. Project: Predicting Data            | 13. Word Problems and Equations     |
| 4. Graphs                              | 14. Quiz 4                          |
| 5. Quiz 1                              | 15. Special Project                 |
| 6. Whole Numbers                       | 16. Review Game                     |
| 7. Decimal Numbers                     | 17. TEST                            |
| 8. Quiz 2                              | 18. ALTERNATE TEST                  |
| 9. Problem Solving with Fractions      | 19. Reference                       |
| 10. Fractions                          |                                     |

## MATHEMATICS 500

### COURSE OVERVIEW

Math 500 is a full-year elementary math course focusing on number skills, numerical literacy, and geometric concepts. In it, students will gain solid experience with number theory and operations, including whole numbers, decimals, and fractions. In addition, students will develop their understanding of measurement and two- and three-dimensional figures. This course also integrates mathematical practices throughout the units, as well as introducing students to algebraic, statistical, and probability concepts.

By the end of the course, students will be expected to do the following:

- Perform all four operations on whole numbers and decimals (to hundredths).
- Perform addition and subtraction of fractions and mixed numbers with like and unlike denominators.
- Understand place value of decimal numbers (to thousandths).
- Evaluate expressions for given values and plot whole number ordered pairs on coordinate grids.
- Represent and interpret data on line plots, stem-and-leaf plots, line graphs, and bar graphs.
- Convert units of measurement within a given measurement system.
- Classify plane shapes and calculate their perimeter and area.

<b>MATHEMATICS 500</b>	
<b>UNIT 1: PLACE VALUE, ADDITION, AND SUBTRACTION</b>	
<b>Assignment Titles</b>	
1. Course Overview	15. Adding and Subtracting Whole Numbers
2. Whole Number Place Value	16. Adding Decimal Numbers
3. Comparing and Ordering Whole Numbers	17. Subtracting Decimal Numbers
4. Decimal Number Place Value	18. Project: Logical Reasoning
5. Comparing and Ordering Decimal Numbers	19. Quiz 3: Addition and Subtraction
6. Quiz 1: Place Value	20. Alternate Quiz 3:Form A: Addition and Subtraction
7. Alternate Quiz 1:Form A: Place Value	21. Alternate Quiz 3:Form B: Addition and Subtraction
8. Alternate Quiz 1:Form B: Place Value	22. Special Project
9. Rounding Whole Numbers and Decimals	23. Review
10. Estimating Sums and Differences	24. Test
11. Add and Subtract Mentally	25. Alternate Test: Form A
12. Quiz 2: Rounding and Estimating	26. Alternate Test: Form B
13. Alternate Quiz 2:Form A: Rounding and Estimating	27. Glossary and Credits
14. Alternate Quiz 2:Form B: Rounding and Estimating	

<b>MATHEMATICS 500</b>	
<b>UNIT 2: MULTIPLYING WHOLE NUMBERS AND DECIMALS</b>	
<b>Assignment Titles</b>	
1. Estimating Whole Number Products	14. Estimating Decimal Products
2. Properties of Multiplication	15. Multiplying Whole Numbers by Decimals
3. Multiplying Whole Numbers	16. Multiplying Decimals by Decimals
4. Quiz 1: Multiplying Whole Numbers	17. Solving Multiplication Problems
5. Alternate Quiz 1:Form A: Multiplying Whole Numbers	18. Quiz 3: Multiplying Decimal Number
6. Alternate Quiz 1:Form B: Multiplying Whole Numbers	19. Alternate Quiz 3:Form A: Multiplying Decimal Numbers
7. Exponents	20. Alternate Quiz 3:Form B: Multiplying Decimal Numbers
8. Multiplying Whole Numbers by Powers of Ten	21. Special Project
9. Project: How Much is a Million	22. Review
10. Multiplying Decimals by Powers of Ten	23. Test
11. Quiz 2: Powers	24. Alternate Test: Form A
12. Alternate Quiz 2:Form A: Powers	25. Alternate Test: Form B
13. Alternate Quiz 2:Form B: Powers	26. Glossary and Credits

**MATHEMATICS 500**  
**UNIT 3: DIVIDING WHOLE NUMBERS AND DECIMALS**

**Assignment Titles**

1. Understanding Division	14. Alternate Quiz 2:Form B: Two-Digit Divisors
2. Estimating Quotients	15. Dividing by Powers of Ten
3. Dividing Whole Numbers	16. Dividing Decimals by Whole Numbers
4. Remainders	17. Dividing with Money
5. Quiz 1: One-Digit Divisors	18. Quiz 3: Decimal Division
6. Alternate Quiz 1:Form A: One-Digit Divisors	19. Alternate Quiz 3:Form A: Decimal Division
7. Alternate Quiz 1:Form B: One-Digit Divisors	20. Alternate Quiz 3:Form B: Decimal Division
8. Dividing by Multiples of Ten	21. Special Project
9. Dividing Whole Numbers I	22. Review
10. Dividing Whole Numbers II	23. Test
11. Interpreting the Remainder	24. Alternate Test: Form A
12. Quiz 2: Two-Digit Divisors	25. Alternate Test: Form B
13. Alternate Quiz 2:Form A: Two-Digit Divisors	26. Glossary and Credits

**MATHEMATICS 500**  
**UNIT 4: ALGEBRA AND GRAPHING**

**Assignment Titles**

1. Addition and Subtraction Expressions	14. The Coordinate Plane
2. Multiplication Expressions	15. Graphing Functions
3. The Order of Operations	16. Interpreting Graphs
4. Quiz 1: Expressions	17. Integers
5. Alternate Quiz 1:Form A: Expressions	18. Quiz 3: Graphing
6. Alternate Quiz 1:Form B: Expressions	19. Alternate Quiz 3:Form A: Graphing
7. Addition and Subtraction Equations	20. Alternate Quiz 3:Form B: Graphing
8. Multiplication Equations	21. Special Project
9. Functions	22. Review
10. Project: Patterns	23. Test
11. Quiz 2: Functions and Equations	24. Alternate Test: Form A
12. Alternate Quiz 2:Form A: Functions and Equations	25. Alternate Test: Form B
13. Alternate Quiz 2:Form B: Functions and Equations	26. Glossary and Credits

**MATHEMATICS 500**  
**UNIT 5: MEASUREMENT**

**Assignment Titles**

1. The Metric System	14. Alternate Quiz 2:Form B: The Customary System
2. Length	15. Time
3. Mass	16. Elapsed Time
4. Capacity	17. Temperature
5. Quiz 1: The Metric System	18. Quiz 3: Time and Temperature
6. Alternate Quiz 1:Form A: The Metric System	19. Alternate Quiz 3:Form A: Time and Temperature
7. Alternate Quiz 1:Form B: The Metric System	20. Alternate Quiz 3:Form B: Time and Temperature
8. Length	21. Special Project
9. Weight	22. Review
10. Capacity	23. Test
11. Project: Density	24. Alternate Test: Form A
12. Quiz 2: The Customary System	25. Alternate Test: Form B
13. Alternate Quiz 2:Form A: The Customary System	26. Glossary and Credits

**MATHEMATICS 500**  
**UNIT 6: FACTORS AND FRACTIONS**

**Assignment Titles**

1. Factors	14. Least Common Multiple
2. Prime Factorization	15. Comparing Fractions
3. Greatest Common Factor	16. Fractions and Decimals
4. Quiz 1: Factors	17. Rounding Fractions
5. Alternate Quiz 1:Form A: Factors	18. Quiz 3: Fractions
6. Alternate Quiz 1:Form B: Factors	19. Alternate Quiz 3:Form A: Fractions
7. Fractions	20. Alternate Quiz 3:Form B: Fractions
8. Improper Fractions and Mixed Numbers	21. Special Project
9. Simplifying Fractions	22. Review
10. Equivalent Fractions	23. Test
11. Quiz 2: Equivalent Fractions	Alternate Test: Form A
12. Alternate Quiz 2:Form A: Equivalent Fractions	Alternate Test: Form B
13. Alternate Quiz 2:Form B: Equivalent Fractions	Glossary and Credits

**MATHEMATICS 500**  
**UNIT 7: FRACTION OPERATIONS**

**Assignment Titles**

1. Adding and Subtracting Fractions	15	Multiplying Fractions
2. Adding and Subtracting Mixed Numbers	16.	Multiplying Mixed Numbers
3. Estimating Sums and Differences	17.	Dividing Fractions
4. Quiz 1: Like Denominators	18.	Quiz 3: Multiplying and Dividing Fractions
5. Alternate Quiz 1:Form A: Like Denominators	19.	Alternate Quiz 3:Form A: Multiplying and Dividing Fractions
6. Alternate Quiz 1:Form B: Like Denominators	20.	Alternate Quiz 3:Form B: Multiplying and Dividing Fractions
7. Adding Fractions	21.	Special Project
8. Subtracting Fractions	22.	Review
9. Adding Mixed Numbers	23.	Test
10. Subtracting Mixed Numbers	24.	Alternate Test: Form A
11. Quiz 2: Unlike Denominators	25.	Alternate Test: Form B
12. Alternate Quiz 2:Form A: Unlike Denominators	26.	Glossary and Credits
13. Alternate Quiz 2:Form B: Unlike Denominators		
14. Multiplying Whole Numbers and Fractions		

**MATHEMATICS 500**  
**UNIT 8: DATA ANALYSIS AND PROBABILITY**

**Assignment Titles**

1. Collecting Data and Frequency Tables	13.	Alternate Quiz 2:Form B: Displaying Data
2. Measures of Central Tendency	14.	Probability
3. Line Plots	15.	Probability as a Fraction
4. Stem-and-Leaf Plots	16.	Listing Outcomes
5. Quiz 1: Collecting and Analyzing Data	17.	Making Predictions
6. Alternate Quiz 1:Form A: Collecting and Analyzing Data	18.	Quiz 3: Probability
7. Alternate Quiz 1:Form B: Collecting and Analyzing Data	19.	Alternate Quiz 3:Form A: Probability
8. Bar Graphs	20.	Alternate Quiz 3:Form B: Probability
9. Line Graphs	21.	Special Project
10. Choosing the Right Graph	22.	Review
11. Quiz 2: Displaying Data	23.	Test
12. Alternate Quiz 2:Form A: Displaying Data	24.	Alternate Test: Form A
	25.	Alternate Test: Form B
	26.	Glossary and Credits

**MATHEMATICS 500**  
**UNIT 9: GEOMETRY**

**Assignment Titles**

1. Geometry Terms	14.	Similar and Congruent Figures
2. Angles	15.	Transformations
3. Circles	16.	Symmetry
4. Quiz 1: Geometry	17.	Project: Constructions
5. Alternate Quiz 1:Form A: Geometry	18.	Quiz 3: Transformations and Symmetry
6. Alternate Quiz 1:Form B: Geometry	19.	Alternate Quiz 3:Form A: Transformations and Symmetry
7. Polygons	20.	Alternate Quiz 3:Form B: Transformations and Symmetry
8. Triangles	21.	Special Project
9. Quadrilaterals	22.	Review
10. Solid Figures	23.	Test
11. Quiz 2: Classifying Plane and Solid Figures	24.	Alternate Test: Form A
12. Alternate Quiz 2:Form A: Classifying Plane and Solid Figures	25.	Alternate Test: Form B
13. Alternate Quiz 2:Form B: Classifying Plane and Solid Figures	26.	Glossary and Credits

**MATHEMATICS 500**  
**UNIT 10: PERIMETER, AREA, AND VOLUME****Assignment Titles**

- |                                       |  |
|---------------------------------------|--|
| 1. Polygons                           | 14. Surface Area                           |
| 2. Regular Polygons                   | 15. Volume                                 |
| 3. Circumference                      | 16. Solving Volume Problems                |
| 4. Quiz 1: Perimeter                  | 17. Project: Solid Figures                 |
| 5. Alternate Quiz 1:Form A: Perimeter | 18. Quiz 3: Solid Figures                  |
| 6. Alternate Quiz 1:Form B: Perimeter | 19. Alternate Quiz 3:Form A: Solid Figures |
| 7. Area                               | 20. Alternate Quiz 3:Form B: Solid Figures |
| 8. Squares and Rectangles             | 21. Special Project                        |
| 9. Parallelograms                     | 22. Review                                 |
| 10. Triangles                         | 23. Test                                   |
| 11. Quiz 2: Area                      | 24. Alternate Test: Form A                 |
| 12. Alternate Quiz 2:Form A: Area     | 25. Alternate Test: Form B                 |
| 13. Alternate Quiz 2:Form B: Area     | 26. Glossary and Credits                   |

**MATHEMATICS 500**  
**UNIT 11: COURSE REVIEW AND EXAM****Assignment Titles**

- |                    |                           |
|--------------------|---------------------------|
| 1. Course Review 1 | 4. Alternate Exam: Form A |
| 2. Course Review 2 | 5. Alternate Exam: Form B |
| 3. Exam            |                           |

**MATHEMATICS 600****COURSE OVERVIEW**

Math 600 is a full-year elementary math course focusing on number skills and numerical literacy, with an introduction to the number skills needed for algebra. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical and probability concepts.

By the end of the course, students will be expected to do the following:

- Perform all four operations on whole numbers, decimals, and fractions.
- Factor numbers completely and find greatest common factors.
- Convert between fractions, decimals, and percentages.
- Represent numbers with exponents.
- Calculate perimeters and areas of regular plane shapes and measure angles.
- Plot ordered pairs on coordinate grids.
- Represent data on statistical charts, including picture, bar, line, and circle graphs.
- Calculate probabilities and make predictions.

<b>MATHEMATICS 600</b>	
<b>UNIT 1: WHOLE NUMBERS AND ALGEBRA</b>	
<b>Assignment Titles</b>	
1. Course Overview	14. Alternate Quiz 2:Form B: Operations and Number Patterns
2. Rounding and Estimation	15. Variables
3. Whole Number Operations	16. Expressions
4. Real Number Properties	17. Variable Expressions
5. Quiz 1: Whole Numbers and Their Properties	18. Equations and Mental Math
6. Alternate Quiz 1:Form A: Whole Numbers and Their Properties	19. Quiz 3: Algebra
7. Alternate Quiz 1:Form B: Whole Numbers and Their Properties	20. Alternate Quiz 3:Form A: Algebra
8. Exponents	21. Alternate Quiz 3:Form B: Algebra
9. Squares, Cubes, and Roots	22. Special Project
10. Order of Operations	23. Review
11. Number Patterns	24. Test
12. Quiz 2: Operations and Number Patterns	25. Alternate Test: Form A
13. Alternate Quiz 2:Form A: Operations and Number Patterns	26. Alternate Test: Form B
	27. Glossary and Credits

<b>MATHEMATICS 600</b>	
<b>UNIT 2: DATA ANALYSIS</b>	
<b>Assignment Titles</b>	
1. Collecting Data and the Mean	14. Bar Graphs
2. Median, Mode, and Range	15. Line Graphs
3. Describing Data	16. Venn Diagrams
4. Quiz 1: Collecting and Describing Data	17. Vertex-Edge Graphs
5. Alternate Quiz 1:Form A: Collecting and Describing Data	18. Quiz 3: Displaying and Interpreting Data
6. Alternate Quiz 1:Form B: Collecting and Describing Data	19. Alternate Quiz 3:Form A: Displaying and Interpreting Data
7. Frequency Tables	20. Alternate Quiz 3:Form B: Displaying and Interpreting Data
8. Histograms	21. Special Project
9. Line Plots	22. Review
10. Stem-and-Leaf Plots	23. Test
11. Quiz 2: Organizing Data	24. Alternate Test: Form A
12. Alternate Quiz 2:Form A: Organizing Data	25. Alternate Test: Form B
13. Alternate Quiz 2:Form B: Organizing Data	26. Glossary and Credits



**MATHEMATICS 600  
UNIT 3: DECIMALS**

**Assignment Titles**

1. Decimals and Place Value	15	Length
2. Ordering and Comparing	16.	Mass and Capacity
3. Rounding and Estimating	17.	Multiplying and Dividing by Powers of Ten
4. Adding and Subtracting	18.	Converting Metric Units
5. Quiz 1: Decimal Numbers	19.	Quiz 3: The Metric System
6. Alternate Quiz 1:Form A: Decimal Numbers	20.	Alternate Quiz 3:Form A: The Metric System
7. Alternate Quiz 1:Form B: Decimal Numbers	21.	Alternate Quiz 3:Form B: The Metric System
8. Multiplying by Whole Numbers	22.	Special Project
9. Multiplying by Decimals	23.	Review
10. Dividing by Whole Numbers	24.	Test
11. Dividing by Decimals	25.	Alternate Test: Form A
12. Quiz 2: Multiplying and Dividing Decimal Numbers	26.	Alternate Test: Form B
13. Alternate Quiz 2:Form A: Multiplying and Dividing Decimal Numbers	27.	Glossary and Credits
14. Alternate Quiz 2:Form B: Multiplying and Dividing Decimal Numbers		

**MATHEMATICS 600  
UNIT 4: FRACTIONS**

**Assignment Titles**

1. Divisibility and Prime Factorization	14.	Changing Decimals to Fractions
2. Greatest Common Factor	15	Changing Fractions to Decimals
3. Fractions	16.	Estimating with Fractions
4. Equivalent Fractions	17.	Measures of Time
5. Quiz 1: Factors and Fractions	18.	Quiz 3: Decimals and Fractions
6. Alternate Quiz 1:Form A: Factors and Fractions	19.	Alternate Quiz 3:Form A: Decimals and Fractions
7. Alternate Quiz 1:Form B: Factors and Fractions	20.	Alternate Quiz 3:Form B: Decimals and Fractions
8. Least Common Multiple	21.	Special Project
9. Comparing and Ordering Fractions	22.	Review
10. Improper Fractions and Mixed Numbers	23.	Test
11. Quiz 2: The LCM and Fractions	24.	Alternate Test: Form A
12. Alternate Quiz 2:Form A: The LCM and Fractions	25.	Alternate Test: Form B
13. Alternate Quiz 2:Form B: The LCM and Fractions	26.	Glossary and Credits

**MATHEMATICS 600  
UNIT 5: FRACTION OPERATIONS**

**Assignment Titles**

1. Fractions with Like Denominators	14.	Alternate Quiz 2:Form B: Multiplying and Dividing Fractions
2. Fractions with Unlike Denominators	15	Length
3. Mixed Numbers	16.	Weight
4. Renaming Mixed Numbers	17.	Capacity
5. Quiz 1: Adding and Subtracting Fractions	18.	Quiz 3: The Customary System
6. Alternate Quiz 1:Form A: Adding and Subtracting Fractions	19.	Alternate Quiz 3:Form A: The Customary System
7. Alternate Quiz 1:Form B: Adding and Subtracting Fractions	20.	Alternate Quiz 3:Form B: The Customary System
8. Multiplying Fractions	21.	Special Project
9. Multiplying Mixed Numbers	22.	Review
10. Dividing Fractions	23.	Test
11. Dividing Mixed Numbers	24.	Alternate Test: Form A
12. Quiz 2: Multiplying and Dividing Fractions	25.	Alternate Test: Form B
13. Alternate Quiz 2:Form A: Multiplying and Dividing Fractions	26.	Glossary and Credits

**MATHEMATICS 600**  
**UNIT 6: RATIO, PROPORTION, AND PERCENT**

**Assignment Titles**

1. Ratios	14. Converting Between Decimals and Percents
2. Geometry: Circumference	15. Converting Between Fractions and Percents
3. Rates	16. Data Analysis: Circle Graphs
4. Quiz 1: Ratios	17. Percent of a Number
5. Alternate Quiz 1:Form A: Ratios	18. Quiz 3: Percent
6. Alternate Quiz 1:Form B: Ratios	19. Alternate Quiz 3:Form A: Percent
7. Proportions	20. Alternate Quiz 3:Form B: Percent
8. Solving Proportions	21. Special Project
9. Scale Drawings	22. Review
10. Project: Make a Scale Drawing	23. Test
11. Quiz 2: Proportions	24. Alternate Test: Form A
12. Alternate Quiz 2:Form A: Proportions	25. Alternate Test: Form B
13. Alternate Quiz 2:Form B: Proportions	26. Glossary and Credits

**MATHEMATICS 600**  
**UNIT 7: PROBABILITY AND GEOMETRY**

**Assignment Titles**

1. Introduction to Probability	14. Triangles
2. Complementary Events	15. Quadrilaterals
3. Sample Space	16. Polygons
4. Project: Theoretical vs. Experimental Probability	17. Congruent and Similar Figures
5. Quiz 1: Probability	18. Quiz 3: Geometry: Polygons
6. Alternate Quiz 1:Form A: Probability	19. Alternate Quiz 3:Form A: Geometry: Polygons
7. Alternate Quiz 1:Form B: Probability	20. Alternate Quiz 3:Form B: Geometry: Polygons
8. Introduction to Geometry	21. Special Project
9. Measuring and Classifying Angles	22. Review
10. Angle Relationships	23. Test
11. Quiz 2: Geometry: Angles	24. Alternate Test: Form A
12. Alternate Quiz 2:Form A: Geometry: Angles	25. Alternate Test: Form B
13. Alternate Quiz 2:Form B: Geometry: Angles	26. Glossary and Credits

**MATHEMATICS 600**  
**UNIT 8: GEOMETRY AND MEASUREMENT**

**Assignment Titles**

1. Perimeter	13. Finding Missing Dimensions
2. Area of Parallelograms	14. Project: Triangular Prisms
3. Area of Triangles	15. Quiz 2: Solid Figures
4. Area of Composite Figures	16. Alternate Quiz 2:Form A: Solid Figures
5. Area of Circles	17. Alternate Quiz 2:Form B: Solid Figures
6. Project: Estimating Area	18. Special Project
7. Quiz 1: Plane Figures	19. Review
8. Alternate Quiz 1:Form A: Plane Figures	20. Test
9. Alternate Quiz 1:Form B: Plane Figures	21. Alternate Test: Form A
10. Solid Figures	22. Alternate Test: Form B
11. Surface Area of Rectangular Prisms	23. Glossary and Credits
12. Volume of Rectangular Prisms	

**MATHEMATICS 600**  
**UNIT 9: INTEGERS AND TRANSFORMATIONS**

**Assignment Titles**

1. Integers	14. Alternate Quiz 2:Form B: Integer Operations
2. Comparing and Ordering Integers	15. Translations
3. Absolute Value	16. Reflections and Rotations
4. Coordinate Plane	17. Line Symmetry
5. Quiz 1: Integers	18. Quiz 3: Transformations
6. Alternate Quiz 1:Form A: Integers	19. Alternate Quiz 3:Form A: Transformations
7. Alternate Quiz 1:Form B: Integers	20. Alternate Quiz 3:Form B: Transformations
8. Addition	21. Special Project
9. Subtraction	22. Review
10. Multiplication	23. Test
11. Division	24. Alternate Test: Form A
12. Quiz 2: Integer Operations	25. Alternate Test: Form B
13. Alternate Quiz 2:Form A: Integer Operations	26. Glossary and Credits

**MATHEMATICS 600**  
**UNIT 10: EQUATIONS AND FUNCTIONS****Assignment Titles**

- |  |  |
|--|--|
| 1. Equations   | 14. Alternate Quiz 2:Form B: More Equations and Inequalities |
| 2. Writing Equations   | 15. Functions  |
| 3. Addition Equations  | 16. Function Rules   |
| 4. Subtraction Equations                                     | 17. Graphing Functions                                       |
| 5. Quiz 1: Equations   | 18. Quiz 3: Functions  |
| 6. Alternate Quiz 1:Form A: Equations                        | 19. Alternate Quiz 3:Form A: Functions                       |
| 7. Alternate Quiz 1:Form B: Equations                        | 20. Alternate Quiz 3:Form B: Functions                       |
| 8. Multiplication Equations                                  | 21. Special Project  |
| 9. Division Equations  | 22. Review   |
| 10. Inequalities   | 23. Test   |
| 11. Graphing Inequalities                                    | 24. Alternate Test: Form A                                   |
| 12. Quiz 2: More Equations and Inequalities                  | 25. Alternate Test: Form B                                   |
| 13. Alternate Quiz 2:Form A: More Equations and Inequalities | 26. Glossary and Credits                                     |

**MATHEMATICS 600**  
**UNIT 11: COURSE REVIEW AND EXAM****Assignment Titles**

- |                    |                           |
|--------------------|---------------------------|
| 1. Course Review 1 | 4. Alternate Exam: Form A |
| 2. Course Review 2 | 5. Alternate Exam: Form B |
| 3. Exam            |                           |

## MATHEMATICS 700

### COURSE OVERVIEW

Mathematics 700 is designed to prepare junior-high students for Pre-algebra. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

By the end of the course, students will be expected to do the following:

- Gain an increased awareness of how math is a life skill.
- Understand how math gives us different ways to model or express the same thing.
- Explore concepts taught in previous math courses, but at higher levels, applying the concepts to real world situations.
- Use proportional reasoning in order to model and solve real world problems.
- Utilize new skills and concepts that will help them in future math courses.

<b>MATHEMATICS 700</b>	
<b>UNIT 1: INTEGERS</b>	
<b>Assignment Titles</b>	
1. Course Overview	18. Alternate Quiz 3: Form A: Multiplying and Dividing Integers
2. Integers on the Number Line	19. Alternate Quiz 3: Form B: Multiplying and Dividing Integers
3. Comparing and Ordering Integers	20. The Real Number System
4. Absolute Value	21. Real Number Properties
5. Quiz 1: Integers	22. The Distributive Property
6. Alternate Quiz 1: Form A: Integers	23. Order of Operations
7. Alternate Quiz 1: Form B: Integers	24. Exponents and the Order of Operations
8. Adding Integers with the Same Sign	25. Quiz 4: The Real Number System
9. Adding Integers with Different Signs	26. Alternate Quiz 4: Form A: The Real Number System
10. Subtracting Integers	27. Alternate Quiz 4: Form B: The Real Number System
11. Quiz 2: Adding and Subtracting Integers	28. Special Project
12. Alternate Quiz 2: Form A: Adding and Subtracting Integers	29. Review
13. Alternate Quiz 2: Form B: Adding and Subtracting Integers	30. Test
14. Multiplying Integers	31. Alternate Test: Form A
15. Dividing Integers	32. Alternate Test: Form B
16. Using Integers	33. Glossary and Credits
17. Quiz 3: Multiplying and Dividing Integers	

**MATHEMATICS 700**  
**UNIT 2: FRACTIONS**

**Assignment Titles**

1. Fractions and Mixed Numbers	14. Comparing and Ordering Fractions
2. Equivalent Fractions	15. Multiplying Fractions
3. Divisibility Rules and Prime Factorization	16. Dividing Fractions
4. Greatest Common Factor and Least Common Multiple	17. Quiz 3: Multiplying and Dividing Fractions
5. Quiz 1: Working with Fractions	18. Alternate Quiz 3: Form A: Multiplying and Dividing Fractions
6. Alternate Quiz 1: Form A: Working with Fractions	19. Alternate Quiz 3: Form B: Multiplying and Dividing Fractions
7. Alternate Quiz 1: Form B: Working with Fractions	20. Project: Chef for a Day
8. Adding and Subtracting Fractions with Like Denominators	21. Special Project
9. Adding and Subtracting Fractions with Unlike Denominators	22. Review
10. Reducing Fractions	23. Test
11. Quiz 2: Adding and Subtracting Fractions	24. Alternate Test: Form A
12. Alternate Quiz 2: Form A: Adding and Subtracting Fractions	25. Alternate Test: Form B
13. Alternate Quiz 2: Form B: Adding and Subtracting Fractions	26. Glossary and Credits

**MATHEMATICS 700**  
**UNIT 3: DECIMALS**

**Assignment Titles**

1. Comparing and Ordering Decimals	11. Scientific Notation
2. Rounding and Estimating Decimals	12. The Metric System
3. Adding and Subtracting Decimals	13. Quiz 2: Applying Decimals
4. Multiplying and Dividing Decimals	14. Alternate Quiz 2: Form A: Applying Decimals
5. Quiz 1: Decimals and Their Operations	15. Alternate Quiz 2: Form B: Applying Decimals
6. Alternate Quiz 1: Form A: Decimals and Their Operations	16. Special Project
7. Alternate Quiz 1: Form B: Decimals and Their Operations	17. Review
8. Terminating and Repeating Decimals	18. Test
9. Fractions as Decimals	19. Alternate Test: Form A
10. Using Decimals	20. Alternate Test: Form B
	21. Glossary and Credits

**MATHEMATICS 700**  
**UNIT 4: PATTERNS AND EQUATIONS**

**Assignment Titles**

1. Working with Variables and Expressions	18. Quiz 3: Solving Equations
2. Translating Word Sentences	19. Alternate Quiz 3: Form A: Solving Equations
3. Evaluating Expressions	20. Alternate Quiz 3: Form B: Solving Equations
4. Using Formulas to Solve Problems	21. Solving Two-Step Equations
5. Quiz 1: Variable Expressions	22. Working with Inequalities
6. Alternate Quiz 1: Form A: Variable Expressions	23. Solving One-Step Inequalities
7. Alternate Quiz 1: Form B: Variable Expressions	24. Quiz 4: Equations and Inequalities
8. Identifying Number Patterns	25. Alternate Quiz 4: Form A: Equations and Inequalities
9. Describing Number Patterns	26. Alternate Quiz 4: Form B: Equations and Inequalities
10. Identifying Functions	27. Special Project
11. Identifying Function Rules	28. Review
12. Quiz 2: Patterns and Functions	29. Test
13. Alternate Quiz 2: Form A: Patterns and Functions	30. Alternate Test: Form A
14. Alternate Quiz 2: Form B: Patterns and Functions	31. Alternate Test: Form B
15. Solving Equations Using Mental Math	32. Glossary and Credits
16. Solving Equations Using Addition and Subtraction	
17. Solving Equations Using Multiplication and Division	

**MATHEMATICS 700**  
**UNIT 5: RATIOS AND PROPORTIONS**

**Assignment Titles**

1. Ratios	15	Percent of a Number
2. Rates	16.	Percent of Change
3. Proportions	17.	Solving Percent Problems Using Proportions
4. Quiz 1: Ratios, Rates, and Proportions	18.	Solving Percent Problems Using Equations
5. Alternate Quiz 1: Form A: Ratios, Rates, and Proportions	19.	Quiz 3: Fractions, Decimals, and Percents
6. Alternate Quiz 1: Form B: Ratios, Rates, and Proportions	20.	Alternate Quiz 3: Form A: Fractions, Decimals, and Percents
7. Converting Customary Units	21.	Alternate Quiz 3: Form B: Fractions, Decimals, and Percents
8. Converting Metric Units	22.	Special Project
9. Similarity	23.	Review
10. Scale Drawings	24.	Test
11. Quiz 2: Using Proportions	25.	Alternate Test: Form A
12. Alternate Quiz 2: Form A: Using Proportions	26.	Alternate Test: Form B
13. Alternate Quiz 2: Form B: Using Proportions	27.	Glossary and Credits
14. Converting Between Fractions, Decimals, and Percents		

**MATHEMATICS 700**  
**UNIT 6: PROBABILITY AND GRAPHING**

**Assignment Titles**

1. Theoretical Probability	11.	Direct Variation
2. Experimental Probability	12.	Quiz 2: Functions
3. Sample Space	13.	Alternate Quiz 2: Form A: Functions
4. Independent and Dependent Events	14.	Alternate Quiz 2: Form B: Functions
5. Quiz 1: Probability	15.	Special Project
6. Alternate Quiz 1: Form A: Probability	16.	Review
7. Alternate Quiz 1: Form B: Probability	17.	Test
8. Graphing Ordered Pairs	18.	Alternate Test: Form A
9. Graphing Linear Equations	19.	Alternate Test: Form B
10. Slope	20.	Glossary and Credits

**MATHEMATICS 700**  
**UNIT 7: DATA ANALYSIS**

**Assignment Titles**

1. Collecting Data	16.	Bar Graphs
2. Determining Mean, Median, and Mode	17.	Circle Graphs
3. Using Mean, Median, and Mode	18.	Scatter Plots
4. Using Range	19.	Quiz 3: Graphing Data and Making Predictions
5. Quiz 1: Describing Data	20.	Alternate Quiz 3: Form A: Graphing Data and Making Predictions
6. Alternate Quiz 1: Form A: Describing Data	21.	Alternate Quiz 3: Form B: Graphing Data and Making Predictions
7. Alternate Quiz 1: Form B: Describing Data	22.	Special Project
8. Box-and-Whisker Plots	23.	Review
9. Stem-and-Leaf Plots	24.	Test
10. Histograms	25.	Alternate Test: Form A
11. Other Graphs	26.	Alternate Test: Form B
12. Quiz 2: Organizing Data	27.	Glossary and Credits
13. Alternate Quiz 2: Form A: Organizing Data		
14. Alternate Quiz 2: Form B: Organizing Data		
15. Line Graphs		

**MATHEMATICS 700**  
**UNIT 8: GEOMETRY**

**Assignment Titles**

1. Introduction to Geometry	15	Symmetry
2. Special Pairs of Angles	16.	Reflections
3. Polygons	17.	Translations
4. Circles	18.	Compound Transformations
5. Quiz 1: Basic Geometry	19.	Quiz 3: Transformations
6. Alternate Quiz 1: Form A: Basic Geometry	20.	Alternate Quiz 3: Form A: Transformations
7. Alternate Quiz 1: Form B: Basic Geometry	21.	Alternate Quiz 3: Form B: Transformations
8. Project: Inscribed Polygons	22.	Special Project
9. Triangles	23.	Review
10. Quadrilaterals	24.	Test
11. Similar Polygons	25.	Alternate Test: Form A
12. Quiz 2: Classifying Polygons	26.	Alternate Test: Form B
13. Alternate Quiz 2: Form A: Classifying Polygons	27.	Glossary and Credits
14. Alternate Quiz 2: Form B: Classifying Polygons		

**MATHEMATICS 700**  
**UNIT 9: MEASUREMENT AND AREA**

**Assignment Titles**

1. Perimeter	15	Squares and Square Roots
2. Circumference	16.	The Pythagorean Theorem
3. Composite Figures	17.	Applying the Pythagorean Theorem
4. Quiz 1: Perimeter	18.	Quiz 3: The Pythagorean Theorem
5. Alternate Quiz 1: Form A: Perimeter	19.	Alternate Quiz 3: Form A: The Pythagorean Theorem
6. Alternate Quiz 1: Form B: Perimeter	20.	Alternate Quiz 3: Form B: The Pythagorean Theorem
7. Area of Parallelograms	21.	Special Project
8. Area of Triangles and Trapezoids	22.	Review
9. Area of Circles	23.	Test
10. Area of Composite Figures	24.	Alternate Test: Form A
11. Dimension Changes	25.	Alternate Test: Form B
12. Quiz 2: Area	26.	Glossary and Credits
13. Alternate Quiz 2: Form A: Area		
14. Alternate Quiz 2: Form B: Area		

**MATHEMATICS 700**  
**UNIT 10: SURFACE AREA AND VOLUME**

**Assignment Titles**

1. Classifying and Identifying Solids	14.	Surface Area of Cylinders
2. Nets	15	Volume of Cylinders
3. Surface Area and Volume	16.	Dimension Changes
4. Quiz 1: Solids	17.	Quiz 3: Cylinders
5. Alternate Quiz 1: Form A: Solids	18.	Alternate Quiz 3: Form A: Cylinders
6. Alternate Quiz 1: Form B: Solids	19.	Alternate Quiz 3: Form B: Cylinders
7. Surface Area of Rectangular Prisms	20.	Special Project
8. Volume of Rectangular Prisms	21.	Review
9. Surface Area of Triangular Prisms	22.	Test
10. Volume of Triangular Prisms	23.	Alternate Test: Form A
11. Quiz 2: Prisms	24.	Alternate Test: Form B
12. Alternate Quiz 2: Form A: Prisms	25.	Glossary and Credits
13. Alternate Quiz 2: Form B: Prisms		

**MATHEMATICS 700**  
**UNIT 11: COURSE REVIEW AND EXAM**

**Assignment Titles**

1. Course Review 1	4.	Alternate Exam: Form A
2. Course Review 2	5.	Alternate Exam: Form B
3. Exam		

## MATHEMATICS 700 CCSS

### COURSE OVERVIEW

Mathematics 700 is designed to prepare junior-high students for Pre-algebra. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

By the end of the course, students will be expected to do the following:

- Gain an increased awareness of how math is a life skill.
- Understand how math gives us different ways to model or express the same thing.
- Explore concepts taught in previous math courses, but at higher levels, applying the concepts to real world situations.
- Use proportional reasoning in order to model and solve real world problems.
- Utilize new skills and concepts that will help them in future math courses.

<b>MATHEMATICS 700 CCSS</b>	
<b>UNIT 1: INTEGERS</b>	
<b>Assignment Titles</b>	
1. Course Overview	19. Alternate Quiz 3—Form A: Multiplying and Dividing Integers
2. Integers on the Number Line	20. Alternate Quiz 3—Form B: Multiplying and Dividing Integers
3. Comparing and Ordering Integers	21. The Real Number System
4. Absolute Value	22. Real Number Properties
5. Quiz 1: Integers	23. The Distributive Property
6. Alternate Quiz 1—Form A: Integers	24. Order of Operations
7. Alternate Quiz 1—Form B: Integers	25. Exponents and the Order of Operations
8. Adding Integers with the Same Sign	26. Performance Task
9. Adding Integers with Different Signs	27. Quiz 4: The Real Number System
10. Subtracting Integers	28. Alternate Quiz 4—Form A: The Real Number System
11. Quiz 2: Adding and Subtracting Integers	29. Alternate Quiz 4—Form B: The Real Number System
12. Alternate Quiz 2—Form A: Adding and Subtracting Integers	30. Special Project
13. Alternate Quiz 2—Form B: Adding and Subtracting Integers	31. Review
14. Multiplying Integers	32. Test
15. Dividing Integers	33. Alternate Test—Form A
16. Using Integers	34. Alternate Test—Form B
17. Performance Task	35. Glossary and Credits
18. Quiz 3: Multiplying and Dividing Integers	



**MATHEMATICS 700 CCSS****UNIT 2: FRACTIONS****Assignment Titles**

- |   |   |
|---|---|
| 1. Fractions and Mixed Numbers                                | 15. Comparing and Ordering Fractions                            |
| 2. Equivalent Fractions                                       | 16. Multiplying Fractions                                       |
| 3. Divisibility Rules and Prime Factorization                 | 17. Dividing Fractions  |
| 4. Greatest Common Factor and Least Common Multiple           | 18. Performance Task  |
| 5. Quiz 1: Working with Fractions                             | 19. Quiz 3: Multiplying and Dividing Fractions                  |
| 6. Alternate Quiz 1—Form A: Working with Fractions            | 20. Alternate Quiz 3—Form A: Multiplying and Dividing Fractions |
| 7. Alternate Quiz 1—Form B: Working with Fractions            | 21. Alternate Quiz 3—Form B: Multiplying and Dividing Fractions |
| 8. Adding and Subtracting Fractions with Like Denominators    | 22. Project: Chef for a Day                                     |
| 9. Adding and Subtracting Fractions with Unlike Denominators  | 23. Special Project   |
| 10. Reducing Fractions  | 24. Review  |
| 11. Performance Task  | 25. Test  |
| 12. Quiz 2: Adding and Subtracting Fractions                  | 26. Alternate Test—Form A                                       |
| 13. Alternate Quiz 2—Form A: Adding and Subtracting Fractions | 27. Alternate Test—Form B                                       |
| 14. Alternate Quiz 2—Form B: Adding and Subtracting Fractions | 28. Glossary and Credits  |

**MATHEMATICS 700 CCSS****UNIT 3: DECIMALS****Assignment Titles**

- |   |   |
|---|---|
| 1. Comparing and Ordering Decimals                        | 11. Scientific Notation                         |
| 2. Rounding and Estimating Decimals                       | 12. The Metric System                           |
| 3. Adding and Subtracting Decimals                        | 13. Quiz 2: Applying Decimals                   |
| 4. Multiplying and Dividing Decimals                      | 14. Alternate Quiz 2: Form A: Applying Decimals |
| 5. Performance Task                                       | 15. Alternate Quiz 2: Form B: Applying Decimals |
| 6. Quiz 1: Decimals and Their Operations                  | 16. Special Project                             |
| 7. Alternate Quiz 1—Form A: Decimals and Their Operations | 17. Review                                      |
| 8. Alternate Quiz 1—Form B: Decimals and Their Operations | 18. Test  |
| 9. Terminating and Repeating Decimals                     | 19. Alternate Test: Form A                      |
| 10. Fractions as Decimals                                 | 20. Alternate Test: Form B                      |
|   | 21. Glossary and Credits                        |

**MATHEMATICS 700 CCSS****UNIT 4: PATTERNS AND EQUATIONS****Assignment Titles**

- |   |   |
|---|---|
| 1. Working with Variables and Expressions               | 20. Quiz 3: Solving Equations                           |
| 2. Adding and Subtracting Algebraic Expressions         | 21. Alternate Quiz 3—Form A: Solving Equations          |
| 3. Expanding and Factoring Variable Expressions         | 22. Alternate Quiz 3—Form B: Solving Equations          |
| 4. Evaluating Expressions                               | 23. Solving Two-Step Equations                          |
| 5. Using Formulas to Solve Problems                     | 24. Working with Inequalities                           |
| 6. Quiz 1: Variable Expressions                         | 25. Solving One-Step Inequalities                       |
| 7. Alternate Quiz 1—Form A: Variable Expressions        | 26. Solving Two-Step Inequalities                       |
| 8. Alternate Quiz 1—Form B: Variable Expressions        | 27. Quiz 4: Equations and Inequalities                  |
| 9. Identifying Number Patterns                          | 28. Alternate Quiz 4—Form A: Equations and Inequalities |
| 10. Describing Number Patterns                          | 29. Alternate Quiz 4—Form B: Equations and Inequalities |
| 11. Identifying Functions                               | 30. Special Project                                     |
| 12. Identifying Function Rules                          | 31. Review  |
| 13. Quiz 2: Patterns and Functions                      | 32. Test  |
| 14. Alternate Quiz 2—Form A: Patterns and Functions     | 33. Alternate Test—Form A                               |
| 15. Alternate Quiz 2—Form B: Patterns and Functions     | 34. Alternate Test—Form B                               |
| 16. Translating Word Sentences                          | 35. Glossary and Credits                                |
| 17. Solving Equations Using Mental Math                 |   |
| 18. Solving Equations Using Addition and Subtraction    |   |
| 19. Solving Equations Using Multiplication and Division |   |

**MATHEMATICS 700 CCSS  
UNIT 5: RATIOS AND PROPORTIONS**

**Assignment Titles**

1. Ratios	15	Percent of a Number
2. Rates	16.	Percent of Change
3. Proportions	17.	Solving Percent Problems Using Proportions
4. Quiz 1: Ratios, Rates, and Proportions	18.	Solving Percent Problems Using Equations
5. Alternate Quiz 1: Form A: Ratios, Rates, and Proportions	19.	Quiz 3: Fractions, Decimals, and Percents
6. Alternate Quiz 1: Form B: Ratios, Rates, and Proportions	20.	Alternate Quiz 3: Form A: Fractions, Decimals, and Percents
7. Converting Customary Units	21.	Alternate Quiz 3: Form B: Fractions, Decimals, and Percents
8. Converting Metric Units	22.	Special Project
9. Similarity	23.	Review
10. Scale Drawings	24.	Test
11. Quiz 2: Using Proportions	25.	Alternate Test: Form A
12. Alternate Quiz 2: Form A: Using Proportions	26.	Alternate Test: Form B
13. Alternate Quiz 2: Form B: Using Proportions	27.	Glossary and Credits
14. Converting Between Fractions, Decimals, and Percents		

**MATHEMATICS 700 CCSS  
UNIT 6: PROBABILITY AND GRAPHING**

**Assignment Titles**

1. Theoretical Probability	11.	Direct Variation
2. Experimental Probability	12.	Quiz 2: Functions
3. Sample Space	13.	Alternate Quiz 2: Form A: Functions
4. Independent and Dependent Events	14.	Alternate Quiz 2: Form B: Functions
5. Quiz 1: Probability	15.	Special Project
6. Alternate Quiz 1: Form A: Probability	16.	Review
7. Alternate Quiz 1: Form B: Probability	17.	Test
8. Graphing Ordered Pairs	18.	Alternate Test: Form A
9. Graphing Linear Equations	19.	Alternate Test: Form B
10. Slope	20.	Glossary and Credits

**MATHEMATICS 700 CCSS  
UNIT 7: DATA ANALYSIS**

**Assignment Titles**

1. Collecting Data	17.	Line Graphs
2. Determining Mean, Median, and Mode	18.	Bar Graphs
3. Using Mean, Median, and Mode	19.	Circle Graphs
4. Using Range	20.	Scatter Plots
5. Mean Absolute Deviation	21.	Quiz 3: Graphing Data and Making Predictions
6. Quiz 1: Describing Data	22.	Alternate Quiz 3: Form A: Graphing Data and Making Predictions
7. Alternate Quiz 1: Form A: Describing Data	23.	Alternate Quiz 3: Form B: Graphing Data and Making Predictions
8. Alternate Quiz 1: Form B: Describing Data	24.	Special Project
9. Dot Plots	25.	Review
10. Box-and-Whisker Plots	26.	Test
11. Stem-and-Leaf Plots	27.	Alternate Test: Form A
12. Histograms	28.	Alternate Test: Form B
13. Other Graphs	29.	Glossary and Credits
14. Quiz 2: Organizing Data		
15. Alternate Quiz 2: Form A: Organizing Data		
16. Alternate Quiz 2: Form B: Organizing Data		

**MATHEMATICS 700 CCSS****UNIT 8: GEOMETRY****Assignment Titles**

1. Introduction to Geometry	15	Alternate Quiz 2: Form B: Classifying Polygons
2. Special Pairs of Angles	16.	Symmetry
3. Polygons	17.	Reflections
4. Circles	18.	Translations
5. Quiz 1: Basic Geometry	19.	Compound Transformations
6. Alternate Quiz 1: Form A: Basic Geometry	20.	Quiz 3: Transformations
7. Alternate Quiz 1: Form B: Basic Geometry	21.	Alternate Quiz 3: Form A: Transformations
8. Project: Inscribed Polygons	22.	Alternate Quiz 3: Form B: Transformations
9. Triangles	23.	Special Project
10. Quadrilaterals	24.	Review
11. Drawing Triangles and Quadrilaterals	25.	Test
12. Similar Polygons	26.	Alternate Test: Form A
13. Quiz 2: Classifying Polygons	27.	Alternate Test: Form B
14. Alternate Quiz 2: Form A: Classifying Polygons	28.	Glossary and Credits

**MATHEMATICS 700 CCSS****UNIT 9: MEASUREMENT AND AREA****Assignment Titles**

1. Perimeter	16.	Squares and Square Roots
2. Circumference	17.	Performance Task
3. Composite Figures	18.	The Pythagorean Theorem
4. Performance Task	19.	Applying the Pythagorean Theorem
5. Quiz 1: Perimeter	20.	Quiz 3: The Pythagorean Theorem
6. Alternate Quiz 1: Form A: Perimeter	21.	Alternate Quiz 3: Form A: The Pythagorean Theorem
7. Alternate Quiz 1: Form B: Perimeter	22.	Alternate Quiz 3: Form B: The Pythagorean Theorem
8. Area of Parallelograms	23.	Special Project
9. Area of Triangles and Trapezoids	24.	Review
10. Area of Circles	25.	Test
11. Area of Composite Figures	26.	Alternate Test: Form A
12. Dimension Changes	27.	Alternate Test: Form B
13. Quiz 2: Area	28.	Glossary and Credits
14. Alternate Quiz 2: Form A: Area		
15. Alternate Quiz 2: Form B: Area		

**MATHEMATICS 700 CCSS****UNIT 10: SURFACE AREA AND VOLUME****Assignment Titles**

1. Classifying and Identifying Solids	15	Surface Area of Cylinders
2. Nets and Cross Sections	16.	Volume of Cylinders
3. Surface Area and Volume	17.	Dimension Changes
4. Quiz 1: Solids	18.	Performance Task
5. Alternate Quiz 1: Form A: Solids	19.	Quiz 3: Cylinders
6. Alternate Quiz 1: Form B: Solids	20.	Alternate Quiz 3: Form A: Cylinders
7. Surface Area of Rectangular Prisms	21.	Alternate Quiz 3: Form B: Cylinders
8. Volume of Rectangular Prisms	22.	Special Project
9. Performance Task	23.	Review
10. Surface Area of Triangular Prisms	24.	Test
11. Volume of Triangular Prisms	25.	Alternate Test: Form A
12. Quiz 2: Prisms	26.	Alternate Test: Form B
13. Alternate Quiz 2: Form A: Prisms	27.	Glossary and Credits
14. Alternate Quiz 2: Form B: Prisms		

**MATHEMATICS 700 CCSS****UNIT 11: END OF COURSE****Assignment Titles**

1. Exam	3.	Alternate Exam—Form B
2. Alternate Exam—Form A		

## PRE-ALGEBRA

### COURSE OVERVIEW

Pre-algebra is an introductory algebra course designed to prepare junior-high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

By the end of the course, students will be expected to do the following:

- Gain an increased awareness of how math is a life skill.
- Understand how math is like a language, with a set of conventions.
- Explore concepts taught in previous math courses at higher levels and in real world applications.
- Practice algebraic thinking in order to model and solve real world problems.
- Utilize new skills and concepts that will help them in future math courses.
- Introduce variable expressions and equations (single and multiple variable).
- Introduce linear functions, relationship between dependent and independent variables and coordinate graphing.

PRE-ALGEBRA	
UNIT 1: THE REAL NUMBER SYSTEM	
Assignment Titles	
1. Course Overview	14. Alternate Quiz 2: Form B: Other Forms
2. Subsets of the Real Number System	15. Square Roots
3. Using Variables	16. Order of Operations
4. The Number Line	17. Quiz 3: Simplifying
5. Comparing Rational Numbers	18. Alternate Quiz 3: Form A: Simplifying
6. Quiz 1: Relationships	19. Alternate Quiz 3: Form B: Simplifying
7. Alternate Quiz 1: Form A: Relationships	20. Special Project
8. Alternate Quiz 1: Form B: Relationships	21. Review
9. Properties of the Real Numbers	22. Test
10. Exponents	23. Alternate Test: Form A
11. Scientific Notation	24. Alternate Test: Form B
12. Quiz 2: Other Forms	25. Glossary and Credits
13. Alternate Quiz 2: Form A: Other Forms	

PRE-ALGEBRA	
UNIT 2: MODELING PROBLEMS IN INTEGERS	
Assignment Titles	
1. Translating Expressions and Equations	16. Evaluating Expressions
2. Solving One-Step Equations	17. Quiz 3: Integers
3. Solving Two-Step Equations	18. Alternate Quiz 3: Form A: Integers
4. Quiz 1: Equations with Real Numbers	19. Alternate Quiz 3: Form B: Integers
5. Alternate Quiz 1: Form A: Equations with Real Numbers	20. Graphing
6. Alternate Quiz 1: Form B: Equations with Real Numbers	21. One-Step Equations
7. Relations and Functions	22. Two-Step Equations
8. Functions	23. Problem Solving
9. Analyzing Graphs	24. Quiz 4: Modeling with Integers
10. Quiz 2: Functions	25. Alternate Quiz 4: Form A: Modeling with Integers
11. Alternate Quiz 2: Form A: Functions	26. Alternate Quiz 4: Form B: Modeling with Integers
12. Alternate Quiz 2: Form B: Functions	27. Special Project
13. Addition of Integers	28. Review
14. Subtraction of Integers	29. Test
15. Multiplying and Dividing Integers	30. Alternate Test: Form A
	31. Alternate Test: Form B
	32. Glossary and Credits

**PRE-ALGEBRA**  
**UNIT 3: MODELING PROBLEMS WITH RATIONAL NUMBERS**

**Assignment Titles**

1. Prime Factorization and the GCF	15	One-Step Addition and Subtraction Equations
2. Simplifying Fractions	16.	One-Step Multiplication and Division Equations
3. The LCM and the LCD	17.	Two-Step Equations
4. Quiz 1: Number Theory	18.	One-Step Inequalities
5. Alternate Quiz 1: Form A: Number Theory	19.	Two-Step Inequalities
6. Alternate Quiz 1: Form B: Number Theory	20.	Quiz 3: Solving Equations and Inequalities
7. Adding and Subtracting Like Fractions	21.	Alternate Quiz 3: Form A: Solving Equations and Inequalities
8. Adding and Subtracting Unlike Fractions	22.	Alternate Quiz 3: Form B: Solving Equations and Inequalities
9. Adding and Subtracting Decimal Numbers	23.	Special Project
10. Multiplying and Dividing Fractions	24.	Review
11. Multiplying and Dividing Decimal Numbers	25.	Test
12. Quiz 2: Solving Problems with Rational Numbers	26.	Alternate Test: Form A
13. Alternate Quiz 2: Form A: Solving Problems with Rational Numbers	27.	Alternate Test: Form B
14. Alternate Quiz 2: Form B: Solving Problems with Rational Numbers	28.	Glossary and Credits

**PRE-ALGEBRA**  
**UNIT 4: PROPORTIONAL REASONING**

**Assignment Titles**

1. Proportions	17.	Indirect Measure
2. Applications	18.	Models and Scales
3. Direct Variation	19.	Quiz 3: Measurement/Similar Figures
4. Quiz 1: Proportions	20.	Alternate Quiz 3: Form A: Measurement/Similar Figures
5. Alternate Quiz 1: Form A: Proportions	21.	Alternate Quiz 3: Form B: Measurement/Similar Figures
6. Alternate Quiz 1: Form B: Proportions	22.	Project: Proportional Reasoning
7. Fraction, Percent and Decimal Equivalents	23.	Alternate Project: Proportional Reasoning
8. Solving Percent Problems	24.	Special Project
9. Applications	25.	Review
10. More Applications	26.	Test
11. Quiz 2: Percents	27.	Alternate Test: Form A
12. Alternate Quiz 2: Form A: Percents	28.	Alternate Test: Form B
13. Alternate Quiz 2: Form B: Percents	29.	Glossary and Credits
14. Unit Conversion within Customary Units		
15. Unit Conversion within Metric Units		
16. Corresponding Parts		

**PRE-ALGEBRA**  
**UNIT 5: MORE WITH FUNCTIONS**

**Assignment Titles**

1. Rewriting Equations	16.	Alternate Quiz 2: Form B: Families of Functions
2. Combine Like Terms	17.	Patterns and Arithmetic Sequences
3. Solving Equations by Combining Like Terms	18.	Geometric Sequences
4. Distributive Property	19.	Exponential Sequences
5. Solving Equations with Distributive Property	20.	Recursive Sequences
6. Quiz 1: Solving Equations	21.	Quiz 3: Patterns
7. Alternate Quiz 1: Form A: Solving Equations	22.	Alternate Quiz 3: Form A: Patterns
8. Alternate Quiz 1: Form B: Solving Equations	23.	Alternate Quiz 3: Form B: Patterns
9. Slope	24.	Special Project
10. Using Intercepts	25.	Review
11. Slope-Intercept Form	26.	Test
12. More Slope-Intercept Form	27.	Alternate Test: Form A
13. Non-Linear Functions	28.	Alternate Test: Form B
14. Quiz 2: Families of Functions	29.	Glossary and Credits
15. Alternate Quiz 2: Form A: Families of Functions		

**PRE-ALGEBRA  
UNIT 6: MEASUREMENT**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Classify and Measure Angles                                | 12. Quiz 2: Polygons                           |
| 2. Perpendicular and Parallel Lines, Part 1                   | 13. Alternate Quiz 2: Form A: Polygons         |
| 3. Perpendicular and Parallel Lines, Part 2                   | 14. Alternate Quiz 2: Form B: Polygons         |
| 4. Circles  | 15. Pythagorean Theorem, Part 1                |
| 5. Quiz 1: Angle Measures and Circles                         | 16. Pythagorean Theorem, Part 2                |
| 6. Alternate Quiz 1: Form A: Angle Measures and Circles       | 17. Quiz 3: Indirect Measure                   |
| 7. Alternate Quiz 1: Form B: Angle Measures and Circles       | 18. Alternate Quiz 3: Form A: Indirect Measure |
| 8. Classifying Polygons                                       | 19. Alternate Quiz 3: Form B: Indirect Measure |
| 9. Interior and Exterior Measures of Polygons                 | 20. Special Project                            |
| 10. Classifying Triangles and the Triangle Inequality Theorem | 21. Review                                     |
| 11. The Quadrilateral Family                                  | 22. Test                                       |
|   | 23. Alternate Test: Form A                     |
|   | 24. Alternate Test: Form B                     |
|   | 25. Glossary and Credits                       |

**PRE-ALGEBRA  
UNIT 7: PLANE GEOMETRY**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Perimeter and Circumference                         | 15. Alternate Quiz 2: Form B: Symmetry and Reflections |
| 2. Area of Parallelograms                              | 16. Translations                                       |
| 3. Area of Triangles and Trapezoids                    | 17. Tessellations                                      |
| 4. Area of Circles                                     | 18. Rotations  |
| 5. Composite Figures                                   | 19. Dilations  |
| 6. Effects of Dimensional Changes                      | 20. Quiz 3: Other Transformations                      |
| 7. Quiz 1: Perimeter and Area                          | 21. Alternate Quiz 3: Form A: Other Transformations    |
| 8. Alternate Quiz 1: Form A: Perimeter and Area        | 22. Alternate Quiz 3: Form B: Other Transformations    |
| 9. Alternate Quiz 1: Form B: Perimeter and Area        | 23. Special Project                                    |
| 10. Symmetry   | 24. Review   |
| 11. Distance and Midpoint                              | 25. Test   |
| 12. Reflections  | 26. Alternate Test: Form A                             |
| 13. Quiz 2: Symmetry and Reflections                   | 27. Alternate Test: Form B                             |
| 14. Alternate Quiz 2: Form A: Symmetry and Reflections | 28. Glossary and Credits                               |

**PRE-ALGEBRA  
UNIT 8: MEASURES OF SOLID FIGURES**

**Assignment Titles**

- |   |                                      |
|---|--------------------------------------|
| 1. Solid Figures                                | 15. Volume of Cones                  |
| 2. Euler's Formula                              | 16. Volume of Spheres                |
| 3. Surface Area of Rectangular Prisms           | 17. Changes to Volume                |
| 4. Surface Area of Triangular Prisms            | 18. Volume of Composite Figures      |
| 5. Surface Area of Cylinders                    | 19. Quiz 2: Volume                   |
| 6. Surface Area of Pyramids, Cones, and Spheres | 20. Alternate Quiz 2: Form A: Volume |
| 7. Surface Area of Composite Figures            | 21. Alternate Quiz 2: Form B: Volume |
| 8. Quiz 1: Surface Area                         | 22. Special Project                  |
| 9. Alternate Quiz 1: Form A: Surface Area       | 23. Review                           |
| 10. Alternate Quiz 1: Form B: Surface Area      | 24. Test                             |
| 11. Volume of Rectangular Prisms                | 25. Alternate Test: Form A           |
| 12. Volume of Triangular Prisms                 | 26. Alternate Test: Form B           |
| 13. Volume of Square Pyramids                   | 27. Glossary and Credits             |
| 14. Volume of Cylinders                         |                                      |

**PRE-ALGEBRA  
UNIT 9: DATA ANALYSIS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Collecting Data  | 12. Scatter Plots                                |
| 2. Measures of Central Tendency and Dispersion                | 13. Misleading Graphs                            |
| 3. Bar Graphs   | 14. Appropriate Displays                         |
| 4. Circle Graphs  | 15. Quiz 2: More Data Displays                   |
| 5. Line Graphs  | 16. Alternate Quiz 2: Form A: More Data Displays |
| 6. Frequency and Histograms                                   | 17. Alternate Quiz 2: Form B: More Data Displays |
| 7. Quiz 1: Collecting and Representing Data                   | 18. Special Project                              |
| 8. Alternate Quiz 1: Form A: Collecting and Representing Data | 19. Review                                       |
| 9. Alternate Quiz 1: Form B: Collecting and Representing Data | 20. Test   |
| 10. Constructing Box-and-Whisker Plots                        | 21. Alternate Test: Form A                       |
| 11. Interpreting Box-and-Whisker Plots                        | 22. Alternate Test: Form B                       |
|   | 23. Glossary and Credits                         |

**PRE-ALGEBRA  
UNIT 10: PROBABILITY**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Tree Diagrams and the Counting Principle | 12. Quiz 2: Probability                   |
| 2. Permutations                             | 13. Alternate Quiz 2: Form A: Probability |
| 3. Combinations                             | 14. Alternate Quiz 2: Form B: Probability |
| 4. Mixed Review of Outcomes                 | 15. Simulate a Problem                    |
| 5. Quiz 1: Outcomes                         | 16. Quest: All That's Fair In...          |
| 6. Alternate Quiz 1: Form A: Outcomes       | 17. Special Project                       |
| 7. Alternate Quiz 1: Form B: Outcomes       | 18. Review                                |
| 8. Probability and Odds                     | 19. Test                                  |
| 9. Experimental vs Theoretical Probability  | 20. Alternate Test: Form A                |
| 10. Disjointed and Overlapping Events       | 21. Alternate Test: Form B                |
| 11. Independent and Dependent Events        | 22. Glossary and Credits                  |

**PRE-ALGEBRA  
UNIT 11: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |              |                           |
|--------------|---------------------------|
| 1. Review I  | 4. Alternate Exam: Form A |
| 2. Review II | 5. Alternate Exam: Form B |
| 3. Exam      |                           |

## MATHEMATICS 800 CCSS

### COURSE OVERVIEW

Math 8 CCSS (Pre-algebra) is an introductory algebra course designed to prepare junior-high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

By the end of the course, students will be expected to do the following:

- Gain an increased awareness of how math is a life skill.
- Understand how math is like a language, with a set of conventions.
- Explore concepts taught in previous math courses at higher levels and in real world applications.
- Practice algebraic thinking in order to model and solve real world problems.
- Utilize new skills and concepts that will help them in future math courses.
- Introduce variable expressions and equations (single and multiple variable).
- Introduce linear functions, relationship between dependent and independent variables and coordinate graphing.

MATHEMATICS 800 CCSS	
UNIT 1: THE REAL NUMBER SYSTEM	
Assignment Titles	
1. Course Overview	16. Alternate Quiz 2-Form A: Other Forms
2. Subsets of the Real Number System	17. Alternate Quiz 2-Form B: Other Forms
3. Using Variables	18. Square Roots
4. The Number Line	19. Order of Operations
5. Comparing Rational Numbers	20. Performance Task
6. Decimal-Fraction Conversions	21. Quiz 3: Simplifying
7. Quiz 1: Relationships	22. Alternate Quiz 3-Form A: Simplifying
8. Alternate Quiz 1-Form A: Relationships	23. Alternate Quiz 3-Form B: Simplifying
9. Alternate Quiz 1-Form B: Relationships	24. Special Project
10. Properties of the Real Numbers	25. Review
11. Exponents	26. Test
12. Performance Task	27. Alternate Test-Form A
13. Scientific Notation	28. Alternate Test-Form B
14. Operations with Scientific Notation	29. Glossary and Credits
15. Quiz 2: Other Forms	

MATHEMATICS 800 CCSS	
UNIT 2: MODELING PROBLEMS IN INTEGERS	
Assignment Titles	
1. Translating Expressions and Equations	18. Evaluating Expressions
2. Solving One-Step Equations	19. Quiz 3: Integers
3. Solving Two-Step Equations	20. Alternate Quiz 3-Form A: Integers
4. Solving Equations with Exponents	21. Alternate Quiz 3-Form B: Integers
5. Quiz 1: Equations with Real Numbers	22. Graphing
6. Alternate Quiz 1-Form A: Equations with Real Numbers	23. One-Step Equations
7. Alternate Quiz 1-Form B: Equations with Real Numbers	24. Two-Step Equations
8. Relations and Functions	25. Problem Solving
9. Functions	26. Performance Task
10. Analyzing Graphs	27. Quiz 4: Modeling with Integers
11. Performance Task	28. Alternate Quiz 4-Form A: Modeling with Integers
12. Quiz 2: Functions	29. Alternate Quiz 4-Form B: Modeling with Integers
13. Alternate Quiz 2-Form A: Functions	30. Special Project
14. Alternate Quiz 2-Form B: Functions	31. Review
15. Addition of Integers	32. Test
16. Subtraction of Integers	33. Alternate Test-Form A
17. Multiplying and Dividing Integers	34. Alternate Test-Form B
	35. Glossary and Credits



**MATHEMATICS 800 CCSS**  
**UNIT 3: MODELING PROBLEMS WITH RATIONAL NUMBERS**

**Assignment Titles**

1. Prime Factorization and the GCF	15	One-Step Addition and Subtraction Equations
2. Simplifying Fractions	16.	One-Step Multiplication and Division Equations
3. The LCM and the LCD	17.	Two-Step Equations
4. Quiz 1: Number Theory	18.	One-Step Inequalities
5. Alternate Quiz 1-Form A: Number Theory	19.	Two-Step Inequalities
6. Alternate Quiz 1-Form B: Number Theory	20.	Performance Task
7. Adding and Subtracting Like Fractions	21.	Quiz 3: Solving Equations and Inequalities
8. Adding and Subtracting Unlike Fractions	22.	Alternate Quiz 3-Form A: Solving Equations and Inequalities
9. Adding and Subtracting Decimal Numbers	23.	Alternate Quiz 3-Form B: Solving Equations and Inequalities
10. Multiplying and Dividing Fractions	24.	Special Project
11. Multiplying and Dividing Decimal Numbers	25.	Review
12. Performance Task	26.	Test
13. Quiz 2: Solving Problems with Rational Numbers	27.	Alternate Test-Form A
14. Alternate Quiz 2-Form A: Solving Problems with Rational Numbers	28.	Alternate Test-Form B
15. Alternate Quiz 2-Form B: Solving Problems with Rational Numbers	29.	Glossary and Credits

**MATHEMATICS 800 CCSS**  
**UNIT 4: PROPORTIONAL REASONING**

**Assignment Titles**

1. Proportions	18.	Indirect Measure
2. Linear Applications	19.	Models and Scales
3. Direct Variation	20.	Performance Task
4. Quiz 1: Proportions	21.	Quiz 3: Measurement/Similar Figures
5. Alternate Quiz 1-Form A: Proportions	22.	Alternate Quiz 3-Form A: Measurement/Similar Figures
6. Alternate Quiz 1-Form B: Proportions	23.	Alternate Quiz 3-Form B: Measurement/Similar Figures
7. Fraction	24.	Project: Proportional Reasoning
8. Solving Percent Problems	25.	Alternate Project: Proportional Reasoning
9. Application of Ratios and Percents	26.	Special Project
10. More Applications with Percents	27.	Review
11. Performance Task	28.	Test
12. Quiz 2: Percents	29.	Alternate Test-Form A
13. Alternate Quiz 2-Form A: Percents	30.	Alternate Test-Form B
14. Alternate Quiz 2-Form B: Percents	31.	Glossary and Credits
15. Unit Conversion within Customary Units		
16. Unit Conversion within Metric Units		
17. Corresponding Parts		

**MATHEMATICS 800 CCSS**  
**UNIT 5: MORE WITH FUNCTIONS**

**Assignment Titles**

1. Rewriting Equations	21.	Graphing Systems of Linear Equations
2. Combine Like Terms	22.	Solving Systems of Linear Equations using Substitution
3. Solving Equations by Combining Like Terms	23.	Solving Systems of Linear Equations using Addition
4. Distributive Property	24.	Quiz 3: System of Equations
5. Solving Equations with Distributive Property	25.	Alternate Quiz 3-Form A: System of Equations
6. Solving Equations with Special Solutions	26.	Alternate Quiz 3-Form B: System of Equations
7. Performance Task	27.	Patterns and Arithmetic Sequences
8. Quiz 1: Solving Equations	28.	Geometric Sequences
9. Alternate Quiz 1-Form A: Solving Equations	29.	Exponential Sequences
10. Alternate Quiz 1-Form B: Solving Equations	30.	Recursive Sequences
11. Slope	31.	Quiz 4: Patterns
12. Using Intercepts	32.	Alternate Quiz 4-Form A: Patterns
13. Slope-Intercept Form	33.	Alternate Quiz 4-Form B: Patterns
14. More Slope-Intercept Form	34.	Special Project
15. Applications of Linear Functions	35.	Review
16. Non-Linear Functions	36.	Test
17. Performance Task	37.	Alternate Test-Form A
18. Quiz 2: Families of Functions	38.	Alternate Test-Form B
19. Alternate Quiz 2-Form A: Families of Functions	39.	Glossary and Credits
20. Alternate Quiz 2-Form B: Families of Functions		

**MATHEMATICS 800 CCSS  
UNIT 6: MEASUREMENT**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Classify and Measure Angles                                | 13. Quiz 2: Polygons                          |
| 2. Perpendicular and Parallel Lines                           | 14. Alternate Quiz 2-Form A: Polygons         |
| 3. Perpendicular and Parallel Lines                           | 15. Alternate Quiz 2-Form B: Polygons         |
| 4. Circles  | 16. Pythagorean Theorem                       |
| 5. Quiz 1: Angle Measures and Circles                         | 17. Pythagorean Theorem                       |
| 6. Alternate Quiz 1-Form A: Angle Measures and Circles        | 18. Performance Task                          |
| 7. Alternate Quiz 1-Form B: Angle Measures and Circles        | 19. Quiz 3: Indirect Measure                  |
| 8. Classifying Polygons                                       | 20. Alternate Quiz 3-Form A: Indirect Measure |
| 9. Interior and Exterior Measures of Polygons                 | 21. Alternate Quiz 3-Form B: Indirect Measure |
| 10. Classifying Triangles and the Triangle Inequality Theorem | 22. Special Project                           |
| 11. Performance Task  | 23. Review                                    |
| 12. The Quadrilateral Family                                  | 24. Test                                      |
|   | 25. Alternate Test-Form A                     |
|   | 26. Alternate Test-Form B                     |
|   | 27. Glossary and Credits                      |

**MATHEMATICS 800 CCSS  
UNIT 7: PLANE GEOMETRY**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Perimeter and Circumference                          | 16. Alternate Quiz 2 - Form B: Symmetry and Reflections |
| 2. Area of Parallelograms                               | 17. Translations  |
| 3. Area of Triangles and Trapezoids                     | 18. Tessellations                                       |
| 4. Area of Circles                                      | 19. Rotations   |
| 5. Composite Figures                                    | 20. Dilations   |
| 6. Effects of Dimensional Changes                       | 21. Angle Reflections                                   |
| 7. Performance Task                                     | 22. Performance Task                                    |
| 8. Quiz 1: Perimeter and Area                           | 23. Quiz 3: Other Transformations                       |
| 9. Alternate Quiz 1 - Form A: Perimeter and Area        | 24. Alternate Quiz 3 - Form A: Other Transformations    |
| 10. Alternate Quiz 1 - Form B: Perimeter and Area       | 25. Alternate Quiz 3 - Form B: Other Transformations    |
| 11. Symmetry  | 26. Special Project                                     |
| 12. Distance and Midpoint                               | 27. Review  |
| 13. Reflections   | 28. Test  |
| 14. Quiz 2: Symmetry and Reflections                    | 29. Alternate Test - Form A                             |
| 15. Alternate Quiz 2 - Form A: Symmetry and Reflections | 30. Alternate Test - Form B                             |
|   | 31. Glossary and Credits                                |

**MATHEMATICS 800 CCSS  
UNIT 8: MEASURES OF SOLID FIGURES**

**Assignment Titles**

- |   |                                     |
|---|-------------------------------------|
| 1. Solid Figures                          | 16. Volume of Cones                 |
| 2. Euler's Formula                        | 17. Volume of Spheres               |
| 3. Surface Area of Rectangular Prisms     | 18. Changes to Volume               |
| 4. Surface Area of Triangular Prisms      | 19. Volume of Composite Figures     |
| 5. Performance Task                       | 20. Performance Task                |
| 6. Surface Area of Cylinders              | 21. Quiz 2: Volume                  |
| 7. Surface Area of Pyramids               | 22. Alternate Quiz 2-Form A: Volume |
| 8. Surface Area of Composite Figures      | 23. Alternate Quiz 2-Form B: Volume |
| 9. Quiz 1: Surface Area                   | 24. Special Project                 |
| 10. Alternate Quiz 1-Form A: Surface Area | 25. Review                          |
| 11. Alternate Quiz 1-Form B: Surface Area | 26. Test                            |
| 12. Volume of Rectangular Prisms          | 27. Alternate Test-Form A           |
| 13. Volume of Triangular Prisms           | 28. Alternate Test-Form B           |
| 14. Volume of Square Pyramids             | 29. Glossary and Credits            |
| 15. Volume of Cylinders                   |                                     |

**MATHEMATICS 800 CCSS  
UNIT 9: DATA ANALYSIS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Collecting Data  | 13. Scatter Plots                               |
| 2. Measures of Central Tendency and Dispersion                | 14. Misleading Graphs                           |
| 3. Bar Graphs   | 15. Appropriate Displays                        |
| 4. Circle Graphs  | 16. Application of Data Analysis                |
| 5. Line Graphs  | 17. Performance Task                            |
| 6. Frequency and Histograms                                   | 18. Quiz 2: More Data Displays                  |
| 7. Performance Task   | 19. Alternate Quiz 2-Form A: More Data Displays |
| 8. Quiz 1: Collecting and Representing Data                   | 20. Alternate Quiz 2-Form B: More Data Displays |
| 9. Alternate Quiz 1-Form A: Collecting and Representing Data  | 21. Special Project                             |
| 10. Alternate Quiz 1-Form B: Collecting and Representing Data | 22. Review                                      |
| 11. Constructing Box-and-Whisker Plots                        | 23. Test  |
| 12. Interpreting Box-and-Whisker Plots                        | 24. Alternate Test-Form A                       |
|   | 25. Alternate Test-Form B                       |
|   | 26. Glossary and Credits                        |

**MATHEMATICS 800 CCSS  
UNIT 10: PROBABILITY**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Tree Diagrams and the Counting Principle | 13. Performance Task                     |
| 2. Permutations                             | 14. Quiz 2: Probability                  |
| 3. Combinations                             | 15. Alternate Quiz 2-Form A: Probability |
| 4. Mixed Review of Outcomes                 | 16. Alternate Quiz 2-Form B: Probability |
| 5. Quiz 1: Outcomes                         | 17. Simulate a Problem                   |
| 6. Alternate Quiz 1-Form A: Outcomes        | 18. Quest: All That's Fair In...         |
| 7. Alternate Quiz 1-Form B: Outcomes        | 19. Special Project                      |
| 8. Probability and Odds                     | 20. Review                               |
| 9. Experimental vs Theoretical Probability  | 21. Test                                 |
| 10. Disjointed and Overlapping Events       | 22. Alternate Test-Form A                |
| 11. Independent and Dependent Events        | 23. Alternate Test-Form B                |
| 12. Performance Task                        | 24. Glossary and Credits                 |

**MATHEMATICS 800 CCSS  
UNIT 11: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |                        |                       |
|------------------------|-----------------------|
| 1. Review 1            | 6. Performance Task 1 |
| 2. Review 2            | 7. Performance Task 2 |
| 3. Final Exam          | 8. Performance Task 3 |
| 4. Final Exam - Form A | 9. Performance Task 4 |
| 5. Final Exam - Form B |                       |

**MATHEMATICS 800 CCSS  
UNIT 12: END OF COURSE**

**Assignment Titles**

- |                          |                          |
|--------------------------|--------------------------|
| 1. Exam                  | 6. Alternate Exam-Form B |
| 2. Alternate Exam-Form A |                          |

## INTEGRATED MATH I

### COURSE OVERVIEW

Integrated Math I is a mathematics course for high school students who have successfully completed either general mathematics for grade 8 or pre-algebra. This course is the first in a four-part, integrated high school mathematics curriculum. The materials in this course integrate the topics of algebra, geometry, probability, and statistics.

Throughout the course, students will practice algebraic thinking and use algebra to model and solve real world problems. Students are exposed to several branches of mathematics and will explore ways in which each one can be used as a mathematical model in understanding the world.

The course seeks to help students expand their knowledge and skills so that they may achieve the following goals:

- Gain an increased awareness of math as a life skill.
- Understand how math is like a language, with a set of conventions.
- Realize that while mathematical models are useful in studying the world, they have limits.

In attaining these goals, students will begin to see the “big picture” of mathematics and understand how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

INTEGRATED MATH I	
UNIT 1: FOUNDATIONS OF ALGEBRA	
Assignment Titles	
1. Course Overview	15. Project: Determining Logical Equivalence
2. Classifying and Comparing Numbers	16. Converse, Inverse and Contrapositive
3. Fractions	17. Quiz 3: Logical Thinking
4. Signed Numbers	18. Open Sentences
5. Exponents and Order of Operations	19. Addition Property of Equality
6. Quiz 1: The Language of Mathematics	20. Multiplication Property of Equality
7. Variables and Expressions	21. Equations with More than One Step
8. Evaluating Expressions	22. Variables on Both Sides
9. Commutative and Associative Properties	23. Quiz 4: Properties of Equality
10. The Distributive Property	24. Special Project
11. Simplifying Expressions	25. Review
12. Quiz 2: Introduction to Algebra	26. Test
13. Drawing Conclusions	27. Alternate Test
14. Truth Values	28. Glossary and Credits

INTEGRATED MATH I	
UNIT 2: THE LANGUAGE OF ALGEBRA	
Assignment Titles	
1. Multiplying with Like Bases	14. Multiplying Radicals
2. A Product to a Power	15. Dividing Radicals
3. Dividing with Like Bases	16. Adding and Subtracting Radicals
4. Scientific Notation	17. Quiz 3: Radical Expressions
5. Quiz 1: Exponential Expressions	18. Simplifying Rational Expressions
6. Adding and Subtracting Polynomials	19. Multiplying and Dividing Rational Expressions
7. Multiplying by a Monomial	20. Adding and Subtracting Rational Expressions
8. Multiplying all Polynomials	21. Quiz 4: Rational Expressions
9. F.O.I.L. and Special Cases	22. Special Project
10. Dividing by a Monomial	23. Review
11. Long Division	24. Test
12. Quiz 2: Operations with Polynomials	25. Alternate Test
13. Simplifying Radicals	26. Glossary and Credits

**INTEGRATED MATH I  
UNIT 3: GEOMETRY**

**Assignment Titles**

1. Angle Relationship Definitions	13. Volume
2. Parallel Lines and Transversals	14. Quiz 3: Polyhedra
3. Interior and Exterior Angles of Polygons	15. Central Angle and Arc Measure
4. Quiz 1: Angle Relationships	16. Area and Sectors
5. Triangle Properties	17. The Cylinder and Sphere
6. Pythagorean Theorem	18. Quiz 4: Circles and Spheres
7. Congruence	19. Special Project
8. Parallelograms	20. Review
9. The Trapezoid	21. Test
10. Quiz 2: Polygons	22. Alternate Test
11. Definitions and Nets	23. Glossary and Credits
12. Surface Area	

**INTEGRATED MATH I  
UNIT 4: COORDINATE GEOMETRY**

**Assignment Titles**

1. The Coordinate Plane	12. Rotations
2. Identifying Functions	13. Quiz 3: Transformations
3. Function Notation	14. Parent Functions
4. Modeling Functions	15. Reflecting a Parent Function
5. Quiz 1: Introduction to Functions	16. Shifting a Parent Function
6. The Distance Formula	17. Quiz 4: Families of Functions
7. The Midpoint Formula	18. Special Project
8. The Circle	19. Review
9. Quiz 2: Geometry Proof	20. Test
10. Symmetry and Reflections	21. Alternate Test
11. Translations and Dilations	22. Glossary and Credits

**INTEGRATED MATH I  
UNIT 5: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

1. Review	3. Alternate Exam: Form A
2. Exam	4. Alternate Exam: Form B

**INTEGRATED MATH I  
UNIT 6: LINEAR EQUATIONS**

**Assignment Titles**

1. Writing Equations from Word Problems	15. Slope
2. Combining Like Terms	16. Quiz 3: Linear Functions
3. The Distributive Property	17. Linear Equations
4. Literal Equations	18. Slope-Intercept Form
5. Quiz 1: Multi-Step Equations	19. Writing Linear Equations (1)
6. Two Unknowns	20. Writing Linear Equations (2)
7. More than Two Unknowns	21. Writing Linear Equations (3)
8. Using a Chart	22. Quiz 4: Writing Linear Function Rules
9. Percent Problems	23. Special Project
10. Mixture and Interest Problems	24. Review
11. Quiz 2: Modeling with Linear Equations	25. Test
12. Writing a Function Rule	26. Alternate Test
13. Arithmetic Sequences	27. Glossary and Credits
14. Direct Variation	

**INTEGRATED MATH I**  
**UNIT 7: EQUATIONS AND INEQUALITIES**

**Assignment Titles**

- |                                 |   |
|---------------------------------|---|
| 1. The Greatest Common Factor   | 15. Ratio Problems                        |
| 2. Factoring Out the GCF        | 16. Quiz 3: Rational Equations            |
| 3. Factoring Trinomials         | 17. Graphing One-Variable Inequalities    |
| 4. Special Cases                | 18. Addition Property of Inequality       |
| 5. Factoring by Grouping        | 19. Multiplication Property of Inequality |
| 6. Perfect Cubes                | 20. Multi-Step Inequalities               |
| 7. Quiz 1: Factoring            | 21. Maximum and Minimum                   |
| 8. Recognizing a Quadratic      | 22. Quiz 4: Inequalities                  |
| 9. The Zero Product Property    | 23. Special Project                       |
| 10. The Square Root Method      | 24. Review                                |
| 11. Quiz 2: Quadratic Equations | 25. Test                                  |
| 12. Proportions                 | 26. Alternate Test                        |
| 13. Using the LCD               | 27. Glossary and Credits                  |
| 14. Rate and Mixture Problems   |   |

**INTEGRATED MATH I**  
**UNIT 8: LINEAR SYSTEMS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Compound Inequality Graphs                     | 12. Fractional Coefficients                      |
| 2. Solving Compound Inequalities                  | 13. Quiz 3: Solving Linear Systems Algebraically |
| 3. Inequalities in Two Variables                  | 14. Using Two Variables                          |
| 4. Quiz 1: Compound and Two Variable Inequalities | 15. Money and Unit Pricing                       |
| 5. Solution of a System                           | 16. Using Formulas                               |
| 6. Graphing Systems of Equations                  | 17. Quiz 4: Modeling with Linear Systems         |
| 7. Systems of Inequalities                        | 18. Special Project                              |
| 8. Quiz 2: Solving Linear Systems by Graphing     | 19. Review                                       |
| 9. The Substitution Method                        | 20. Test   |
| 10. The Elimination Method                        | 21. Alternate Test                               |
| 11. Matrices                                      | 22. Glossary and Credits                         |

**INTEGRATED MATH I**  
**UNIT 9: PROBABILITY AND STATISTICS**

**Assignment Titles**

- |                                 |  |
|---------------------------------|--|
| 1. Measures of Central Tendency | 12. Project: Experimental Versus Theoretical Probability |
| 2. Dispersion                   | 13. Compound Events                                      |
| 3. Project: Graphing Data       | 14. Project: Probability                                 |
| 4. Interpreting Data            | 15. Quiz 3: Probability                                  |
| 5. Project: Data Analysis       | 16. Special Project                                      |
| 6. Quiz 1: Statistical Analysis | 17. Review   |
| 7. Outcomes                     | 18. Test   |
| 8. Permutations                 | 19. Alternate Test                                       |
| 9. Combinations                 | 20. Glossary and Credits                                 |
| 10. Quiz 2: Outcomes            |  |
| 11. Probability                 |  |

**INTEGRATED MATH I**  
**UNIT 10: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                           |
|-----------|---------------------------|
| 1. Review | 3. Alternate Exam: Form A |
| 2. Exam   | 4. Alternate Exam: Form B |

**INTEGRATED MATH I**  
**UNIT 11: FINAL EXAM**

**Assignment Titles**

- |                           |                           |
|---------------------------|---------------------------|
| 1. Exam                   | 3. Alternate Exam: Form B |
| 2. Alternate Exam: Form A |                           |

## ALGEBRA I

### COURSE OVERVIEW

Algebra I is a full year, high school credit course that is intended for the student who has successfully mastered the core algebraic concepts covered in the prerequisite course, Pre-Algebra. Within the Algebra I course, the student will explore basic algebraic fundamentals such as evaluating, creating, solving and graphing linear, quadratic, and polynomial functions.

Upon successfully completing the course, the student should have mastered the following concepts:

- Solve single variable, absolute value, and linear systems of equations.
- Solve and graph single variable, absolute value, and linear inequalities.
- Evaluate, solve, and graph linear and quadratic functions as well as conceptualize the relationship between the independent and dependent variable of a function.
- Understand and know how to apply the distance, midpoint, and slope formulas as well as the Pythagorean theorem.
- Form an equation of a line using the slope-intercept, point-slope and standard forms of a line.
- Organize data in the form of a table or matrix; perform complex matrix operations such as multiplication, evaluating the determinant, and solving a system of linear equations using Cramer's Rule.
- Apply basic fundamental rules of exponents.
- Be able to construct a formula or equation necessary to solve algebraic word problems involving area, perimeter, and linear systems of equations, basic probability and statistical reasoning, distance, and compounding interest.
- Evaluate rational expressions and solve equations with rational expressions.
- Simplify and perform operations with radical expressions and polynomials.

ALGEBRA I	
UNIT 1: FOUNDATIONS OF ALGEBRA	
Assignment Titles	
1. Course Overview	12. Quiz 2: The Real Numbers
2. Variables and Expressions	13. Commutative and Associative Properties
3. Exponents and Order of Operations	14. Distributive Property
4. Evaluating Expressions	15. Simplifying Expressions
5. Quiz 1: The Language of Algebra	16. Quiz 3: Properties of the Real Numbers
6. Classifying and Comparing Numbers	17. Special Project
7. Decimal-Fraction Conversions	18. Review
8. Fractions	19. Test
9. Adding and Subtracting Signed Numbers	20. Alternate Test
10. Multiplying and Dividing Signed Numbers	21. Glossary and Credits
11. Absolute Value	

ALGEBRA I	
UNIT 2: LINEAR EQUATIONS	
Assignment Titles	
1. Open Sentences	13. More than Two Unknowns
2. Addition Property of Equality	14. Using a Chart
3. Multiplication Property of Equality	15. Quiz 3: Word Problems
4. Two-Step Equations	16. Percent Problems
5. Quiz 1: Solving Equations	17. Mixture and Interest Problems
6. Variables on Both Sides	18. Quiz 4: Mixture and Investment Problems
7. Combining Like Terms	19. Special Project
8. The Distributive Property	20. Review
9. Literal Equations	21. Test
10. Quiz 2: Multi-Step Equations	22. Alternate Test
11. Writing Equations from Word Problems	23. Glossary and Credits
12. Two Unknowns	

**ALGEBRA I**  
**UNIT 3: FUNCTIONS**

**Assignment Titles**

- |                            |                                       |
|----------------------------|---------------------------------------|
| 1. The Coordinate Plane    | 13. Absolute Value Functions          |
| 2. Identifying Functions   | 14. Quiz 3: Graphing Linear Functions |
| 3. Function Notation       | 15. Writing Linear Equations (1)      |
| 4. Modeling Functions      | 16. Writing Linear Equations (2)      |
| 5. Quiz 1: Function Basics | 17. Writing Linear Equations (3)      |
| 6. Writing a Function Rule | 18. Quiz 4: Writing Linear Equations  |
| 7. Arithmetic Sequences    | 19. Special Project                   |
| 8. Direct Variation        | 20. Review                            |
| 9. Slope                   | 21. Test                              |
| 10. Quiz 2: Patterns       | 22. Alternate Test                    |
| 11. Linear Equations       | 23. Glossary and Credits              |
| 12. Slope-Intercept Form   |                                       |

**ALGEBRA I**  
**UNIT 4: INEQUALITIES**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Graphing                              | 11. Absolute Value Solution Sets                   |
| 2. Addition Property of Inequality       | 12. Absolute Value Inequalities with One Variable  |
| 3. Multiplication Property of Inequality | 13. Absolute Value Inequalities with Two Variables |
| 4. Multi-Step Inequalities               | 14. Quiz 3: Absolute Value                         |
| 5. Problem Solving                       | 15. Special Project                                |
| 6. Quiz 1: Solving Inequalities          | 16. Review   |
| 7. Compound Inequality Graphs            | 17. Test   |
| 8. Solving Compound Inequalities         | 18. Alternate Test                                 |
| 9. Inequalities with Two Variables       | 19. Glossary and Credits                           |
| 10. Quiz 2: Compound Inequalities        |  |

**ALGEBRA I**  
**UNIT 5: LINEAR SYSTEMS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Solution of a System                         | 11. Money and Unit Pricing                              |
| 2. Graphing Systems of Equations                | 12. Using Formulas                                      |
| 3. Systems of Inequalities                      | 13. Quiz 3: Representing Problems Using a Linear System |
| 4. Quiz 1: Solving Linear Systems by Graphing   | 14. Special Project                                     |
| 5. Substitution Method                          | 15. Review  |
| 6. Addition Method                              | 16. Test  |
| 7. Matrices                                     | 17. Alternate Test                                      |
| 8. Fractional Coefficients                      | 18. Glossary and Credits                                |
| 9. Quiz 2: Solving Linear Systems Algebraically |   |
| 10. Using Two Variables                         |   |

**ALGEBRA I**  
**UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |



**ALGEBRA I**  
**UNIT 7: POLYNOMIALS**

**Assignment Titles**

- |   |                                   |
|---|-----------------------------------|
| 1. Adding and Subtracting Polynomials           | 12. Factoring by Grouping         |
| 2. Grouping Symbols                             | 13. Factoring Trinomials (1)      |
| 3. Quiz 1: Adding and Subtracting Polynomials   | 14. Factoring Trinomials (2)      |
| 4. Multiplying by a Monomial                    | 15. Special Cases                 |
| 5. Multiplying Polynomials                      | 16. Complete Factorization        |
| 6. F.O.I.L. and Special Cases                   | 17. Quiz 3: Factoring Polynomials |
| 7. Dividing by a Monomial                       | 18. Special Project               |
| 8. Long Division                                | 19. Review                        |
| 9. Quiz 2: Multiplying and Dividing Polynomials | 20. Test                          |
| 10. Greatest Common Factor                      | 21. Alternate Test                |
| 11. Factoring Out the GCF                       | 22. Glossary and Credits          |

**ALGEBRA I**  
**UNIT 8: EXPONENTIAL AND RADICAL FUNCTIONS**

**Assignment Titles**

- |   |                                     |
|---|-------------------------------------|
| 1. Negative Exponents                         | 11. Multiplying Radicals            |
| 2. Exponential Expressions                    | 12. Dividing Radicals               |
| 3. Scientific Notation                        | 13. Adding and Subtracting Radicals |
| 4. Quiz 1: Evaluating Exponential Expressions | 14. Radical Equations               |
| 5. Multiplication                             | 15. Quiz 3: Radical Functions       |
| 6. Raising to a Power                         | 16. Special Project                 |
| 7. Division                                   | 17. Review                          |
| 8. Geometric Sequences                        | 18. Test                            |
| 9. Quiz 2: Properties of Exponents            | 19. Alternate Test                  |
| 10. Simplifying Radicals                      | 20. Glossary and Credits            |

**ALGEBRA I**  
**UNIT 9: QUADRATICS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Pythagorean Theorem                  | 12. Applications of Quadratics          |
| 2. Distance                             | 13. Completing the Square               |
| 3. Midpoint                             | 14. Completing the Square               |
| 4. Quiz 1: Formulas                     | 15. Quadratic Formula (1)               |
| 5. Quadratic Functions                  | 16. Quadratic Formula (2)               |
| 6. Transformations                      | 17. Quiz 3: Solving Quadratic Equations |
| 7. Line of Symmetry                     | 18. Special Project                     |
| 8. Quadratic Inequalities               | 19. Review                              |
| 9. Quiz 2: Graphing Quadratic Functions | 20. Test                                |
| 10. Solving by Factoring                | 21. Alternate Test                      |
| 11. Square Root Method                  | 22. Glossary and Credits                |

**ALGEBRA I**  
**UNIT 10: RATIONAL EXPRESSIONS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Simplifying Rational Expressions                | 10. Applications of Rational Equations          |
| 2. Multiplying and Dividing Rational Expressions   | 11. More Problems                               |
| 3. Adding and Subtracting with Like Denominators   | 12. Quiz 2: Rational Equations and Inequalities |
| 4. Adding and Subtracting with Unlike Denominators | 13. Special Project                             |
| 5. Quiz 1: Operations with Rational Expressions    | 14. Review                                      |
| 6. Proportions                                     | 15. Test  |
| 7. Using the LCD                                   | 16. Alternate Test                              |
| 8. Complex Fractions                               | 17. Glossary and Credits                        |
| 9. Inequalities                                    |   |

**ALGEBRA I**  
**UNIT 11: PROBABILITY AND STATISTICS****Assignment Titles**

- |   |                          |
|---|--------------------------|
| 1. Measures of Central Tendency         | 10. Probability          |
| 2. Dispersion                           | 11. Compound Events      |
| 3. Interpreting Data                    | 12. Project: Probability |
| 4. Project: Data Analysis               | 13. Quiz 3: Probability  |
| 5. Quiz 1: Measures of Central Tendency | 14. Special Project      |
| 6. Sampling and Outcomes                | 15. Review               |
| 7. Permutations                         | 16. Test                 |
| 8. Combinations                         | 17. Alternate Test       |
| 9. Quiz 2: Outcomes                     | 18. Glossary and Credits |

**ALGEBRA I**  
**UNIT 12: SEMESTER REVIEW AND EXAM****Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**ALGEBRA I**  
**UNIT 13: FINAL EXAM****Assignment Titles**

- |                            |                            |
|----------------------------|----------------------------|
| 1. Exam                    | 3. Alternate Exam - Form B |
| 2. Alternate Exam - Form A |                            |

**ALGEBRA I - CCSS****COURSE OVERVIEW**

Algebra I – CCSS is a full year, high school credit course that is intended for the student who has successfully mastered the core algebraic concepts covered in the prerequisite course, Pre-Algebra. Within the Algebra I course, the student will explore basic algebraic fundamentals such as evaluating, creating, solving and graphing linear, quadratic, and polynomial functions.

Upon successfully completing the course, the student should have mastered the following concepts:

- Solve and graph single variable, absolute value, and linear equations and inequalities.
- Solve linear, quadratic and exponential systems of equations using graphing, substitution or elimination.
- Evaluate and solve quadratic equations and inequalities using graphing, factoring, quadratic formula, and completing the square.
- Interpret and apply the relationship between the independent and dependent variable in a linear, exponential, and quadratic function through algebraic modeling and applications.
- Understand and know how to apply the distance, midpoint, and slope formulas as well as the Pythagorean Theorem.
- Form an equation of a line using the slope-intercept, point-slope and standard forms of a line.
- Apply basic fundamental rules of exponents.
- Be able to construct a formula or equation necessary to solve algebraic word problems involving area, perimeter, and linear systems of equations, basic probability and statistical reasoning, distance, and compounding interest.
- Evaluate rational expressions and solve equations with rational expressions.
- Simplify and perform operations with radical expressions such as addition and subtraction, multiplication and division.
- Perform operations with polynomials such as addition and subtraction, multiplication, long division and factoring.
- Interpret and analyze measures of central tendency, sample data and outcome, probability and frequency tables.

<b>ALGEBRA I CCSS</b>	
<b>UNIT 1: FOUNDATIONS OF ALGEBRA</b>	
<b>Assignment Titles</b>	
1. Course Overview	13. Commutative and Associative Properties
2. Variables and Expressions	14. Distributive Property
3. Exponents and Order of Operations	15. Simplifying Expressions
4. Evaluating Expressions	16. Quiz 3: Properties of the Real Numbers
5. Quiz 1: The Language of Algebra	17. Performance Task
6. Classifying and Comparing Numbers	18. Alternate Performance Task
7. Decimal-Fraction Conversions	19. Special Project
8. Fractions	20. Review
9. Adding and Subtracting Signed Numbers	21. Test
10. Multiplying and Dividing Signed Numbers	22. Alternate Test
11. Absolute Value	23. Glossary and Credits
12. Quiz 2: The Real Numbers	

**ALGEBRA I CCSS  
UNIT 2: LINEAR EQUATIONS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Open Sentences                        | 14. Using a Chart                           |
| 2. Addition Property of Equality         | 15. Quiz 3: Word Problems                   |
| 3. Multiplication Property of Equality   | 16. Percent Problems                        |
| 4. Two-Step Equations                    | 17. Mixture and Interest Problems           |
| 5. Quiz 1: Solving Equations             | 18. Quiz 4: Mixture and Investment Problems |
| 6. Variables on Both Sides               | 19. Performance Task                        |
| 7. Combining Like Terms                  | 20. Alternate Performance Task              |
| 8. The Distributive Property             | 21. Special Project                         |
| 9. Literal Equations                     | 22. Review                                  |
| 10. Quiz 2: Multi-Step Equations         | 23. Test                                    |
| 11. Writing Equations from Word Problems | 24. Alternate Test                          |
| 12. Two Unknowns                         | 25. Glossary and Credits                    |
| 13. More than Two Unknowns               |   |

**ALGEBRA I CCSS  
UNIT 3: FUNCTIONS**

**Assignment Titles**

- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| 1. The Coordinate Plane               | 16. Writing Linear Equations (1)     |
| 2. Identifying Functions              | 17. Writing Linear Equations (2)     |
| 3. Function Notation                  | 18. Writing Linear Equations (3)     |
| 4. Modeling Functions                 | 19. Inverse Functions                |
| 5. Quiz 1: Function Basics            | 20. Scatter Plots                    |
| 6. Writing a Function Rule            | 21. Quiz 4: Writing Linear Equations |
| 7. Arithmetic Sequences               | 22. Performance Task                 |
| 8. Direct Variation                   | 23. Alternate Performance Task       |
| 9. Slope                              | 24. Special Project                  |
| 10. Quiz 2: Patterns                  | 25. Review                           |
| 11. Linear Equations                  | 26. Test                             |
| 12. Slope-Intercept Form              | 27. Alternate Test                   |
| 13. Absolute Value Functions          | 28. Glossary and Credits             |
| 14. Piecewise Defined Functions       |                                      |
| 15. Quiz 3: Graphing Linear Functions |                                      |

**ALGEBRA I CCSS  
UNIT 4: INEQUALITIES**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Graphing                              | 12. Absolute Value Inequalities with One Variable  |
| 2. Addition Property of Inequality       | 13. Absolute Value Inequalities with Two Variables |
| 3. Multiplication Property of Inequality | 14. Quiz 3: Absolute Value                         |
| 4. Multi-Step Inequalities               | 15. Performance Task                               |
| 5. Problem Solving                       | 16. Alternate Performance Task                     |
| 6. Quiz 1: Solving Inequalities          | 17. Special Project                                |
| 7. Compound Inequality Graphs            | 18. Review   |
| 8. Solving Compound Inequalities         | 19. Test   |
| 9. Inequalities with Two Variables       | 20. Alternate Test                                 |
| 10. Quiz 2: Compound Inequalities        | 21. Glossary and Credits                           |
| 11. Absolute Value Solution Sets         |  |

**ALGEBRA I CCSS  
UNIT 5: LINEAR SYSTEMS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Solution of a System                         | 12. Using Formulas                                      |
| 2. Graphing Systems of Equations                | 13. Quiz 3: Representing Problems Using a Linear System |
| 3. Systems of Inequalities                      | 14. Performance Task                                    |
| 4. Quiz 1: Solving Linear Systems by Graphing   | 15. Alternate Performance Task                          |
| 5. Substitution Method                          | 16. Special Project                                     |
| 6. Addition Method                              | 17. Review  |
| 7. Matrices                                     | 18. Test  |
| 8. Fractional Coefficients                      | 19. Alternate Test                                      |
| 9. Quiz 2: Solving Linear Systems Algebraically | 20. Glossary and Credits                                |
| 10. Using Two Variables                         |   |
| 11. Money and Unit Pricing                      |   |

**ALGEBRA I CCSS  
UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**ALGEBRA I CCSS  
UNIT 7: POLYNOMIALS**

**Assignment Titles**

- |   |                                   |
|---|-----------------------------------|
| 1. Adding and Subtracting Polynomials           | 13. Factoring Trinomials (1)      |
| 2. Grouping Symbols                             | 14. Factoring Trinomials (2)      |
| 3. Quiz 1: Adding and Subtracting Polynomials   | 15. Special Cases                 |
| 4. Multiplying by a Monomial                    | 16. Complete Factorization        |
| 5. Multiplying Polynomials                      | 17. Quiz 3: Factoring Polynomials |
| 6. F.O.I.L. and Special Cases                   | 18. Performance Task              |
| 7. Dividing by a Monomial                       | 19. Alternate Performance Task    |
| 8. Long Division                                | 20. Special Project               |
| 9. Quiz 2: Multiplying and Dividing Polynomials | 21. Review                        |
| 10. Greatest Common Factor                      | 22. Test                          |
| 11. Factoring Out the GCF                       | 23. Alternate Test                |
| 12. Factoring by Grouping                       | 24. Glossary and Credits          |

**ALGEBRA I CCSS  
UNIT 8: EXPONENTIAL AND RADICAL FUNCTIONS**

**Assignment Titles**

- |   |                                     |
|---|-------------------------------------|
| 1. Negative Exponents                         | 13. Dividing Radicals               |
| 2. Exponential Expressions                    | 14. Adding and Subtracting Radicals |
| 3. Exponential Functions                      | 15. Radical Equations               |
| 4. Scientific Notation                        | 16. Graphing Radical Functions      |
| 5. Quiz 1: Evaluating Exponential Expressions | 17. Quiz 3: Radical Functions       |
| 6. Multiplication                             | 18. Performance Task                |
| 7. Raising to a Power                         | 19. Alternate Performance Task      |
| 8. Division                                   | 20. Special Project                 |
| 9. Geometric Sequences                        | 21. Review                          |
| 10. Quiz 2: Properties of Exponents           | 22. Test                            |
| 11. Simplifying Radicals                      | 23. Alternate Test                  |
| 12. Multiplying Radicals                      | 24. Glossary and Credits            |

**ALGEBRA I CCSS  
UNIT 9: QUADRATICS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Pythagorean Theorem                         | 15. Applications of Quadratics          |
| 2. Distance                                    | 16. Rate of Change                      |
| 3. Systems of Equations                        | 17. Completing the Square               |
| 4. Systems of Linear and Exponential Equations | 18. Completing the Square               |
| 5. Midpoint                                    | 19. Quadratic Formula (1)               |
| 6. Quiz 1: Formulas                            | 20. Quadratic Formula (2)               |
| 7. Quadratic Functions                         | 21. Quiz 3: Solving Quadratic Equations |
| 8. Transformations                             | 22. Performance Task                    |
| 9. Transformations (2)                         | 23. Alternate Performance Task          |
| 10. Line of Symmetry                           | 24. Special Project                     |
| 11. Quadratic Inequalities                     | 25. Review                              |
| 12. Quiz 2: Graphing Quadratic Functions       | 26. Test                                |
| 13. Solving by Factoring                       | 27. Alternate Test                      |
| 14. Square Root Method                         | 28. Glossary and Credits                |

**ALGEBRA I CCSS  
UNIT 10: RATIONAL EXPRESSIONS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Simplifying Rational Expressions                | 11. More Problems                               |
| 2. Multiplying and Dividing Rational Expressions   | 12. Quiz 2: Rational Equations and Inequalities |
| 3. Adding and Subtracting with Like Denominators   | 13. Performance Task                            |
| 4. Adding and Subtracting with Unlike Denominators | 14. Alternate Performance Task                  |
| 5. Quiz 1: Operations with Rational Expressions    | 15. Special Project                             |
| 6. Proportions                                     | 16. Review                                      |
| 7. Using the LCD                                   | 17. Test  |
| 8. Complex Fractions                               | 18. Alternate Test                              |
| 9. Inequalities                                    | 19. Glossary and Credits                        |
| 10. Applications of Rational Equations             |   |

**ALGEBRA I CCSS  
UNIT 11: PROBABILITY AND STATISTICS**

**Assignment Titles**

- |   |                                |
|---|--------------------------------|
| 1. Measures of Central Tendency         | 12. Two-Way Frequency Tables   |
| 2. Dispersion                           | 13. Project: Probability       |
| 3. Interpreting Data                    | 14. Quiz 3: Probability        |
| 4. Project: Data Analysis               | 15. Performance Task           |
| 5. Quiz 1: Measures of Central Tendency | 16. Alternate Performance Task |
| 6. Sampling and Outcomes                | 17. Special Project            |
| 7. Permutations                         | 18. Review                     |
| 8. Combinations                         | 19. Test                       |
| 9. Quiz 2: Outcomes                     | 20. Alternate Test             |
| 10. Probability                         | 21. Glossary and Credits       |
| 11. Compound Events                     |                                |

**ALGEBRA I CCSS  
UNIT 12: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**ALGEBRA I CCSS  
UNIT 13: FINAL EXAM**

**Assignment Titles**

- |                            |                       |
|----------------------------|-----------------------|
| 1. Exam                    | 4. Performance Task 1 |
| 2. Alternate Exam - Form A | 5. Performance Task 2 |
| 3. Alternate Exam - Form B |                       |

**ALGEBRA I CCSS  
UNIT 14: CCSS END-OF-COURSE EXAM**

**Assignment Titles**

- |                            |                            |
|----------------------------|----------------------------|
| 1. Exam                    | 3. Alternate Exam - Form B |
| 2. Alternate Exam - Form A |                            |

## GEOMETRY

### COURSE OVERVIEW

Geometry is a full year, high school math course for the student who has successfully completed the prerequisite course, Algebra I. The course focuses on the skills and methods of linear, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

By the end of the course, students will be expected to do the following:

- Understand defined terms, axioms, postulates, and theories.
- Apply rules of formal logic and construct proofs in two-column format.
- Know how to solve for angles given parallels, perpendiculars, and transversals.
- Demonstrate how to solve for sides and angles of triangles, quadrilaterals, and polygons.
- Understand trigonometric ratios and know how to use them to solve for unknown sides and angles in given triangles as well as application word problems.
- Be able to determine arcs, chords, and sectors of circles.
- Calculate perimeter, area, and volume of figures and solids.
- Graph lines and determine slopes, midpoints, and distances.
- Make geometric constructions on paper.
- Represent results of motion geometry (translation, rotation, reflection, dilation).

GEOMETRY	
UNIT 1: INTRODUCTION	
Assignment Titles	
1. Course Overview	11. Geometric Postulates
2. Mathematic System: Set Theory Review	12. Review of Algebraic Postulates
3. Mathematic System: Operations with Sets	13. Geometric Theorems
4. Quiz 1: Set Theory	14. Review of Properties of Algebra
5. Geometry Undefined Terms: Point	15. Quiz 4: Postulates and Theorems
6. Geometry Undefined Terms: Line	16. Special Project
7. Geometry Undefined Terms: Plane	17. Test
8. Quiz 2: Undefined Terms	18. Alternate Test
9. Defined Terms: Definitions	19. Glossary and Credits
10. Quiz 3: Defined Terms	

GEOMETRY	
UNIT 2: LOGIC	
Assignment Titles	
1. Logic	12. Proof Formats: Statement of the Theorem
2. Conjunctions	13. Proof Formats: The Figure
3. Disjunctions	14. Proof Formats: The Given Statement
4. Negation	15. Proof Formats: To Prove Statement
5. Conditional or Implication Statements	16. Proof Formats: The Plan of the Proof
6. Converse, Inverse, Contrapositive	17. Indirect Proof Format: The Paragraph Proof
7. Quiz 1: Principles of Logic	18. Quiz 3: Proof Formats
8. Inductive Reasoning	19. Special Project
9. Deductive Reasoning	20. Test
10. Using Deductive Reasoning	21. Alternate Test
11. Quiz 2: Inductive and Deductive Reasoning	22. Glossary and Credits

**GEOMETRY**  
**UNIT 3: ANGLES AND PARALLELS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Angle Definitions                                  | 14. More Proofs for Postulates 9 and 10               |
| 2. Angle Measurement                                  | 15. Quiz 3: Parallels and Transversals                |
| 3. Quiz 1: Angles                                     | 16. Construction: Perpendiculars                      |
| 4. Angle Relationship Definitions                     | 17. Construction: Tangents to Circles                 |
| 5. Angle Relationship Theorems (1)                    | 18. Construction: Parallels                           |
| 6. Angle Relationship Theorems (2)                    | 19. Classifying Triangles by Sides and Angles         |
| 7. Quiz 2: Angle Theorems                             | 20. Exterior and Remote Interior Angles of a Triangle |
| 8. Construction: Copying Figures                      | 21. Proofs Involving Triangles                        |
| 9. Construction: Bisecting Figures                    | 22. Other Polygons                                    |
| 10. Basic Properties of Parallels                     | 23. Quiz 4: Triangles, Polygons, and Angle Properties |
| 11. Transversals and Special Angles                   | 24. Special Project                                   |
| 12. More Proofs: Transversals and Special Angles      | 25. Test  |
| 13. Continued Proofs: Transversals and Special Angles | 26. Alternate Test                                    |
|   | 27. Glossary and Credits                              |

**GEOMETRY**  
**UNIT 4: CONGRUENT TRIANGLES AND QUADRILATERALS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Defining Congruent Triangles               | 16. Inequality Theorem in One Triangle Part 2    |
| 2. Proving Triangles Congruent (1)            | 17. Inequality Theorem in Two Triangles          |
| 3. Proving Triangles Congruent (2)            | 18. Quadrilateral Parallelograms Theorems Part 1 |
| 4. Proving Right Triangles Congruent          | 19. Quadrilateral Parallelograms Theorems Part 2 |
| 5. Quiz 1: Congruent Triangles                | 20. Quiz 3: Inequalities; Quadrilaterals         |
| 6. Independent Triangles (1)                  | 21. Triangles that Use Parallelograms in Proofs  |
| 7. Independent Triangles (2)                  | 22. Parallelograms: Rectangles                   |
| 8. Overlapping Triangles (1)                  | 23. Parallelograms: Rhombus                      |
| 9. Overlapping Triangles (2)                  | 24. Trapezoids-Definitions and Proofs            |
| 10. Isosceles Triangles (1)                   | 25. Quiz 4: Parallelograms; Trapezoids           |
| 11. Isosceles Triangles (2)                   | 26. Special Project                              |
| 12. Construction of Triangles 30-60-90        | 27. Test   |
| 13. Construction of Triangles 45-45-90        | 28. Alternate Test                               |
| 14. Quiz 2: Types of Triangles                | 29. Glossary and Credits                         |
| 15. Inequality Theorem in One Triangle Part 1 |  |

**GEOMETRY**  
**UNIT 5: SIMILAR POLYGONS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Algebra and Ratios                          | 15. Using Triangles: Rectangular Solids             |
| 2. Algebra Properties and Proportions          | 16. Using Triangles: Regular Square Pyramid         |
| 3. Properties of Proportions                   | 17. Trigonometry-Sine Ratio                         |
| 4. Quiz 1: Ratios, Properties, and Proportions | 18. Trigonometry-Cosine Ratio                       |
| 5. Meaning of Similarity                       | 19. Trigonometry-Tangent Ratio                      |
| 6. Meaning of Similarity-Theorems              | 20. Using Similar Triangles in Indirect Measurement |
| 7. Meaning of Similarity-Proofs                | 21. Using Trigonometry in Indirect Measure          |
| 8. Theorems-Similar Polygons                   | 22. Quiz 3: Triangles and Trigonometry              |
| 9. Theorems-Special Segments in Triangles      | 23. Project: Model and Scale Drawing                |
| 10. Similar Right Triangles                    | 24. Special Project                                 |
| 11. The Pythagorean Theorem                    | 25. Test  |
| 12. Theorem about 30-60-90 Right Triangles     | 26. Alternate Test                                  |
| 13. Theorem about 45-45-90 Right Triangles     | 27. Glossary and Credits                            |
| 14. Quiz 2: Similarity; Triangle Theorems      |   |

**GEOMETRY**  
**UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |



**GEOMETRY**  
**UNIT 7: CIRCLES**

**Assignment Titles**

- |                                       |   |
|---------------------------------------|---|
| 1. Characteristics of Circles         | 11. Special Angles Type 2               |
| 2. Characteristics of Spheres         | 12. Special Angles Type 3               |
| 3. Quiz 1: Circles and Spheres        | 13. Special Segments                    |
| 4. Tangents                           | 14. Quiz 3: Special Angles and Segments |
| 5. Arcs                               | 15. Construction: Circles               |
| 6. Chords                             | 16. Special Project                     |
| 7. Theorems (1)                       | 17. Test                                |
| 8. Theorems (2)                       | 18. Alternate Test                      |
| 9. Quiz 2: Tangents, Arcs, and Chords | 19. Glossary and Credits                |
| 10. Special Angles Type 1             |   |

**GEOMETRY**  
**UNIT 8: AREA AND VOLUME**

**Assignment Titles**

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| 1. Area Concepts of Polygons       | 15. Solids: Prisms                   |
| 2. Area of Rectangles              | 16. Solids: Pyramids                 |
| 3. Area of Parallelograms          | 17. Solids: Cylinders                |
| 4. Area of Triangles and Rhombuses | 18. Solids: Cones                    |
| 5. Area of Trapezoids              | 19. Solids: Spheres                  |
| 6. Area of Regular Polygons        | 20. Quiz 3: Volume of Solids         |
| 7. Area Comparisons of Polygons    | 21. Construction: Dividing a Segment |
| 8. Quiz 1: Area of Polygons        | 22. Construction: 4th Proportion     |
| 9. Construction: Polygons          | 23. Construction: The Geometric Mean |
| 10. Circles: Circumference and PI  | 24. Special Project                  |
| 11. Circles: Area of Circles       | 25. Test                             |
| 12. Circles: Area of Sectors       | 26. Alternate Test                   |
| 13. Circles: Area of Segments      | 27. Glossary and Credits             |
| 14. Quiz 2: Area of Circles        |                                      |

**GEOMETRY**  
**UNIT 9: COORDINATE GEOMETRY**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Symmetry                                    | 11. Equations of Lines                  |
| 2. Ordered Pairs: Points in a Plane            | 12. Quiz 3: Slope and Lines             |
| 3. Graphs of Algebraic Sentences               | 13. Figures in the Coordinate Plane     |
| 4. Quiz 1: Symmetry, Ordered Pairs, and Graphs | 14. Proofs with Coordinate Geometry (1) |
| 5. Distance Formula                            | 15. Proofs with Coordinate Geometry (2) |
| 6. Equation of a Circle                        | 16. Quiz 4: Figures and Proofs          |
| 7. Midpoint Formula                            | 17. Special Project                     |
| 8. Quiz 2: Distance Formula and Applications   | 18. Test                                |
| 9. Slope                                       | 19. Alternate Test                      |
| 10. Parallel and Perpendicular Lines           | 20. Glossary and Credits                |

**GEOMETRY**  
**UNIT 10: TRANSFORMATIONS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Introduction: Rigid Motion, or Isometry | 8. Inverse and Identity Transformation |
| 2. Isometry: Reflection                    | 9. Quiz 2: Transformations             |
| 3. Isometry: Translation                   | 10. Special Project                    |
| 4. Isometry: Rotation                      | 11. Test                               |
| 5. Quiz 1: Isometry                        | 12. Alternate Test                     |
| 6. Dilation: Congruence and Similarity     | 13. Glossary and Credits               |
| 7. Product Transformation                  |  |

**GEOMETRY  
UNIT 11: REVIEW****Assignment Titles**

- |   |                                  |
|---|----------------------------------|
| 1. Geometry as a System                   | 9. Area and Volume               |
| 2. Geometry Proofs                        | 10. Coordinate Geometry          |
| 3. Angle Relationships and Parallels      | 11. Quiz 3: Review: Units 7,8,10 |
| 4. Quiz 1: Review: Units 1-3              | 12. Special Project              |
| 5. Congruent Triangles and Quadrilaterals | 13. Test                         |
| 6. Similar Polygons                       | 14. Alternate Test               |
| 7. Circles                                | 15. Glossary and Credits         |
| 8. Quiz 2: Review: Units 4,5,7            |                                  |

**GEOMETRY  
UNIT 12: SEMESTER REVIEW AND EXAM****Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**GEOMETRY  
UNIT 13: FINAL EXAM****Assignment Titles**

- |                            |                            |
|----------------------------|----------------------------|
| 1. Exam                    | 3. Alternate Exam - Form B |
| 2. Alternate Exam - Form A |                            |

## GEOMETRY - CCSS

### COURSE OVERVIEW

Geometry–CCSS is a full year, high school math course for the student who has successfully completed the prerequisite course, Algebra I. The course focuses on the skills and methods of linear, quadratic, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

By the end of the course, students will be expected to do the following:

- Understand defined terms, axioms, postulates, and theories.
- Apply rules of formal logic and construct proofs in two-column format.
- Know how to solve for angles given parallels, perpendiculars, and transversals.
- Demonstrate how to solve for sides and angles of triangles, quadrilaterals, and polygons.
- Understand trigonometric ratios and know how to use them to solve for unknown sides and angles in given triangles as well as application word problems.
- Be able to determine arcs, chords, and sectors of circles.
- Calculate perimeter, area, and volume of figures and solids.
- Graph lines and determine slopes, midpoints, and distances.
- Interpret and construct the graphs and equations of quadratic functions.
- Make geometric constructions on paper.
- Represent results of motion geometry (translation, rotation, reflection, dilation).
- Calculate simple probabilities using addition, multiplication, permutations, combinations, and frequency tables.

GEOMETRY CCSS	
UNIT 1: INTRODUCTION	
Assignment Titles	
1. Course Overview	12. Review of Algebraic Postulates
2. Mathematic System: Set Theory Review	13. Geometric Theorems
3. Mathematic System: Operations with Sets	14. Review of Properties of Algebra
4. Quiz 1: Set Theory	15. Quiz 4: Postulates and Theorems
5. Geometry Undefined Terms: Point	16. Performance Task
6. Geometry Undefined Terms: Line	17. Alternate Performance Task
7. Geometry Undefined Terms: Plane	18. Special Project
8. Quiz 2: Undefined Terms	19. Test
9. Defined Terms: Definitions	20. Alternate Test
10. Quiz 3: Defined Terms	21. Glossary and Credits
11. Geometric Postulates	

GEOMETRY CCSS	
UNIT 2: LOGIC	
Assignment Titles	
1. Logic	13. Proof Formats: The Figure
2. Conjunctions	14. Proof Formats: The Given Statement
3. Disjunctions	15. Proof Formats: To Prove Statement
4. Negation	16. Proof Formats: The Plan of the Proof
5. Conditional or Implication Statements	17. Indirect Proof Format: The Paragraph Proof
6. Converse, Inverse, Contrapositive	18. Quiz 3: Proof Formats
7. Quiz 1: Principles of Logic	19. Performance Task
8. Inductive Reasoning	20. Alternate Performance Task
9. Deductive Reasoning	21. Special Project
10. Using Deductive Reasoning	22. Test
11. Quiz 2: Inductive and Deductive Reasoning	23. Alternate Test
12. Proof Formats: Statement of the Theorem	24. Glossary and Credits

**GEOMETRY CCSS  
UNIT 3: ANGLES AND PARALLELS**

**Assignment Titles**

1. Angle Definitions	15. Quiz 3: Parallels and Transversals
2. Angle Measurement	16. Construction: Perpendiculars
3. Quiz 1: Angles	17. Construction: Tangents to Circles
4. Angle Relationship Definitions	18. Construction: Parallels
5. Angle Relationship Theorems (1)	19. Classifying Triangles by Sides and Angles
6. Angle Relationship Theorems (2)	20. Exterior and Remote Interior Angles of a Triangle
7. Quiz 2: Angle Theorems	21. Proofs Involving Triangles
8. Construction: Copying Figures	22. Other Polygons
9. Construction: Bisecting Figures	23. Quiz 4: Triangles, Polygons, and Angle Properties
10. Basic Properties of Parallels	24. Performance Task
11. Transversals and Special Angles	25. Alternate Performance Task
12. More Proofs: Transversals and Special Angles	26. Special Project
13. Continued Proofs: Transversals and Special Angles	27. Test
14. More Proofs for Postulates 9 and 10	28. Alternate Test
	29. Glossary and Credits

**GEOMETRY CCSS  
UNIT 4: CONGRUENT TRIANGLES AND QUADRILATERALS**

**Proving Triangles Congruent (2)**

1. Defining Congruent Triangles	16. Inequality Theorem in One Triangle Part 2
2. Proving Triangles Congruent (1)	17. Inequality Theorem in Two Triangles
3. Proving Triangles Congruent (2)	18. Quadrilateral Parallelograms Theorems Part 1
4. Proving Triangles Congruent (3)	19. Quadrilateral Parallelograms Theorems Part 2
5. Proving Right Triangles Congruent	20. Quiz 3: Inequalities; Quadrilaterals
6. Quiz 1: Congruent Triangles	21. Triangles that Use Parallelograms in Proofs
7. Independent Triangles (1)	22. Parallelograms: Rectangles
8. Independent Triangles (2)	23. Parallelograms: Rhombus
9. Overlapping Triangles (1)	24. Trapezoids-Definitions and Proofs
10. Overlapping Triangles (2)	25. Quiz 4: Parallelograms; Trapezoids
11. Isosceles Triangles (1)	26. Performance Task
12. Isosceles Triangles (2)	27. Alternate Performance Task
13. Construction of Triangles 30-60-90	28. Special Project
14. Construction of Triangles 45-45-90	29. Test
15. Quiz 2: Types of Triangles	Alternate Test
16. Inequality Theorem in One Triangle Part 1	Glossary and Credits

**GEOMETRY CCSS  
UNIT 5: SIMILAR POLYGONS**

**Assignment Titles**

1. Algebra and Ratios	16. Using Triangles: Regular Square Pyramid
2. Algebra Properties and Proportions	17. Trigonometry-Sine Ratio
3. Properties of Proportions	18. Trigonometry-Cosine Ratio
4. Quiz 1: Ratios, Properties, and Proportions	19. Trigonometry-Tangent Ratio
5. Meaning of Similarity	20. Using Similar Triangles in Indirect Measurement
6. Meaning of Similarity-Theorems	21. Using Trigonometry in Indirect Measure
7. Meaning of Similarity-Proofs	22. Quiz 3: Triangles and Trigonometry
8. Theorems-Similar Polygons	23. Project: Model and Scale Drawing
9. Theorems-Special Segments in Triangles	24. Performance Task
10. Similar Right Triangles	25. Alternate Performance Task
11. The Pythagorean Theorem	26. Special Project
12. Theorem about 30-60-90 Right Triangles	27. Test
13. Theorem about 45-45-90 Right Triangles	28. Alternate Test
14. Quiz 2: Similarity; Triangle Theorems	29. Glossary and Credits
15. Using Triangles: Rectangular Solids	

**GEOMETRY CCSS  
UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

1. Review	3. Alternate Exam - Form A
2. Exam	4. Alternate Exam - Form B

**GEOMETRY CCSS  
UNIT 7: CIRCLES**

**Assignment Titles**

- |                                       |   |
|---------------------------------------|---|
| 1. Characteristics of Circles         | 12. Special Angles Type 3               |
| 2. Characteristics of Spheres         | 13. Special Segments                    |
| 3. Quiz 1: Circles and Spheres        | 14. Quiz 3: Special Angles and Segments |
| 4. Tangents                           | 15. Construction: Circles               |
| 5. Arcs                               | 16. Performance Task                    |
| 6. Chords                             | 17. Alternate Performance Task          |
| 7. Theorems (1)                       | 18. Special Project                     |
| 8. Theorems (2)                       | 19. Test                                |
| 9. Quiz 2: Tangents, Arcs, and Chords | 20. Alternate Test                      |
| 10. Special Angles Type 1             | 21. Glossary and Credits                |
| 11. Special Angles Type 2             |   |

**GEOMETRY CCSS  
UNIT 8: AREA AND VOLUME**

**Assignment Titles**

- |                                    |                                       |
|------------------------------------|---------------------------------------|
| 1. Area Concepts of Polygons       | 16. Solids: Pyramids                  |
| 2. Area of Rectangles              | 17. Solids: Cylinders                 |
| 3. Area of Parallelograms          | 18. Solids: Cones                     |
| 4. Area of Triangles and Rhombuses | 19. Solids: Spheres                   |
| 5. Area of Trapezoids              | 20. Quiz 3: Volume of Solids          |
| 6. Area of Regular Polygons        | 21. Two- and Three-Dimensional Shapes |
| 7. Area Comparisons of Polygons    | 22. Construction: Dividing a Segment  |
| 8. Quiz 1: Area of Polygons        | 23. Construction: 4th Proportion      |
| 9. Construction: Polygons          | 24. Construction: The Geometric Mean  |
| 10. Circles: Circumference and PI  | 25. Performance Task                  |
| 11. Circles: Area of Circles       | 26. Alternate Performance Task        |
| 12. Circles: Area of Sectors       | 27. Special Project                   |
| 13. Circles: Area of Segments      | 28. Test                              |
| 14. Quiz 2: Area of Circles        | 29. Alternate Test                    |
| 15. Solids: Prisms                 | 30. Glossary and Credits              |

**GEOMETRY CCSS  
UNIT 9: COORDINATE GEOMETRY**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Symmetry                                    | 13. Quiz 3: Slope and Lines             |
| 2. Ordered Pairs: Points in a Plane            | 14. Figures in the Coordinate Plane     |
| 3. Graphs of Algebraic Sentences               | 15. Proofs with Coordinate Geometry (1) |
| 4. Quiz 1: Symmetry, Ordered Pairs, and Graphs | 16. Proofs with Coordinate Geometry (2) |
| 5. Distance Formula                            | 17. Quiz 4: Figures and Proofs          |
| 6. Perimeter and Area                          | 18. Performance Task                    |
| 7. Equation of a Circle                        | 19. Alternate Performance Task          |
| 8. Midpoint Formula                            | 20. Special Project                     |
| 9. Quiz 2: Distance Formula and Applications   | 21. Test                                |
| 10. Slope                                      | 22. Alternate Test                      |
| 11. Parallel and Perpendicular Lines           | 23. Glossary and Credits                |
| 12. Equations of Lines                         |   |

**GEOMETRY CCSS  
UNIT 10: TRANSFORMATIONS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Introduction: Rigid Motion, or Isometry | 9. Inverse and Identity Transformation |
| 2. Isometry: Reflection                    | 10. Quiz 2: Transformations            |
| 3. Isometry: Translation                   | 11. Performance Task                   |
| 4. Isometry: Rotation                      | 12. Alternate Performance Task         |
| 5. Quiz 1: Isometry                        | 13. Special Project                    |
| 6. Transformation Sequences                | 14. Test                               |
| 7. Similarity Transformation: Dilation     | 15. Alternate Test                     |
| 8. Product Transformation                  | 16. Glossary and Credits               |

**GEOMETRY CCSS  
UNIT 11: GEOMETRIC APPLICATION**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. Using SOH CAH TOA in Trigonometry             | 9. Modeling with Geometric Figures |
| 2. Finding the Values of Trigonometric Functions | 10. Density                        |
| 3. Law of Sines                                  | 11. Geometry in Design             |
| 4. Quiz 1: Sines                                 | 12. Quiz 3: Modeling Geometry      |
| 5. Ambiguity and Area of a Triangle              | 13. Special Project                |
| 6. Law of Cosines: Finding a Side                | 14. Test                           |
| 7. Law of Cosines: Finding an Angle              | 15. Alternate Test                 |
| 8. Quiz 2: Cosines                               | 16. Glossary and Credits           |

**GEOMETRY CCSS  
UNIT 12: PROBABILITY**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Definitions, Sample Spaces, and Probability | 10. Conditional Probability                          |
| 2. Addition of Probabilities                   | 11. Conditional Probability in Real-World Situations |
| 3. Multiplication of Probabilities             | 12. Two-Way Frequency Tables                         |
| 4. Quiz 1: Using Probability                   | 13. Using Probability in Decision Making             |
| 5. Definitions                                 | 14. Quiz 3: Conditional Probability                  |
| 6. Permutations of N Things: Different         | 15. Special Project                                  |
| 7. Permutations of N things: Not All Different | 16. Test   |
| 8. Combinations                                | 17. Alternate Test                                   |
| 9. Quiz 2: Probability                         | 18. Glossary and Credits                             |

**GEOMETRY CCSS  
UNIT 13: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**GEOMETRY CCSS  
UNIT 14: FINAL EXAM**

**Assignment Titles**

- |                            |                       |
|----------------------------|-----------------------|
| 1. Final Exam              | 4. Performance Task 1 |
| 2. Alternate Exam – Form A | 5. Performance Task 2 |
| 3. Alternate Exam – Form B |                       |

**GEOMETRY CCSS  
UNIT 15: CCSS END-OF-COURSE EXAM**

**Assignment Titles**

- |                            |                            |
|----------------------------|----------------------------|
| 1. Exam                    | 3. Alternate Exam - Form B |
| 2. Alternate Exam - Form A |                            |

## ALGEBRA II

### COURSE OVERVIEW

Algebra II is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. This course focuses on algebraic techniques and methods in order to develop student understanding of advanced number theory, concepts involving linear, quadratic and polynomial functions, and pre-calculus theories. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to basic trigonometric identities and problem solving.

By the end of the course, students will be expected to do the following:

- Understand set notation and the structure of mathematical systems.
- Know how to use functional notation and operations on functions.
- Simplify and solve algebraic fractions.
- Perform operations on polynomials, including factoring, long division, and synthetic division.
- Solve algebraic word problems involving mixtures, money, integers, and work.
- Evaluate and solve radical expressions and equations.
- Solve systems of equations with graphing, substitution, and matrices.
- Graph and solve quadratic equations, including conic sections.
- Graph and solve exponential and logarithmic equations.
- Calculate permutations, combinations, and complex probabilities.

ALGEBRA II	
UNIT 1: SET, STRUCTURE, AND FUNCTION	
Assignment Titles	
1. Course Overview	13. Algebraic Expressions: Exponents Part 2
2. Properties of Sets	14. Algebraic Expressions: Multiplication and Division Part 1
3. Operations of Sets	15. Algebraic Expressions: Multiplication and Division Part 2
4. Quiz 1: Set, Structure, and Function	16. Exponents of Exponential Expressions
5. Structure: Axioms	17. Algebraic Expressions: Combining Terms
6. Structure: Applications	18. Quiz 3: Set, Structure, and Function
7. Relations and Functions: Definitions	19. Special Project
8. Relations and Functions: Graphs	20. Test
9. Relations and Functions: Function Notation	21. Alternate Test
10. Relations and Functions: Inverses	22. Glossary and Credits
11. Quiz 2: Set, Structure, and Function	
12. Algebraic Expressions: Exponents Part 1	

ALGEBRA II	
UNIT 2: NUMBERS, SENTENCES, AND PROBLEMS	
Assignment Titles	
1. Number Order and Absolute Value	11. Compound Sentences
2. Sums and Products	12. Quiz 2: Numbers, Sentences, and Problems
3. Quiz 1: Numbers, Sentences, and Problems	13. Number Problems
4. Solving Equations	14. Motion Problems
5. Multiplication Property	15. Miscellaneous Problems
6. Multi-step Equations	16. Quiz 3: Numbers, Sentences, and Problems
7. Equations with Parentheses	17. Special Project
8. Literal Expressions	18. Test
9. Solving Inequalities	19. Alternate Test
10. Graphing Solution Sets for Inequalities	20. Glossary and Credits

**ALGEBRA II**  
**UNIT 3: LINEAR EQUATIONS AND INEQUALITIES**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Line Graphs                         | 12. Solutions by Addition                     |
| 2. Line Graphs by Two Points           | 13. Solutions by Substitution                 |
| 3. Slope of Lines Part 1               | 14. Application of Systems of Equations       |
| 4. Slope of Lines Part 2               | 15. Quiz 2: Linear Equations and Inequalities |
| 5. Equations: Point Slope Part 1       | 16. Solving Inequalities                      |
| 6. Equations: Point Slope Part 2       | 17. Solving Two-order Inequalities            |
| 7. Equations: Point Slope Part 3       | 18. Quiz 3: Linear Equations and Inequalities |
| 8. Equations: Slope-Intercept          | 19. Special Project                           |
| 9. General Equation of a Line          | 20. Test                                      |
| 10. Quiz 1: Linear Equations           | 21. Alternate Test                            |
| 11. Solutions for Systems of Equations | 22. Glossary and Credits                      |

**ALGEBRA II**  
**UNIT 4: POLYNOMIALS**

**Assignment Titles**

- |   |                                    |
|---|------------------------------------|
| 1. Products and Factoring                 | 12. Quiz 2: Polynomials            |
| 2. Multiplying Polynomials by Polynomials | 13. Direct Variation               |
| 3. Using Special Products Part 1          | 14. Inverse Variation              |
| 4. Using Special Products Part 2          | 15. Joint and Combined Variation   |
| 5. Factoring Trinomials                   | 16. Quiz 3: Polynomials            |
| 6. Factoring Special Products Part 1      | 17. Project: Creating an Algorithm |
| 7. Factoring Special Products Part 2      | 18. Special Project                |
| 8. Quiz 1: Polynomials                    | 19. Test                           |
| 9. Addition and Subtraction Operations    | 20. Alternate Test                 |
| 10. Division with Polynomials             | 21. Glossary and Credits           |
| 11. Synthetic Division                    |                                    |

**ALGEBRA II**  
**UNIT 5: ALGEBRAIC FRACTIONS**

**Assignment Titles**

- |   |                                 |
|---|---------------------------------|
| 1. Multiplying and Dividing with Fractions    | 12. Proportions                 |
| 2. Reducing Rational Expressions              | 13. Quiz 3: Algebraic Fractions |
| 3. Multiplying Algebraic Fractions            | 14. Applications of Fractions   |
| 4. Dividing Algebraic Fractions               | 15. Mixture Problems            |
| 5. Quiz 1: Algebraic Fractions                | 16. Work Problems               |
| 6. Adding and Subtracting Algebraic Fractions | 17. Quiz 4: Algebraic Fractions |
| 7. Addition and Subtraction                   | 18. Special Project             |
| 8. Mixed Expressions and Complex Fractions    | 19. Test                        |
| 9. Quiz 2: Algebraic Fractions                | 20. Alternate Test              |
| 10. Equations with Fractions                  | 21. Glossary and Credits        |
| 11. Fractional Equations                      |                                 |

**ALGEBRA II**  
**UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |



**ALGEBRA II**  
**UNIT 7: REAL NUMBERS**

**Assignment Titles**

- |                                  |   |
|----------------------------------|---|
| 1. Real Numbers                  | 11. Word Problems Involving Quadratic Equations |
| 2. Law of Radicals               | 12. Sum and Product of Roots                    |
| 3. Conjugates                    | 13. The Discriminant                            |
| 4. Radical Equations             | 14. Imaginary Numbers                           |
| 5. Quiz 1: Real Numbers          | 15. Quiz 3: Real Numbers                        |
| 6. Quadratic Equations           | 16. Special Project                             |
| 7. Factoring Quadratic Equations | 17. Test  |
| 8. Completing the Square         | 18. Alternate Test                              |
| 9. Quiz 2: Real Numbers          | 19. Glossary and Credits                        |
| 10. Quadratic Formula            |   |

**ALGEBRA II**  
**UNIT 8: QUADRATIC RELATIONS AND SYSTEMS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Distance Formula                    | 12. Systems of Equations                   |
| 2. Circle                              | 13. Solutions of Inequalities              |
| 3. Ellipse                             | 14. Applications of Conic Sections: Part 1 |
| 4. Ellipse Continued                   | 15. Applications of Conic Sections: Part 2 |
| 5. Quiz 1: Real Numbers                | 16. Applications of Conic Sections: Part 3 |
| 6. Conic Sections: Parabola            | 17. Constant of Proportionality            |
| 7. Conic Sections: Parabola Continued  | 18. Quiz 3: Real Numbers                   |
| 8. Conic Sections: Hyperbola           | 19. Special Project                        |
| 9. Conic Sections: Hyperbola Continued | 20. Test                                   |
| 10. Identifying Conic Sections         | 21. Alternate Test                         |
| 11. Quiz 2: Real Numbers               | 22. Glossary and Credits                   |

**ALGEBRA II**  
**UNIT 9: EXPONENTIAL FUNCTIONS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Exponential Functions   | 13. Graphs of Logarithmic Functions         |
| 2. Fractional Exponents  | 14. Solving Logarithmic Equations           |
| 3. Exponential Equations   | 15. Logarithmic Applications                |
| 4. Graphing Exponential Functions  | 16. Quiz 2: Exponential Functions           |
| 5. Exponential Applications  | 17. Matrices                                |
| 6. Quiz 1: Exponential Functions   | 18. System Solutions with Matrices          |
| 7. Logarithmic Functions   | 19. Addition and Multiplication of Matrices |
| 8. Evaluation of Logarithms  | 20. Quiz 3: Exponential Functions           |
| 9. Evaluating Exponential Functions, Common Logarithms, and Natural Logarithms | 21. Special Project                         |
| 10. General Properties of Logarithms   | 22. Test                                    |
| 11. Scientific Notation  | 23. Alternate Test                          |
| 12. Calculation of Common Logarithms   | 24. Glossary and Credits                    |

**ALGEBRA II**  
**UNIT 10: COUNTING PRINCIPLES**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Progressions: Sequences              | 11. Quiz 3: Counting Principles           |
| 2. Progressions: Series                 | 12. Probability: Concepts                 |
| 3. Quiz 1: Counting Principles          | 13. Probability: Equally Likely Outcomes  |
| 4. Permutations: Factorials             | 14. Probability: Multiplication Principle |
| 5. Permutation Formula                  | 15. Conditional Probability               |
| 6. Permutations: Applications           | 16. Quiz 4: Counting Principles           |
| 7. Quiz 2: Counting Principles          | 17. Special Project                       |
| 8. Combination Formula                  | 18. Test                                  |
| 9. Combinations: Applications           | 19. Alternate Test                        |
| 10. Combinations: Binomial Coefficients | 20. Glossary and Credits                  |

**ALGEBRA II  
UNIT 11: REVIEW****Assignment Titles**

- |                                |                                     |
|--------------------------------|-------------------------------------|
| 1. Integers                    | 14. Real Numbers Continued          |
| 2. Integers Continued          | 15. Quiz 2: Review                  |
| 3. Open Sentences              | 16. Quadratic Relations and Systems |
| 4. Open Sentences Continued    | 17. Quadratics Continued            |
| 5. Graphs                      | 18. Exponential Functions           |
| 6. Graphs Continued            | 19. Exponential Functions Continued |
| 7. Quiz 1: Review              | 20. Counting Principles             |
| 8. Polynomials                 | 21. Counting Principles Continued   |
| 9. Polynomials Continued       | 22. Quiz 3: Review                  |
| 10. Algebraic Fractions Part 1 | 23. Special Project                 |
| 11. Algebraic Fractions Part 2 | 24. Test                            |
| 12. Algebraic Fractions Part 3 | 25. Alternate Test                  |
| 13. Real Numbers               | 26. Glossary and Credits            |

**ALGEBRA II  
UNIT 12: SEMESTER REVIEW AND EXAM****Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**ALGEBRA II  
UNIT 13: FINAL EXAM****Assignment Titles**

- |                            |                            |
|----------------------------|----------------------------|
| 1. Exam                    | 3. Alternate Exam - Form B |
| 2. Alternate Exam - Form A |                            |

**ALGEBRA II - CCSS****COURSE OVERVIEW**

Algebra II – CCSS is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. This course focuses on algebraic techniques and methods in order to develop student understanding of advanced number theory, concepts involving linear, quadratic and polynomial functions, and pre-calculus theories. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to basic trigonometric identities and problem solving.

By the end of the course, students will be expected to do the following:

- Understand set notation and the structure of mathematical systems.
- Calculate and perform operations with real and imaginary numbers.
- Know how to use functional notation and operations on functions.
- Simplify and solve algebraic fractions.
- Perform operations on polynomials, including factoring, long division, and synthetic division.
- Solve algebraic word problems involving mixtures, money, integers, and work.
- Evaluate and solve radical expressions and equations.
- Solve systems of equations with graphing, substitution, and matrices.
- Graph and solve quadratic equations, including conic sections.
- Graph and solve exponential and logarithmic equations.
- Explore trigonometric identities and functions using the Unit Circle, graphs and modeling.
- Calculate permutations, combinations, and complex probabilities.
- Interpret sample surveys, normal distributions and observational studies.

<b>ALGEBRA II CCSS</b>			
<b>UNIT 1: SET, STRUCTURE, AND FUNCTION</b>			
<b>Assignment Titles</b>			
1.	Course Overview	13.	Algebraic Expressions: Exponents Part 2
2.	Properties of Sets	14.	Algebraic Expressions: Multiplication and Division Part 1
3.	Operations of Sets	15.	Algebraic Expressions: Multiplication and Division Part 2
4.	Quiz 1: Set, Structure, and Function	16.	Exponents of Exponential Expressions
5.	Structure: Axioms	17.	Algebraic Expressions: Combining Terms
6.	Structure: Applications	18.	Quiz 3: Set, Structure, and Function
7.	Relations and Functions: Definitions	19.	Special Project
8.	Relations and Functions: Graphs	20.	Test
9.	Relations and Functions: Function Notation	21.	Alternate Test
10.	Relations and Functions: Inverses	22.	Glossary and Credits
11.	Quiz 2: Set, Structure, and Function		
12.	Algebraic Expressions: Exponents Part 1		

<b>ALGEBRA II CCSS</b>			
<b>UNIT 2: NUMBERS, SENTENCES, AND PROBLEMS</b>			
<b>Assignment Titles</b>			
1.	Number Order and Absolute Value	12.	Quiz 2: Numbers, Sentences, and Problems
2.	Sums and Products	13.	Number Problems
3.	Quiz 1: Numbers, Sentences, and Problems	14.	Motion Problems
4.	Solving Equations	15.	Miscellaneous Problems
5.	Multiplication Property	16.	Quiz 3: Numbers, Sentences, and Problems
6.	Multi-step Equations	17.	Performance Task
7.	Equations with Parentheses	18.	Alternate Performance Task
8.	Literal Expressions	19.	Special Project
9.	Solving Inequalities	20.	Test
10.	Graphing Solution Sets for Inequalities	21.	Alternate Test
11.	Compound Sentences	22.	Glossary and Credits

**ALGEBRA II CCSS  
UNIT 3: LINEAR EQUATIONS AND INEQUALITIES**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Line Graphs                         | 13. Solutions by Substitution                 |
| 2. Line Graphs by Two Points           | 14. Application of Systems of Equations       |
| 3. Slope of Lines Part 1               | 15. Quiz 2: Linear Equations and Inequalities |
| 4. Slope of Lines Part 2               | 16. Solving Inequalities                      |
| 5. Equations: Point Slope Part 1       | 17. Solving Two-order Inequalities            |
| 6. Equations: Point Slope Part 2       | 18. Quiz 3: Linear Equations and Inequalities |
| 7. Equations: Point Slope Part 3       | 19. Performance Task                          |
| 8. Equations: Slope-Intercept          | 20. Alternate Performance Task                |
| 9. General Equation of a Line          | 21. Special Project                           |
| 10. Quiz 1: Linear Equations           | 22. Test                                      |
| 11. Solutions for Systems of Equations | 23. Alternate Test                            |
| 12. Solutions by Addition              | 24. Glossary and Credits                      |

**ALGEBRA II CCSS  
UNIT 4: POLYNOMIALS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Products and Factoring                 | 14. Quiz 2: Polynomials                     |
| 2. Multiplying Polynomials by Polynomials | 15. Numerical Relationships from Identities |
| 3. Using Special Products Part 1          | 16. Direct Variation                        |
| 4. Using Special Products Part 2          | 17. Inverse Variation                       |
| 5. Factoring Trinomials                   | 18. Joint and Combined Variation            |
| 6. Factoring Special Products Part 1      | 19. Quiz 3: Polynomials                     |
| 7. Factoring Special Products Part 2      | 20. Project: Creating an Algorithm          |
| 8. Quiz 1: Polynomials                    | 21. Performance Task                        |
| 9. Addition and Subtraction Operations    | 22. Alternate Performance Task              |
| 10. Division with Polynomials             | 23. Special Project                         |
| 11. Synthetic Division                    | 24. Test                                    |
| 12. The Remainder Theorem                 | 25. Alternate Test                          |
| 13. Graphing Polynomials                  | 26. Glossary and Credits                    |

**ALGEBRA II CCSS  
UNIT 5: ALGEBRAIC FRACTIONS**

**Assignment Titles**

- |   |                                 |
|---|---------------------------------|
| 1. Multiplying and Dividing with Fractions    | 13. Quiz 3: Algebraic Fractions |
| 2. Reducing Rational Expressions              | 14. Applications of Fractions   |
| 3. Multiplying Algebraic Fractions            | 15. Mixture Problems            |
| 4. Dividing Algebraic Fractions               | 16. Work Problems               |
| 5. Quiz 1: Algebraic Fractions                | 17. Quiz 4: Algebraic Fractions |
| 6. Adding and Subtracting Algebraic Fractions | 18. Performance Task            |
| 7. Addition and Subtraction                   | 19. Alternate Performance Task  |
| 8. Mixed Expressions and Complex Fractions    | 20. Special Project             |
| 9. Quiz 2: Algebraic Fractions                | 21. Test                        |
| 10. Equations with Fractions                  | 22. Alternate Test              |
| 11. Fractional Equations                      | 23. Glossary and Credits        |
| 12. Proportions                               |                                 |

**ALGEBRA II CCSS  
UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**ALGEBRA II CCSS  
UNIT 7: REAL NUMBERS**

**Assignment Titles**

1. Real Numbers	12. Sum and Product of Roots
2. Law of Radicals	13. The Discriminant
3. Conjugates	14. The Fundamental Theorem of Algebra
4. Radical Equations	15. Imaginary Numbers
5. Quiz 1: Real Numbers	16. Quiz 3: Real Numbers
6. Quadratic Equations	17. Performance Task
7. Factoring Quadratic Equations	18. Alternate Performance Task
8. Completing the Square	19. Special Project
9. Quiz 2: Real Numbers	20. Test
10. Quadratic Formula	21. Alternate Test
11. Word Problems Involving Quadratic Equations	22. Glossary and Credits

**ALGEBRA II CCSS  
UNIT 8: QUADRATIC RELATIONS AND SYSTEMS**

**Assignment Titles**

1. Distance Formula	13. Solutions of Inequalities
2. Circle	14. Applications of Conic Sections: Part 1
3. Ellipse	15. Applications of Conic Sections: Part 2
4. Ellipse Continued	16. Applications of Conic Sections: Part 3
5. Quiz 1: Real Numbers	17. Constant of Proportionality
6. Conic Sections: Parabola	18. Quiz 3: Real Numbers
7. Conic Sections: Parabola Continued	19. Performance Task
8. Conic Sections: Hyperbola	20. Alternate Performance Task
9. Conic Sections: Hyperbola Continued	21. Special Project
10. Identifying Conic Sections	22. Test
11. Quiz 2: Real Numbers	23. Alternate Test
12. Systems of Equations	24. Glossary and Credits

**ALGEBRA II CCSS  
UNIT 9: FUNCTIONS**

**Assignment Titles**

1. Exponential Functions	17. Solving Logarithmic Equations
2. Fractional Exponents	18. Logarithmic Applications
3. Radical Functions	19. Quiz 2: Exponential Functions
4. Graphs of Piece-Wise Defined Functions	20. Comparing Functions
5. Exponential Equations	21. Inverse Functions
6. Graphing Exponential Functions	22. Matrices
7. Exponential Applications	23. System Solutions with Matrices
8. Solving Equations by Graphing Functions	24. Addition and Multiplication of Matrices
9. Quiz 1: Exponential Functions	25. Quiz 3: Exponential Functions
10. Logarithmic Functions	26. Performance Task
11. Evaluation of Logarithms	27. Alternate Performance Task
12. Evaluating Exponential Functions, Common	28. Special Project
13. General Properties of Logarithms	29. Test
14. Scientific Notation	30. Alternate Test
15. Calculation of Common Logarithms	31. Glossary and Credits
16. Graphs of Logarithmic Functions	

**ALGEBRA II CCSS  
UNIT 10: COUNTING PRINCIPLES**

**Assignment Titles**

1. Progressions: Sequences	12. Probability: Concepts
2. Progressions: Series	13. Probability: Equally Likely Outcomes
3. Quiz 1: Counting Principles	14. Probability: Multiplication Principle
4. Permutations: Factorials	15. Conditional Probability
5. Permutation Formula	16. Quiz 4: Counting Principles
6. Permutations: Applications	17. Performance Task
7. Quiz 2: Counting Principles	18. Alternate Performance Task
8. Combination Formula	19. Special Project
9. Combinations: Applications	20. Test
10. Combinations: Binomial Coefficients	21. Alternate Test
11. Quiz 3: Counting Principles	22. Glossary and Credits

**ALGEBRA II CCSS  
UNIT 11: TRIGONOMETRY**

**Assignment Titles**

- |   |                                |
|---|--------------------------------|
| 1. Trigonometry Basics                        | 10. Graphs and Modeling        |
| 2. The Unit Circle                            | 11. Quiz 3: Trigonometry       |
| 3. Reciprocal Functions                       | 12. Project: Regression Curve  |
| 4. Radian Measure                             | 13. Performance Task           |
| 5. Quiz 1: Trigonometry                       | 14. Alternate Performance Task |
| 6. Trigonometric Functions on the Unit Circle | 15. Special Project            |
| 7. Pythagorean Identity                       | 16. Test                       |
| 8. Quiz 2: Trigonometry                       | 17. Alternate Test             |
| 9. Graphs and Amplitude                       | 18. Glossary and Credits       |

**ALGEBRA II CCSS  
UNIT 12: STATISTICS**

**Assignment Titles**

- |                              |                                |
|------------------------------|--------------------------------|
| 1. Sample Surveys            | 8. Quiz 2: Statistics          |
| 2. Normal Distributions      | 9. Performance Task            |
| 3. Simulations               | 10. Alternate Performance Task |
| 4. Experiments               | 11. Special Project            |
| 5. Quiz 1: Statistics        | 12. Test                       |
| 6. Observational Studies     | 13. Alternate Test             |
| 7. Probability and Decisions | 14. Glossary and Credits       |

**ALGEBRA II CCSS  
UNIT 13: REVIEW**

**Assignment Titles**

- |                                |                                     |
|--------------------------------|-------------------------------------|
| 1. Integers                    | 14. Real Numbers Continued          |
| 2. Integers Continued          | 15. Quiz 2: Review                  |
| 3. Open Sentences              | 16. Quadratic Relations and Systems |
| 4. Open Sentences Continued    | 17. Quadratics Continued            |
| 5. Graphs                      | 18. Exponential Functions           |
| 6. Graphs Continued            | 19. Exponential Functions Continued |
| 7. Quiz 1: Review              | 20. Counting Principles             |
| 8. Polynomials                 | 21. Counting Principles Continued   |
| 9. Polynomials Continued       | 22. Quiz 3: Review                  |
| 10. Algebraic Fractions Part 1 | 23. Special Project                 |
| 11. Algebraic Fractions Part 2 | 24. Test                            |
| 12. Algebraic Fractions Part 3 | 25. Alternate Test                  |
| 13. Real Numbers               | 26. Glossary and Credits            |

**ALGEBRA II CCSS  
UNIT 14: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**ALGEBRA II CCSS  
UNIT 15: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |                            |                       |
|----------------------------|-----------------------|
| 1. Exam                    | 4. Performance Task 1 |
| 2. Alternate Exam - Form A | 5. Performance Task 2 |
| 3. Alternate Exam - Form B |                       |

**ALGEBRA II CCSS  
UNIT 16: CCSS END-OF-COURSE EXAM**

**Assignment Titles**

- |                            |                            |
|----------------------------|----------------------------|
| 1. Exam                    | 3. Alternate Exam - Form B |
| 2. Alternate Exam - Form A |                            |

## PRE-CALCULUS

### COURSE OVERVIEW

Pre-calculus is a full-year, high school credit course that is intended for the student who has successfully mastered the core algebraic and conceptual geometric concepts covered in the prerequisite courses: Algebra I, Geometry, and Algebra II. The course primarily focuses on the skills and methods of analytic geometry and trigonometry while investigating further relationships in functions, probability, number theory, limits, and the introduction of derivatives.

Upon successfully completing the course, students should have mastered the following concepts:

- Perform operations on functions including composition and inverses.
- Graph, evaluate, and solve exponential and logarithmic functions and equations.
- Utilize the unit circle in evaluating trigonometric identities; prove trigonometric identities; graph trigonometric functions and their inverses.
- Solve application problems involving right triangle trigonometry, special right triangles, and law of sines and cosines.
- Convert between Cartesian and polar forms; graph equations in polar coordinates.
- Graph and solve quadratic equations that include conic sections.
- Calculate probabilities, combinations, and permutations.
- Calculate summations and limits of functions.
- Relate analytical operations of limits, slope of a tangent line, and the definition of a derivative.

PRE-CALCULUS	
UNIT 1: RELATIONS AND FUNCTIONS	
Assignment Titles	
1. Course Overview	8. Algebra of Functions: Composition
2. Ordered-Pair Numbers: Relations	9. Algebra of Functions: Inverse
3. Ordered-Pair Numbers: Functions	10. Quiz 2: Relations and Functions
4. Ordered-Pair Numbers: Rules of Correspondence	11. Special Project
5. Quiz 1: Relations and Functions	12. Test
6. Algebra of Functions: Notation	13. Alternate Test
7. Algebra of Functions: Arithmetic	14. Glossary and Credits

PRE-CALCULUS	
UNIT 2: FUNCTIONS	
Assignment Titles	
1. Linear Functions: Graphs	11. Greatest Integer Function
2. Linear Functions: Equations	12. Exponential Function
3. Quiz 1: Linear Functions	13. Logarithmic Function
4. 2nd-Degree Functions: Solutions	14. Function Combinations
5. Relationships Between Zeros and Coefficients	15. Quiz 4: Special Functions
6. Quadratic Inequalities	16. Special Project
7. Quiz 2: Second-Degree Functions	17. Test
8. Polynomial Functions	18. Alternate Test
9. Nth-Degree Equations	19. Glossary and Credits
10. Quiz 3: Polynomial Functions	

PRE-CALCULUS	
UNIT 3: TRIGONOMETRIC FUNCTIONS	
Assignment Titles	
1. Definition of the Trigonometric Functions	10. Quiz 5: Quadrantal Angles
2. Quiz 1: Trigonometric Functions	11. Special Angles
3. Evaluation of Functions	12. Quiz 6: Special Angles
4. Quiz 2: Evaluation of Functions	13. Radian Measure
5. Angle Location	14. Quiz 7: Radian Measure
6. Quiz 3: Angle Location	15. Special Project
7. Reduction Formulas	16. Test
8. Quiz 4: Reduction Formulas	17. Alternate Test
9. Quadrantal Angles	18. Glossary and Credits

**PRE-CALCULUS**  
**UNIT 4: CIRCULAR FUNCTIONS AND THEIR GRAPHS**

**Assignment Titles**

1. Circular Functions	11. Amplitude of Circular Functions
2. Quiz 1: Circular Functions	12. Quiz 6: Amplitude of Circular Functions
3. Circular Functions of Special Angles	13. Period of Circular Functions
4. Quiz 2: Circular Functions of Special Angles	14. Quiz 7: Period of Circular Functions
5. Graphs of Sin and Cos	15. Phase Shift of Circular Functions
6. Quiz 3: Graphs of Sin and Cos	16. Quiz 8: Phase Shift of Circular Functions
7. Other Graphs	17. Special Project
8. Quiz 4: Other Graphs	18. Test
9. Applications	19. Alternate Test
10. Quiz 5: Applications	20. Glossary and Credits

**PRE-CALCULUS**  
**UNIT 5: IDENTITIES AND FUNCTIONS OF MULTIPLE ANGLES**

**Assignment Titles**

1. Reciprocal Relations	12. Quiz 6: Additional Sum and Difference Formulas
2. Quiz 1: Reciprocal Relations	13. Double- and Half-Angle Formulas
3. Pythagorean Relations	14. Quiz 7: Double- and Half-Angle Formulas
4. Quiz 2: Pythagorean Relations	15. Identities
5. Quotient Relations	16. Quiz 8: Identities
6. Quiz 3: Quotient Relations	17. Trigonometric Equations
7. Trigonometric Identities	18. Quiz 9: Trigonometric Equations
8. Quiz 4: Trigonometric Identities	19. Special Project
9. Cosine of the Sum of Two Angles	20. Test
10. Quiz 5: Cosine of the Sum of Two Angles	21. Alternate Test
11. Additional Sum and Difference Formulas	22. Glossary and Credits

**PRE-CALCULUS**  
**UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

1. Review	3. Alternate Exam - Form A
2. Exam	4. Alternate Exam - Form B

**PRE-CALCULUS**  
**UNIT 7: APPLICATION OF TRIGONOMETRIC FUNCTIONS**

**Assignment Titles**

1. Trigonometric Functions of Any Angle	10. More Applications
2. Quiz 1: Trigonometric Functions of Any Angle	11. Quiz 5: More Applications
3. More Trigonometric Functions of Any Angle	12. Inclined Plane Application
4. Quiz 2: Trigonometric Functions	13. Navigation Application
5. Applied Problems	14. Quiz 6: Additional Application Problems
6. Law of Cosines	15. Special Project
7. Quiz 3: Law of Cosines	16. Test
8. Law of Sines	17. Alternate Test
9. Quiz 4: Law of Sines	18. Glossary and Credits

**PRE-CALCULUS**  
**UNIT 8: INVERSE TRIGONOMETRIC FUNCTIONS AND POLAR COORDINATES**

**Assignment Titles**

1. The Inverse Sine Function	15. Converting Cartesian Equations to Polar Equations
2. Quiz 1: The Inverse Sine Function	16. Quiz 8: Converting Cartesian Equations to Polar Equations
3. The Inverse Cosine Function	17. Converting Polar Equations to Cartesian Equations
4. Quiz 2: The Inverse Cosine Function	18. Quiz 9: Converting Polar Equations to Cartesian Equations
5. The Inverse Tangent Function	19. Graphing Polar Equations
6. Quiz 3: The Inverse Tangent Function	20. Quiz 10: Graphing Polar Equations
7. Other Inverse Functions	21. Project: De Moivre's Theorem
8. Quiz 4: Other Inverse Functions	22. Special Project
9. Graphs of Inverse Functions	23. Test
10. Quiz 5: Graphs of Inverse Functions	24. Alternate Test
11. Graphing Polar Coordinates	25. Glossary and Credits
12. Quiz 6: Graphing Polar Coordinates	
13. Converting Coordinates	
14. Quiz 7: Converting Coordinates	



**PRE-CALCULUS**  
**UNIT 9: QUADRATIC EQUATIONS**

**Assignment Titles**

- |                                       |                                 |
|---------------------------------------|---------------------------------|
| 1. The Circle                         | 13. The Parabola Applied        |
| 2. The Circle Continued               | 14. The Hyperbola               |
| 3. Equation from Three Points         | 15. Quiz 2: Quadratic Equations |
| 4. Equation from Three Points Applied | 16. Translation                 |
| 5. The Ellipse                        | 17. Translation of Equations    |
| 6. The Ellipse: Standard Form         | 18. Rotation                    |
| 7. The Ellipse: General Form          | 19. Rotation of Equations       |
| 8. The Ellipse Applied                | 20. Quiz 3: Quadratic Equations |
| 9. Quiz 1: Quadratic Equations        | 21. Special Project             |
| 10. The Parabola                      | 22. Test                        |
| 11. The Parabola Continued            | 23. Alternate Test              |
| 12. The Parabola: Standard Form       | 24. Glossary and Credits        |

**PRE-CALCULUS**  
**UNIT 10: PROBABILITY**

**Assignment Titles**

- |  |                          |
|--|--------------------------|
| 1. Definitions, Sample Spaces, and Probability | 8. Circular Permutations |
| 2. Addition of Probabilities                   | 9. Combinations          |
| 3. Multiplication of Probabilities             | 10. Quiz 2: Probability  |
| 4. Quiz 1: Probability                         | 11. Special Project      |
| 5. Definitions                                 | 12. Test                 |
| 6. Permutation of N Things: Different          | 13. Alternate Test       |
| 7. Permutation of N Things: Not All Different  | 14. Glossary and Credits |

**PRE-CALCULUS**  
**UNIT 11: CALCULUS AND REVIEW**

**Assignment Titles**

- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| 1. Summation                        | 12. Review Mathematics 1201 and 1202 |
| 2. Proofs by Mathematical Induction | 13. Review Mathematics 1203 and 1204 |
| 3. Quiz 1: Calculus                 | 14. Review Mathematics 1205 and 1206 |
| 4. Functional Notation              | 15. Review Mathematics 1207 and 1208 |
| 5. Difference Quotient              | 16. Review Mathematics 1209 and 1210 |
| 6. Limits                           | 17. Quiz 4: Calculus                 |
| 7. Quiz 2: Calculus                 | 18. Special Project                  |
| 8. Slope of a Curve                 | 19. Test                             |
| 9. Slope of a Line                  | 20. Alternate Test                   |
| 10. Angle Between Curves            | 21. Glossary and Credits             |
| 11. Quiz 3: Calculus                |                                      |

**PRE-CALCULUS**  
**UNIT 12: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**PRE-CALCULUS**  
**UNIT 13: FINAL EXAM**

**Assignment Titles**

- |                            |                            |
|----------------------------|----------------------------|
| 1. Exam                    | 3. Alternate Exam - Form B |
| 2. Alternate Exam - Form A |                            |

## SCIENCE

### SCIENCE 300

#### COURSE OVERVIEW

Science 300 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course provides a broad survey of the major areas of science. Some of the areas covered in Science 300 include the human body, plants, animals, health and nutrition, matter, sound waves, earth science, and heat energy.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects designed to build on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop a subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Demonstrate a basic understanding of the systems in a human body.
- Discuss the process a plant goes through in order to grow.
- Explain the difference between types of animals.
- Determine which eating and care habits are the most healthy for students.
- Distinguish between the three phases of matter and describe their properties.
- Explain how sound travels.
- Describe why time and seasons change.
- Discuss how rocks are formed and how they change.
- Explain how heat is produced.

SCIENCE 300	
UNIT 1: YOU GROW AND CHANGE	
Assignment Titles	
1. Course Overview	11. Experiment: Taking Your Pulse
2. Your Body Breathes Air	12. Project: Bone Numbers
3. The Body Needs Oxygen	13. Quiz 3
4. Experiment: Breathing Patterns	14. Your Body is Different from an Animal
5. Experiment: Your Lungs	15. Quiz 4
6. Quiz 1	16. Special Project
7. Your Body Digests Food	17. Review Game
8. Experiment: Taste Test	18. Test
9. Quiz 2	19. Alternate Test
10. Your Body Exercises and Rests	20. Reference

SCIENCE 300	
UNIT 2: PLANTS	
Assignment Titles	
1. Plant Parts	10. Experiment: Plant a Piece of Potato
2. Experiment: Root Hairs	11. Experiment: Bean Plant
3. Experiment: Study a Stem	12. Quiz 3
4. Quiz 1	13. Special Project
5. Plant Growth	14. Review Game
6. Experiment: Grow Some Plants	15. Test
7. Quiz 2	16. Alternate Test
8. Plant Changes	17. Reference
9. Experiment: Watch Bean Seeds Grow	

**SCIENCE 300**  
**UNIT 3: ANIMALS: GROWTH AND CHANGE**

**Assignment Titles**

- |   |                                  |
|---|----------------------------------|
| 1. Animals and The Environment            | 11. Quiz 2                       |
| 2. Experiment: Hourly Temperature Changes | 12. How Animals Grow and Change  |
| 3. Experiment: Heat Energy Comparison     | 13. Project: Sow Bug Environment |
| 4. Project: Desert Locations              | 14. Quiz 3                       |
| 5. Quiz 1                                 | 15. Special Project              |
| 6. How Animals are Different              | 16. Review Game                  |
| 7. Animal Structures                      | 17. Test                         |
| 8. Project: Vertebrate Chart              | 18. Alternate Test               |
| 9. Eating and Breathing                   | 19. Reference                    |
| 10. Project: Sort Birds By Type           |                                  |

**SCIENCE 300**  
**UNIT 4: YOU ARE WHAT YOU EAT**

**Assignment Titles**

- |                                   |                                    |
|-----------------------------------|------------------------------------|
| 1. How to Build a Healthy Body    | 10. How to Form Good Health Habits |
| 2. How to Build a Healthy Body-2  | 11. Caring for the Eyes and Body   |
| 3. Quiz 1                         | 12. Quiz 3                         |
| 4. How to Plan for Healthy Eating | 13. Special Project                |
| 5. Project: Breakfast Chart       | 14. Review Game                    |
| 6. Project: Lunch Chart           | 15. Test                           |
| 7. Project: Dinner Chart          | 16. Alternate Test                 |
| 8. Project: Chart Totals          | 17. Reference                      |
| 9. Quiz 2                         |                                    |

**SCIENCE 300**  
**UNIT 5: PROPERTIES OF MATTER**

**Assignment Titles**

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| 1. Chemistry and Robert Boyle   | 11. Experiment: Mass Measurement  |
| 2. Experiment: Be a Chemist     | 12. Experiment: Melting Ice Cubes |
| 3. Properties of Matter         | 13. Chemical Changes              |
| 4. Experiment: Volume           | 14. Quiz 2                        |
| 5. Experiment: Think about Mass | 15. Special Project               |
| 6. Experiment: Is Air Matter?   | 16. Review Game                   |
| 7. Project: Matter List         | 17. Test                          |
| 8. Experiment: Is Water Matter? | 18. Alternate Test                |
| 9. Quiz 1                       | 19. Reference                     |
| 10. Physical Changes            |                                   |

**SCIENCE 300**  
**UNIT 6: SOUNDS AND YOU**

**Assignment Titles**

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| 1. What is Sound?                     | 11. How Do You Hear Sounds?         |
| 2. Experiment: Vibrations             | 12. Experiment: Think About Hearing |
| 3. Quiz 1                             | 13. Report: How Animals Hear        |
| 4. How Does Sound Travel?             | 14. Quiz 3                          |
| 5. How Are Different Sounds Made?     | 15. Special Project                 |
| 6. Experiment: Sound Patterns         | 16. Review Game                     |
| 7. Report: Read and Write About Sound | 17. Test                            |
| 8. Experiment: High and Low Sounds    | 18. Alternate Test                  |
| 9. Experiment: Loud or Soft?          | 19. Reference                       |
| 10. Quiz 2                            |                                     |

**SCIENCE 300**  
**UNIT 7: TIME AND SEASONS**

**Assignment Titles**

- |                                     |                        |
|-------------------------------------|------------------------|
| 1. How the Earth Moves              | 9. Quiz 2              |
| 2. Experiment: The Earth            | 10. Why Seasons Change |
| 3. Experiment: Night                | 11. Quiz 3             |
| 4. Experiment: The Earth's Rotation | 12. Special Project    |
| 5. Quiz 1                           | 13. Review Game        |
| 6. Why Time Changes                 | 14. Test               |
| 7. Experiment: Different Times      | 15. Alternate Test     |
| 8. Report: Months                   | 16. Reference          |

**SCIENCE 300**  
**UNIT 8: ROCKS AND THEIR CHANGE**

**Assignment Titles**

- |   |                                  |
|---|----------------------------------|
| 1. How Rocks are Formed: By Heat        | 10. Report: Mount Rushmore       |
| 2. Rocks Formed by Volcanoes            | 11. Rocks are Used for Enjoyment |
| 3. How Rocks are Formed: By Pressure    | 12. Quiz 3                       |
| 4. Experiment: Bubbling Grains of Rock  | 13. Special Project              |
| 5. Quiz 1                               | 14. Review Game                  |
| 6. Rocks are Changed by Wind and Water  | 15. Test                         |
| 7. Rocks are Changed by Heat and Plants | 16. Alternate Test               |
| 8. Quiz 2                               | 17. Reference                    |
| 9. Rocks are Used for Building          |                                  |

**SCIENCE 300**  
**UNIT 9: HEAT ENERGY**

**Assignment Titles**

- |                                   |  |
|-----------------------------------|--|
| 1. Heat Energy (Part 1)           | 10. Experiment: Changing Liquid to Gas |
| 2. Experiment: Feeling Friction   | 11. Quiz 2                             |
| 3. Experiment: Oxygen and Fire    | 12. Heat Energy Affects Our Lives      |
| 4. Heat Energy (Part 2)           | 13. Quiz 3                             |
| 5. Experiment: Static Electricity | 14. Special Project                    |
| 6. Quiz 1                         | 15. Review Game                        |
| 7. What Heat Energy Is and Does   | 16. Test                               |
| 8. Experiment: Water Molecules    | 17. Alternate Test                     |
| 9. Movement of Heat Energy        | 18. Reference                          |

**SCIENCE 300**  
**UNIT 10: REVIEW**

**Assignment Titles**

- |                                       |   |
|---------------------------------------|---|
| 1. Physical Change: Change in Man     | 10. Experiment: How Sound Travels       |
| 2. Physical Change: Change in Plants  | 11. Experiment: Temperature Comparisons |
| 3. Physical Change: Change in Animals | 12. Quiz 3                              |
| 4. Quiz 1                             | 13. Special Project                     |
| 5. The Earth                          | 14. Review Game                         |
| 6. Seasons and Times                  | 15. Test                                |
| 7. Project: Rock Collection           | 16. Alternate Test                      |
| 8. Quiz 2                             | 17. Reference                           |
| 9. Sounds and Energy                  |   |

## SCIENCE 400

### COURSE OVERVIEW

Science 400 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course builds on concepts taught in Science 300, providing a broad survey of the major areas of science. Some of the areas covered in Science 400 include the study of plants and animals, ecology, work and simple machines, electricity and magnetism, properties of water and matter, weather, solar system, and the different spheres of earth.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe different uses for plants.
- Discuss the differences among the ways that different animals act.
- Understand how people are responsible for preserving and conserving nature.
- Explain the different types of simple machines.
- Describe an electrical current and how it relates to magnetism.
- Demonstrate an understanding of the different properties of water.
- Observe weather and how it affects people.
- Describe our solar system.
- Discuss the three different spheres of the earth and how they interact.
- Explain the changes in seasons and time.

<b>SCIENCE 400</b>	
<b>UNIT 1: PLANTS</b>	
<b>Assignment Titles</b>	
1. Course Overview	11. How Plant Parts Function
2. Plant Life	12. Experiment: Celery
3. Plants Used As Food and Shelter	13. How Plant Parts Function (Part 2)
4. Project: Things Made of Wood	14. How Plant Parts Function (Part 3)
5. Report: Read and Write	15. Quiz 2
6. Plants Used For Enjoyment and Symbols	16. Special Project
7. Report: Flowers as State Symbols	17. Review Game
8. Report: Flower Paragraph	18. Test
9. Quiz 1	19. Alternate Test
10. Parts of Plants	20. Reference

<b>SCIENCE 400</b>	
<b>UNIT 2: ANIMALS</b>	
<b>Assignment Titles</b>	
1. How Animals are Structured	14. How Animals Act: Insects
2. Whales	15. Report: Honeybee Habits
3. Report: Types of Whales	16. Quiz 2
4. Birds	17. Animal Instinct
5. Reptiles and Fish	18. Man Protects Animals
6. Report: Writing about Fish	19. Project: Animal Scrapbook
7. Project: Observing Fish	20. Quiz 3
8. How Animals Eat and Digest Food	21. Special Project
9. How Animals Breathe	22. Review Game
10. Quiz 1	23. Test
11. How Animals Act: Mammals	24. Alternate Test
12. How Animals Act: Salmon	25. Reference
13. How Animals Act: Birds	

**SCIENCE 400**  
**UNIT 3: MAN AND HIS ENVIRONMENT**

**Assignment Titles**

1. Ecology	17. Report: Forest Community
2. Project: Your Environment	18. Quiz 2
3. Resources	19. Misuse of the Environment
4. Food Chains	20. Project: Ask an Expert
5. Ecosystem Populations	21. Report: Endangered Species
6. Project: Populations	22. Resource Conservation
7. Balance of Nature	23. Report: How to Save Energy
8. Project: Make a Pyramid	24. Environmental Preservation
9. Report: Rabbits in Australia	25. Report: Special Treasures
10. Quiz 1	26. Quiz 3
11. Water Communities	27. Special Project
12. Experiment: Still Water Life	28. Review Game
13. Land Communities	29. Test
14. Project: Human Communities	30. Alternate Test
15. Report: Read and Write	31. Reference
16. Project: Terrarium or Diorama	

**SCIENCE 400**  
**UNIT 4: MACHINES**

**Assignment Titles**

1. Machines Are Needed: Work	13. Simple Machines: Wheel and Axle
2. Report: Galileo	14. Simple Machines: Pulleys
3. Experiment: Gravity	15. Experiment: Pulleys
4. Machines Are Needed: Energy	16. Quiz 2
5. Quiz 1	17. Compound Machines
6. Simple Machines: Lever	18. Quiz 3
7. Experiment: Hammer and Nail	19. Special Project
8. Experiment: Seesaw	20. Review Game
9. Simple Machines: Inclined Plane	21. Test
10. Experiment: Inclined Plane	22. Alternate Test
11. Simple Machines: Wedge and Screw	23. Reference
12. Experiment: Screw and Nail	

**SCIENCE 400**  
**UNIT 5: ELECTRICITY AND MAGNETISM**

**Assignment Titles**

1. Electricity	13. Experiment: Make a Magnet
2. Report: Thomas Edison	14. Experiment: Magnet Poles
3. Experiment: Static Electricity	15. Experiment: Testing a Magnet
4. Currents and Circuits	16. Experiment: Generate Electricity
5. Project: Conductors	17. Experiment: Electromagnet
6. Experiment: Wet Cell	18. Report: Explorers
7. Project: Electric Objects	19. Quiz 2
8. Electrical Use and Safety	20. Special Project
9. Project: Fuses in Use	21. Review Game
10. Quiz 1	22. Test
11. Magnetism	23. Alternate Test
12. Experiment: Use a Magnet	24. Reference

**SCIENCE 400**  
**UNIT 6: WATER AND MATTER**

**Assignment Titles**

1. Water	11. Matter
2. Experiment: Ice	12. Molecules and Atoms
3. Experiment: Ice Volume	13. Experiment: Molecules
4. Water as a Liquid	14. Elements
5. Experiment: Potato	15. Quiz 2
6. Water as a Gas	16. Special Project
7. Experiment: Forming Dew	17. Review Game
8. Water as a Solvent	18. Test
9. Experiment: Solubility	19. Alternate Test
10. Quiz 1	20. Reference

**SCIENCE 400  
UNIT 7: WEATHER**

**Assignment Titles**

- |                              |                           |
|------------------------------|---------------------------|
| 1. The Atmosphere            | 11. Quiz 2                |
| 2. Experiment: Air and Space | 12. Prediction of Weather |
| 3. Temperature               | 13. Project: Thermometers |
| 4. Experiment: Temperature   | 14. Quiz 3                |
| 5. Air Pressure              | 15. Special Project       |
| 6. Experiment: Pressure      | 16. Review Game           |
| 7. Quiz 1                    | 17. Test                  |
| 8. Forces of Weather         | 18. Alternate Test        |
| 9. Sand and Dust Storms      | 19. Reference             |
| 10. Report: Hurricanes       |                           |

**SCIENCE 400  
UNIT 8: OUR SOLAR SYSTEM AND THE UNIVERSE**

**Assignment Titles**

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| 1. A Trip Through Space            | 12. Experiment: Moon Phases          |
| 2. Our Big Universe                | 13. Quiz 2                           |
| 3. Report: Astronomy Instruments   | 14. The Stars and Space              |
| 4. Essay: Astronomy                | 15. Essay: Astrology                 |
| 5. Quiz 1                          | 16. The Milky Way and Other Galaxies |
| 6. The Sun                         | 17. Quiz 3                           |
| 7. Essay: Ancient People           | 18. Special Project                  |
| 8. Movements                       | 19. Review Game                      |
| 9. Report: Isaac Newton            | 20. Test                             |
| 10. Heavenly Bodies Around the Sun | 21. Alternate Test                   |
| 11. Our Moon                       | 22. Reference                        |

**SCIENCE 400  
UNIT 9: THE PLANET EARTH**

**Assignment Titles**

- |                             |                                     |
|-----------------------------|-------------------------------------|
| 1. The Air (Atmosphere)     | 11. Experiment: Shadows             |
| 2. Experiment: Condensation | 12. Earth's Land Formations         |
| 3. Gases in the Atmosphere  | 13. Earth's Rotation and Revolution |
| 4. Quiz 1                   | 14. Quiz 3                          |
| 5. The Water (Hydrosphere)  | 15. Special Project                 |
| 6. Essay: Psalm 147         | 16. Review Game                     |
| 7. Salt Water               | 17. Test                            |
| 8. Experiment: Currents     | 18. Alternate Test                  |
| 9. Quiz 2                   | 19. Reference                       |
| 10. The Land (Lithosphere)  |                                     |

**SCIENCE 400  
UNIT 10: UNDERSTANDING GOD'S WONDERFUL CREATION**

**Assignment Titles**

- |                                      |                              |
|--------------------------------------|------------------------------|
| 1. Review: The Solar System          | 12. Quiz 3                   |
| 2. Review: The Earth                 | 13. Review: Ecology          |
| 3. Quiz 1                            | 14. Review: Conservation     |
| 4. Review: Matter                    | 15. Report: Passenger Pigeon |
| 5. Review: Water                     | 16. Quiz 4                   |
| 6. Review: Weather                   | 17. Special Project          |
| 7. Project: Weather Scrapbook        | 18. Review Game              |
| 8. Quiz 2                            | 19. Test                     |
| 9. Review: Electricity and Magnetism | 20. Alternate Test           |
| 10. Project: Thomas Alva Edison      | 21. Reference                |
| 11. Review: Machines                 |                              |

## SCIENCE 500

### COURSE OVERVIEW

Science 500 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 300 and Science 400 courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 500 include the study of cells, plants and animals, ecology, energy, geology, properties of matter, and the natural cycles of life.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Demonstrate an understanding of cells and their structure, both plant and animal.
- Differentiate between plants, animals, fungi, protozoa, and algae.
- Explain interactions between different life forms.
- Discuss different energy transformations.
- Describe geology and how it relates to the Flood.
- Demonstrate an understanding of fossil types and the formation of fossils.
- Understand natural cycles.

<b>SCIENCE 500 UNIT 1: CELLS</b>	
<b>Assignment Titles</b>	
1. Course Overview	12. Tissue
2. The Basic Unit of Living Things: A Cell	13. Quiz 2
3. Viewing Cells	14. Cells: Energy and Growth of Cells
4. Experiment: Skin Cells	15. Cell Reproduction
5. Quiz 1	16. Quiz 3
6. The Life and Activity of Cells	17. Special Project
7. Plants and Unicellular Organisms	18. Review Game
8. Experiment: Onion Cells	19. Test
9. Experiment: Pond Water Examination	20. Alternate Test
10. Experiment: Cheek Cells	21. Reference
11. Experiment: Blood Cells	

<b>SCIENCE 500 UNIT 2: PLANTS: LIFE CYCLES</b>	
<b>Assignment Titles</b>	
1. Classifying Living Things and Plants	14. Fern Plants
2. Parts of Plants	15. Report: Walking Fern
3. Quiz 1	16. Fungi
4. Seed Bearing Plants	17. Experiment: Mold
5. Flowering Plants	18. Quiz 3
6. Experiment: Flower Dissection	19. One-celled Living Things
7. Fertilization	20. Quiz 4
8. Experiment: Seed Dissection	21. Special Project
9. Cone-Bearing Plants	22. Review Game
10. Project: Examining Cones	23. Test
11. Project: Seed Hunt	24. Alternate Test
12. Quiz 2	25. Reference
13. Spore Bearing Plants and Fungi	



**SCIENCE 500**  
**UNIT 3: ANIMALS: LIFE CYCLES**

**Assignment Titles**

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| 1. Invertebrates: Life Cycles       | 13. Egg-Laying Vertebrates (Part 3) |
| 2. One-celled Animal-like Protists  | 14. Experiment: Chicken Egg         |
| 3. Report: Protozoa                 | 15. Live-Bearing Vertebrates        |
| 4. Egg-Laying Invertebrates         | 16. Report: Mammals                 |
| 5. Experiment: Mealworm             | 17. Essay: God and Animals          |
| 6. Report: The Spider               | 18. Quiz 2                          |
| 7. Report: Insect Study             | 19. Special Project                 |
| 8. Worms and Mollusks               | 20. Review Game                     |
| 9. Quiz 1                           | 21. Test                            |
| 10. Vertebrates: Life Cycles        | 22. Alternate Test                  |
| 11. Egg-Laying Vertebrates          | 23. Reference                       |
| 12. Egg-Laying Vertebrates (Part 2) |                                     |

**SCIENCE 500**  
**UNIT 4: BALANCE IN NATURE**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Balance of Nature: Physical Environment | 12. Project: Special Environments       |
| 2. Project: Cycles                         | 13. Quiz 2                              |
| 3. Ecosystems                              | 14. Humans and the Web of Life          |
| 4. Project: Terrarium Project              | 15. Humans and the Web of Life (Part 2) |
| 5. Quiz 1                                  | 16. Quiz 3                              |
| 6. The Prairie: Web of Life                | 17. Special Project                     |
| 7. Project: Prairie Land                   | 18. Review Game                         |
| 8. The Prairie: Web of Life (Part 2)       | 19. Test                                |
| 9. Report: Prairie Birds                   | 20. Alternate Test                      |
| 10. The Prairie: Food Chains               | 21. Reference                           |
| 11. Project: Prairie Food Chain            |   |

**SCIENCE 500**  
**UNIT 5: TRANSFORMATION OF ENERGY**

**Assignment Titles**

- |   |                                       |
|---|---------------------------------------|
| 1. Energy   | 10. Quiz 2                            |
| 2. Work   | 11. Energy in the Future              |
| 3. Quiz 1   | 12. Future Sources of Energy          |
| 4. Work From Energy                                 | 13. Experiment: Solar Energy for Heat |
| 5. Experiment: Heat From the Sun                    | 14. Quiz 3                            |
| 6. Forms of Energy                                  | 15. Special Project                   |
| 7. Experiment: Heat from Bending                    | 16. Review Game                       |
| 8. Experiment: Heat Energy from a Chemical Reaction | 17. Test                              |
| 9. Chemical Energy                                  | 18. Alternate Test                    |
|   | 19. Reference                         |

**SCIENCE 500**  
**UNIT 6: RECORDS IN THE ROCK: THE FLOOD**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Before the Flood: The Bible Record    | 9. After the Flood: The Bible Record     |
| 2. Before the Flood: The Physical Record | 10. After the Flood: The Physical Record |
| 3. Quiz 1                                | 11. Quiz 3                               |
| 4. The Flood: The Bible Record           | 12. Special Project                      |
| 5. Project: Interview with Noah          | 13. Review Game                          |
| 6. The Flood: The Physical Record        | 14. Test                                 |
| 7. Report: Ancient Flood Stories         | 15. Alternate Test                       |
| 8. Quiz 2                                | 16. Reference                            |

**SCIENCE 500**  
**UNIT 7: RECORDS IN THE ROCK: FOSSILS**

**Assignment Titles**

1. Fossil Formation	11. Project: Fossil Clues
2. Project: Mold Fossil Copy	12. Reading Fossils: Reconstruction
3. Project: Cast Fossil Copy	13. Project: Fill in the Skeleton
4. Fossil Formation Part 2	14. Project: Be Creative
5. Fossil Locations	15. Quiz 2
6. Quiz 1	16. Special Project
7. Reading Fossils: Identification	17. Review Game
8. Reading Fossils: Earth's Age	18. Test
9. Project: Plant and Animal Fossils	19. Alternate Test
10. Reading Fossils: Difficulties	20. Reference

**SCIENCE 500**  
**UNIT 8: RECORDS IN ROCK: GEOLOGY**

**Assignment Titles**

1. Features of the Earth	12. Causes of Surface Change
2. Project: Compare an Orange and the Earth	13. Earthquakes and Volcanoes
3. Layers of the Earth	14. Project: Volcano Summary
4. Rocks on the Earth's Surface	15. Results of Forces
5. Project: Examine a Mineral	16. Quiz 2
6. Kinds of Rocks	17. Special Project
7. Report: Rocks	18. Review Game
8. Project: Rock Hunt	19. Test
9. Quiz 1	20. Alternate Test
10. Changes in the Earth: Surface Change	21. Reference
11. Experiment: Erosion	

**SCIENCE 500**  
**UNIT 9: CYCLES IN NATURE**

**Assignment Titles**

1. Properties of Matter	14. Comets
2. Properties of Matter (Part 2)	15. Report: Famous Comets
3. Experiment: Volume	16. Life
4. Changes in Matter	17. Experiment: Water Evaporation
5. Experiment: Water Container	18. Quiz 2
6. Experiment: Types of Changes	19. God's Order
7. Conservation of Matter	20. Quiz 3
8. Experiment: Conservation of Matter	21. Special Project
9. Structure of Matter	22. Review Game
10. Quiz 1	23. Test
11. The Four Seasons	24. Alternate Test
12. The Cause of Seasons	25. Reference
13. Project: Globe	

**SCIENCE 500**  
**UNIT 10: LOOK AHEAD**

**Assignment Titles**

1. Living Things: Plants, Fungi, Protists, and Monerans	10. Energy and Work
2. Living Things: Animals and Animal-Like Protists	11. Matter
3. Living Things: Balance of Nature	12. Quiz 3
4. Quiz 1	13. Special Project
5. The Earth: Records of Life	14. Review Game
6. The Earth: Fossils	15. Test
7. The Earth: Records in Rock	16. Alternate Test
8. Quiz 2	17. Reference
9. Order in Creation	

## SCIENCE 600

### COURSE OVERVIEW

Science 600 is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 300-500 elementary courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 600 include the study of plant and animal systems, plant and animal behavior, genetics, the structure of matter, light and sound, kinematics, planet Earth, the solar system, and astronomy.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe the different systems in plants and animals.
- Explain the different ways plants and animals behave.
- Explain how Mendel used observation to develop his theories.
- Demonstrate a basic knowledge of chemical structure and the periodic table.
- Discuss light and sound waves.
- Describe motion as it relates to force and work.
- Explain how time and season are related to the rotation and revolution of the earth.
- Identify common stars and constellations.

SCIENCE 600	
UNIT 1: PLANT SYSTEMS	
Assignment Titles	
1. Course Overview	13. Transport System: Stems and Leaves
2. Photosynthesis: Location	14. Experiment: Celery
3. Experiment: Anacharis Photosynthesis	15. Quiz 2
4. Photosynthesis: The Leaf Factory	16. Regulatory System
5. Experiment: Seeds	17. Experiment: Growing Roots
6. Photosynthesis: Products	18. Quiz 3
7. Experiment: Digestive Enzymes	19. Special Project
8. Photosynthesis: Raw Materials	20. Review Game
9. Investigation: Plant Growth	21. Test
10. Quiz 1	22. Alternate Test
11. Transport System: Roots	23. Reference
12. Experiment: Root Observation	

SCIENCE 600	
UNIT 2: BODY SYSTEMS	
Assignment Titles	
1. Digestive System: Structure	13. Project: Lungs
2. Digestive System: Function	14. Experiment: Evaporation and Cooling
3. Experiment: Digestion	15. Quiz 2
4. Digestive System: Function (Part 2)	16. Muscular System
5. Experiment: Oil and Soap	17. Skeletal System
6. Experiment: Passing Food	18. Quiz: Bone Quiz
7. Quiz 1	19. Quiz 3
8. Circulatory System	20. Special Project
9. Experiment: Pulse Rate	21. Review Game
10. Project: Heart	22. Test
11. Excretory System	23. Alternate Test
12. Experiment: Carbon Dioxide	24. Reference

**SCIENCE 600**  
**UNIT 3: PLANTS AND ANIMAL BEHAVIOR**

**Assignment Titles**

- |                                |                                |
|--------------------------------|--------------------------------|
| 1. The Nervous System          | 13. Terrestrial Biomes         |
| 2. Report: The Eye             | 14. Aquatic Biomes             |
| 3. Report: The Ear             | 15. Food Chains                |
| 4. Nerves and Spinal Column    | 16. Nature: Cycles and Balance |
| 5. Response and Intelligence   | 17. Report: Man's Influence    |
| 6. Report: Instincts           | 18. Quiz 3                     |
| 7. Experiment: Response        | 19. Special Project            |
| 8. Experiment: Trial and Error | 20. Review Game                |
| 9. Quiz 1                      | 21. Test                       |
| 10. Plant Behavior             | 22. Alternate Test             |
| 11. Investigation: Tropisms    | 23. Reference                  |
| 12. Quiz 2                     |                                |

**SCIENCE 600**  
**UNIT 4: MOLECULAR GENETICS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Reproduction                         | 13. Experiment: Albinos                 |
| 2. Project: Flower Structure            | 14. Report: Genetics                    |
| 3. Male-Female Reproduction             | 15. Mutation                            |
| 4. Project: Lima Bean Embryo            | 16. The Use of Mutations                |
| 5. Quiz 1                               | 17. Project: Pea Pod                    |
| 6. Inheritance                          | 18. Temperature Influence on Coloration |
| 7. Project: Mendel's Discovery          | 19. Quiz 3                              |
| 8. Taste, Dominance, and Multiple Genes | 20. Special Project                     |
| 9. Experiment: Taste Gene Lab           | 21. Review Game                         |
| 10. Project: Traits                     | 22. Test                                |
| 11. Quiz 2                              | 23. Alternate Test                      |
| 12. DNA                                 | 24. Reference                           |

**SCIENCE 600**  
**UNIT 5: CHEMICAL STRUCTURE AND CHANGE**

**Assignment Titles**

- |                                       |                                  |
|---------------------------------------|----------------------------------|
| 1. Chemical Structure                 | 16. Project: Chart and Diagram   |
| 2. Experiment: Solid, Liquid, Gas     | 17. Report: Chemical Discoveries |
| 3. Chemical Elements and Atoms        | 18. Acids and Bases              |
| 4. Molecules and Compounds            | 19. Experiment: Acid or Base?    |
| 5. Experiment: Copper Iodide          | 20. Project: From Memory         |
| 6. Experiment: Calcium Carbonate      | 21. Project: Cause and Effect    |
| 7. Quiz 1                             | 22. Project: Chemical Symbols    |
| 8. Periodic Table                     | 23. Project: Discussion          |
| 9. Project: Water Molecule Model      | 24. Quiz 3                       |
| 10. Atomic Mass                       | 25. Special Project              |
| 11. Project: Atomic Number            | 26. Review Game                  |
| 12. Arrangement of the Periodic Table | 27. Test                         |
| 13. Project: Use the Periodic Table   | 28. Alternate Test               |
| 14. Quiz 2                            | 29. Reference                    |
| 15. Chemical Change                   |                                  |

**SCIENCE 600**  
**UNIT 6: LIGHT AND SOUND**

**Assignment Titles**

- |                                |                                       |
|--------------------------------|---------------------------------------|
| 1. Waves: Sound                | 13. Project: Color Wheel              |
| 2. Experiment: Test Tube Tunes | 14. Experiment: Subtractive Colors    |
| 3. Project: Sound Vibrations   | 15. Experiment: Mixing Colored Lights |
| 4. Light Waves                 | 16. Mixing Colors                     |
| 5. Project: Light Waves        | 17. Experiment: Mixing Colorants      |
| 6. Project: Refracted Light    | 18. Quiz 3                            |
| 7. Quiz 1                      | 19. Special Project                   |
| 8. The Spectrum                | 20. Review Game                       |
| 9. Project: Color Spectrum     | 21. Test                              |
| 10. Project: Create a Rainbow  | 22. Alternate Test                    |
| 11. Quiz 2                     | 23. Reference                         |
| 12. Colors                     |                                       |

**SCIENCE 600**  
**UNIT 7: MOTION AND ITS MEASUREMENT**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. Motion, Force, and Work                   | 10. Experiment: The Law of Inertia |
| 2. Measurement of Work                       | 11. Quiz 2                         |
| 3. Experiment: Forces of Lifting and Pulling | 12. Change in Motion               |
| 4. Project: Unscramble Activity              | 13. Quiz 3                         |
| 5. Quiz 1                                    | 14. Special Project                |
| 6. Power and Newton's Laws of Motion         | 15. Review Game                    |
| 7. Report: Horsepower and Watts              | 16. Test                           |
| 8. Experiment: Your Horsepower               | 17. Alternate Test                 |
| 9. Newton's Laws of Motion and Gravitation   | 18. Reference                      |

**SCIENCE 600**  
**UNIT 8: SPACESHIP EARTH**

**Assignment Titles**

- |                                  |                                       |
|----------------------------------|---------------------------------------|
| 1. Earth's Motion                | 11. Quiz 2                            |
| 2. Experiment: Balloon Globe     | 12. The Solar System                  |
| 3. Earth's Rotation              | 13. Report: Planets                   |
| 4. Time                          | 14. Asteroids, Comets, and Meteoroids |
| 5. Experiment: Observing Shadows | 15. Quiz 3                            |
| 6. Earth's Orbit                 | 16. Special Project                   |
| 7. Quiz 1                        | 17. Review Game                       |
| 8. Eclipses                      | 18. Test                              |
| 9. Project: Fact or Opinion      | 19. Alternate Test                    |
| 10. Experiment: Eclipses         | 20. Reference                         |

**SCIENCE 600**  
**UNIT 9: ASTRONOMY AND THE STARS**

**Assignment Titles**

- |  |                                       |
|--|---------------------------------------|
| 1. Astronomy                           | 12. Quiz 2                            |
| 2. Report: Great Astronomers           | 13. Constellations and Major Stars    |
| 3. Astronomy Today                     | 14. Project: Betelgeuse and Aldebaran |
| 4. Quiz 1                              | 15. Project: Constellations           |
| 5. Stars                               | 16. Quiz 3                            |
| 6. Elements and Spectra                | 17. Special Project                   |
| 7. Project: The Spectroscope           | 18. Review Game                       |
| 8. Experiment: Spectrography           | 19. Test                              |
| 9. Experiment: Oil on Water            | 20. Alternate Test                    |
| 10. Magnitude and Luminosity           | 21. Reference                         |
| 11. Light Years and Astronomical Units |                                       |

**SCIENCE 600**  
**UNIT 10: THE EARTH AND THE UNIVERSE**

**Assignment Titles**

- |                                   |                                     |
|-----------------------------------|-------------------------------------|
| 1. The Photosynthesis System      | 14. Physics and Chemistry: Motion   |
| 2. The Transport System of Plants | 15. Physics and Chemistry: Machines |
| 3. The Digestive System           | 16. Quiz 2                          |
| 4. The Excretory System           | 17. Earth's Rotation                |
| 5. Skeletal and Muscular Systems  | 18. Earth's Revolution              |
| 6. The Nervous System             | 19. Our Solar System                |
| 7. Genetics and Reproduction      | 20. Quiz 3                          |
| 8. Ecological Systems             | 21. Special Project                 |
| 9. Report: Biomes                 | 22. Review Game                     |
| 10. Quiz 1                        | 23. Test                            |
| 11. Physics and Chemistry: Matter | 24. Alternate Test                  |
| 12. Physics and Chemistry: Light  | 25. Reference                       |
| 13. Physics and Chemistry: Sound  |                                     |

## GENERAL SCIENCE I

### COURSE OVERVIEW

General Science I is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 600 course, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in General Science I include the scientific method, overview of the four major areas of science, mathematics in science, astronomy, the atmosphere, natural cycles, weather and climate, human anatomy and physiology, and careers in science.

The course seeks to develop the student's ability to be aware of and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should show understanding of interrelationships between organisms, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Demonstrate a knowledge of the different tools and methods used in science.
- Calculate and convert units in the metric system.
- Discuss historical and current views on astronomy.
- Describe the atmosphere and the weather around the earth.
- Demonstrate a basic knowledge of the different systems in the human body.

<b>GENERAL SCIENCE I</b>	
<b>UNIT 1: WHAT IS SCIENCE?</b>	
<b>Assignment Titles</b>	
1. Course Overview	9. The Four Major Areas of Science
2. Tools of a Scientist 1	10. Quiz 3: Work of a Scientist
3. Tools of a Scientist 2	11. Careers in Science
4. Quiz 1: Tools of a Scientist	12. Quiz 4: Careers in Science
5. Methods of a Scientist 1	13. Special Project
6. Methods of a Scientist 2	14. Test
7. Quiz 2: Methods of a Scientist	15. Alternate Test
8. The Scientist	16. Reference

<b>GENERAL SCIENCE I</b>	
<b>UNIT 2: PERCEIVING THINGS</b>	
<b>Assignment Titles</b>	
1. Measurement: The Metric System	9. Graphs: Pictographs and Pie Charts
2. Measurement: Size and Distance	10. Experiment: Making Graphs
3. Measurement: Area	11. Quiz 2: Graphing Data
4. Measurement: Volume	12. Special Project
5. Measurement: Mass and Density	13. Test
6. Experiment: Finding Density	14. Alternate Test
7. Quiz 1: Measurement	15. Reference
8. Graphs: Uses, Bar, and Line	

<b>GENERAL SCIENCE I</b>	
<b>UNIT 3: EARTH IN SPACE (PART 1)</b>	
<b>Assignment Titles</b>	
1. Stargazing	8. Astronomers
2. Star Charts	9. Essay: Galileo
3. Experiment: Constellations	10. Quiz 3: Astronomers
4. Quiz 1: Stargazing	11. Special Project
5. Astronomy	12. Test
6. Experiment: Astrolabe	13. Alternate Test
7. Quiz 2: Astronomy	14. Reference

**GENERAL SCIENCE I  
UNIT 4: EARTH IN SPACE (PART 2)**

**Assignment Titles**

- |                             |                      |
|-----------------------------|----------------------|
| 1. The Sun's Energy         | 8. Quiz 3: The Moon  |
| 2. Quiz 1: The Sun's Energy | 9. Eclipses          |
| 3. The Sun's Family         | 10. Quiz 4: Eclipses |
| 4. Outer Planets            | 11. Special Project  |
| 5. Asteroids and Comets     | 12. Test             |
| 6. Quiz 2: The Sun's Family | 13. Alternate Test   |
| 7. The Moon                 | 14. Reference        |

**GENERAL SCIENCE I  
UNIT 5: THE ATMOSPHERE**

**Assignment Titles**

- |  |                      |
|--|----------------------|
| 1. Structure of the Atmosphere         | 8. Pollution         |
| 2. Solar Effects                       | 9. Quiz 3: Pollution |
| 3. Experiment: The Greenhouse          | 10. Special Project  |
| 4. Quiz 1: Structure of the Atmosphere | 11. Test             |
| 5. Water Cycle                         | 12. Alternate Test   |
| 6. Other Natural Cycles                | 13. Reference        |
| 7. Quiz 2: Natural Cycles              |                      |

**GENERAL SCIENCE I  
UNIT 6: WEATHER**

**Assignment Titles**

- |                                |                                 |
|--------------------------------|---------------------------------|
| 1. Elements of Weather         | 8. Quiz 2: Weather in Motion    |
| 2. Wind                        | 9. Weather Forecasting          |
| 3. Pressure                    | 10. Quiz 3: Weather Forecasting |
| 4. Experiment: Dew Point       | 11. Special Project             |
| 5. Quiz 1: Elements of Weather | 12. Test                        |
| 6. Weather in Motion           | 13. Alternate Test              |
| 7. Fronts                      | 14. Reference                   |

**GENERAL SCIENCE I  
UNIT 7: CLIMATE**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Climate: General                           | 7. Quiz 3: Regional Climate Types and Distribution of Climate Types |
| 2. Quiz 1: Climate: General                   | 8. Special Project  |
| 3. Climate: Worldwide                         | 9. Test   |
| 4. Quiz 2: Climate: Worldwide                 | 10. Alternate Test  |
| 5. Regional Climate Types                     | 11. Reference   |
| 6. Distribution of Climate Types in the World |   |

**GENERAL SCIENCE I  
UNIT 8: THE HUMAN ANATOMY (PART 1)**

**Assignment Titles**

- |                                  |   |
|----------------------------------|---|
| 1. Human Building Blocks         | 8. Project: Human Brain                     |
| 2. Experiment: Cheek Cell        | 9. Senses                                   |
| 3. Quiz 1: Human Building Blocks | 10. Quiz 3: Human Nervous System and Senses |
| 4. Human Framework               | 11. Special Project                         |
| 5. Skin                          | 12. Test                                    |
| 6. Quiz 2: Human Framework       | 13. Alternate Test                          |
| 7. Human Nervous System          | 14. Reference                               |

**GENERAL SCIENCE I  
UNIT 9: THE HUMAN ANATOMY (PART 2)**

**Assignment Titles**

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| 1. The Respiratory System         | 9. The Excretory System          |
| 2. Quiz 1: The Respiratory System | 10. Quiz 4: The Excretory System |
| 3. The Circulatory System         | 11. The Endocrine System         |
| 4. Experiment: Heart Rate         | 12. Quiz 5: The Endocrine System |
| 5. Quiz 2: The Circulatory System | 13. Special Project              |
| 6. The Digestive System--Part 1   | 14. Test                         |
| 7. The Digestive System--Part 2   | 15. Alternate Test               |
| 8. Quiz 3: The Digestive System   | 16. Reference                    |

**GENERAL SCIENCE I  
UNIT 10: WORKING IN SCIENCE**

**Assignment Titles**

- |                                       |  |
|---------------------------------------|--|
| 1. Scientists at Work                 | 12. The Medical Scientist at Work                          |
| 2. Experiment: Red Celery             | 13. Nervous and Endocrine Systems                          |
| 3. Famous Scientists                  | 14. Circulatory and Respiration Systems                    |
| 4. Quiz 1: Scientists at Work         | 15. Digestive and Excretory Systems                        |
| 5. The Astronomer at Work             | 16. Quiz 4: The Medical Scientist at Work and Body Systems |
| 6. Planets                            | 17. Special Project  |
| 7. Quiz 2: The Astronomer at Work     | 18. Test   |
| 8. The Meteorologist at Work          | 19. Alternate Test   |
| 9. Studying the Weather               | 20. Reference  |
| 10. Studying Climates                 |  |
| 11. Quiz 3: The Meteorologist at Work |  |



## GENERAL SCIENCE II

### COURSE OVERVIEW

General Science II is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 600 and General Science I courses, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in General Science II include the history of science, structure and properties of matter, health and nutrition, types of energy, electricity and magnetism, work, energy, forces, simple machines, balance in nature, natural cycles and resources.

The course seeks to develop the student's ability to be aware of and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should show understanding of interrelationships between organisms and the environment, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Define science and describe its history.
- Demonstrate a knowledge of the different changes in matter.
- Describe elements and compounds in the terms of atoms and molecules.
- Know how to develop good health habits.
- Explain and give examples of the different types of energy.
- Describe different types of simple machines.
- Discuss the balance in nature regarding the different cycles.

GENERAL SCIENCE II UNIT 1: SCIENCE AND SOCIETY	
Assignment Titles	
1. Course Overview	9. Essay: Da Vinci
2. Science Today	10. Limitations
3. Post-Renaissance Science	11. Quiz 3
4. Essay: Mendel	12. Special Project
5. Quiz 1	13. Test
6. Today's Scientist	14. Alternate Test
7. Quiz 2	15. Reference
8. Science and Technology	

GENERAL SCIENCE II UNIT 2: STRUCTURE OF MATTER (PART 1)	
Assignment Titles	
1. Properties of Matter (1)	10. Compounds
2. Experiment: Determining Volume and Density	11. Mixtures
3. Experiment: Metric Measurements	12. Experiment: Mixtures
4. Properties of Matter (2)	13. Quiz 3
5. Quiz 1	14. Special Project
6. Atoms and Molecules	15. Test
7. Molecules	16. Alternate Test
8. Quiz 2	17. Reference
9. Elements	

**GENERAL SCIENCE II**  
**UNIT 3: STRUCTURE OF MATTER (PART 2)**

**Assignment Titles**

- |                                |                         |
|--------------------------------|-------------------------|
| 1. Matter and Change           | 10. Bases               |
| 2. Experiment: Phase Changes   | 11. Experiment: Cabbage |
| 3. Solutions                   | 12. Quiz 3              |
| 4. Chemical Changes            | 13. Salts               |
| 5. Experiment: Forms of Change | 14. Quiz 4              |
| 6. Nuclear Changes             | 15. Special Project     |
| 7. Quiz 1                      | 16. Test                |
| 8. Acids                       | 17. Alternate Test      |
| 9. Quiz 2                      |                         |

**GENERAL SCIENCE II**  
**UNIT 4: HEALTH AND NUTRITION**

**Assignment Titles**

- |                            |                     |
|----------------------------|---------------------|
| 1. Foods and Digestion     | 8. Quiz 3           |
| 2. Quiz 1                  | 9. Hygiene          |
| 3. Diet                    | 10. Quiz 4          |
| 4. Experiment: Food Record | 11. Special Project |
| 5. Quiz 2                  | 12. Test            |
| 6. Nutritional Diseases    | 13. Alternate Test  |
| 7. Essay: Nutrition        | 14. Reference       |

**GENERAL SCIENCE II**  
**UNIT 5: ENERGY (PART 1)**

**Assignment Titles**

- |                          |                                  |
|--------------------------|----------------------------------|
| 1. Mechanical Energy     | 8. Energy Conversion and Entropy |
| 2. Potential Energy      | 9. Essay: Entropy                |
| 3. Quiz 1                | 10. Quiz 3                       |
| 4. Other Forms of Energy | 11. Special Project              |
| 5. Chemical Energy       | 12. Test                         |
| 6. Atomic Energy         | 13. Alternate Test               |
| 7. Quiz 2                | 14. Reference                    |

**GENERAL SCIENCE II**  
**UNIT 6: ENERGY (PART 2)**

**Assignment Titles**

- |                              |                               |
|------------------------------|-------------------------------|
| 1. Magnetism                 | 8. Energy for the Future      |
| 2. Experiment: Magnetism     | 9. Experiment: Hot Dog Cooker |
| 3. Electricity and Magnetism | 10. Quiz 3                    |
| 4. Quiz 1                    | 11. Special Project           |
| 5. Electricity               | 12. Test                      |
| 6. Electrical Circuits       | 13. Alternate Test            |
| 7. Quiz 2                    | 14. Reference                 |

**GENERAL SCIENCE II**  
**UNIT 7: MACHINES (PART 1)**

**Assignment Titles**

- |                       |                     |
|-----------------------|---------------------|
| 1. Distance           | 8. Work             |
| 2. Essay: Scientists  | 9. Work and Energy  |
| 3. Measuring Distance | 10. Quiz 3          |
| 4. Quiz 1             | 11. Special Project |
| 5. Force              | 12. Test            |
| 6. Force Vectors      | 13. Alternate Test  |
| 7. Quiz 2             | 14. Reference       |

**GENERAL SCIENCE II  
UNIT 8: MACHINES (PART 2)**

**Assignment Titles**

- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| 1. Friction                           | 9. Quiz 3                            |
| 2. Types of Friction                  | 10. Inclined Plane, Wedge, and Screw |
| 3. Experiment: Friction Investigation | 11. Quiz 4                           |
| 4. Quiz 1                             | 12. Special Project                  |
| 5. Levers                             | 13. Test                             |
| 6. Quiz 2                             | 14. Alternate Test                   |
| 7. Wheel and Axle, Pulleys, and Gears | 15. Reference                        |
| 8. Experiment: Pencil Sharpener       |                                      |

**GENERAL SCIENCE II  
UNIT 9: BALANCE IN NATURE**

**Assignment Titles**

- |                            |                     |
|----------------------------|---------------------|
| 1. Photosynthesis and Food | 8. Resources        |
| 2. Food                    | 9. Quiz 3           |
| 3. Quiz 1                  | 10. Special Project |
| 4. Natural Cycles          | 11. Test            |
| 5. The Water Cycle         | 12. Alternate Test  |
| 6. Quiz 2                  | 13. Reference       |
| 7. Balance and Disruption  |                     |

**GENERAL SCIENCE II  
UNIT 10: SCIENCE AND TECHNOLOGY**

**Assignment Titles**

- |                               |   |
|-------------------------------|---|
| 1. Basic Science              | 10. Life Science                        |
| 2. Characteristics of Matter  | 11. Quiz 3                              |
| 3. Matter in Change           | 12. Vocations in Science and Technology |
| 4. Quiz 1                     | 13. Quiz 4                              |
| 5. Energy                     | 14. Special Project                     |
| 6. Chemical and Atomic Energy | 15. Test                                |
| 7. Magnetism and Electricity  | 16. Alternate Test                      |
| 8. Machines at Work           | 17. Reference                           |
| 9. Quiz 2                     |   |

## INTEGRATED PHYSICS AND CHEMISTRY

### COURSE OVERVIEW

Integrated Physics and Chemistry is a physical science course designed for high school students needing an entry-level science course covering basic concepts found in chemistry and physics. Topics included in this study are:

- matter,
- motion and forces,
- work and energy,
- electricity and magnetism, and
- waves.

Throughout the course, students will have opportunities to observe simulations, investigate ideas, and solve problems—both on screen and away from the computer.

The course seeks to help students expand their knowledge and skills so that they may achieve the following goals:

- Gain an understanding of foundational concepts in physics and chemistry.
- Make careful observations of the surrounding environment.
- Analyze problems and solutions scientifically.
- Integrate science knowledge with real world situations at local, regional, national, and international levels.
- Appreciate the impact of science discovery on everyday life.

INTEGRATED PHYSICS AND CHEMISTRY	
UNIT 1: EXPLORATIONS IN PHYSICAL SCIENCE	
Assignment Titles	
1. Course Overview	10. Mass and Density
2. What is Science?	11. Experiment: Determining Density
3. The Scientific Method	12. Experiment: Density Column
4. Experiment: Making Observations	13. Quiz 2: Measuring Matter
5. Quiz 1: Nature of Science	14. Special Project
6. The Metric System	15. Review
7. Scales	16. Test
8. Volume	17. Alternate Test
9. Experiment: Determining Volume	18. Glossary and Credits

INTEGRATED PHYSICS AND CHEMISTRY	
UNIT 2: THE STRUCTURE OF MATTER	
Assignment Titles	
1. The History of Atomic Theory	11. Mixtures
2. Experiment: Atomic Structure	12. Separating Mixtures
3. The Atomic Model	13. Experiment: Separating a Mixture
4. Quiz 1: Atomic Structure	14. Quiz 3: Mixtures
5. Elements and Their Properties	15. Special Project
6. The Periodic Table	16. Review
7. Trends on the Periodic Table	17. Test
8. Experiment: Identifying an Unknown	18. Alternate Test
9. Compounds	19. Glossary and Credits
10. Quiz 2: Pure Substances	

**INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 3: MATTER AND CHANGE**

**Assignment Titles**

- |   |                              |
|---|------------------------------|
| 1. States of Matter                             | 13. Quiz 2: Chemical Changes |
| 2. Changes of State                             | 14. Radioactivity            |
| 3. Experiment: Graphing Changes of State        | 15. Nuclear Reactions        |
| 4. Solutions - The Dissolving Process           | 16. Experiment: Half-Life    |
| 5. Acids and Bases                              | 17. Nuclear Energy           |
| 6. Experiment: The Cabbage Indicator            | 18. Quiz 3: Nuclear Changes  |
| 7. Quiz 1: Physical Changes                     | 19. Special Project          |
| 8. Chemical Bonding                             | 20. Review                   |
| 9. Atomic Structure and Bonding                 | 21. Test                     |
| 10. Experiment: Chemical Changes                | 22. Alternate Test           |
| 11. Chemical Reactions and Conservation of Mass | 23. Glossary and Credits     |
| 12. Types of Chemical Reactions                 |                              |

**INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 4: STATES OF MATTER**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Properties of Solids                                 | 11. Quiz 2: Liquids                         |
| 2. Experiment: Comparing Hardness and Density of Solids | 12. General Characteristics of Gases        |
| 3. Elasticity and Strength in Solids                    | 13. Pressure and Volume in Gases            |
| 4. Electrical Conductivity in Solids                    | 14. Experiment: Pressure in Gases           |
| 5. Quiz 1: Solids                                       | 15. Temperature and Volume Changes in Gases |
| 6. Characteristics of Liquids                           | 16. Quiz 3: Gases                           |
| 7. Experiment: Viscosity                                | 17. Special Project                         |
| 8. Pressure in Liquids                                  | 18. Review                                  |
| 9. Archimedes' Principle and Flotation                  | 19. Test                                    |
| 10. Liquids and Capillary Action                        | 20. Alternate Test                          |
|   | 21. Glossary and Credits                    |

**INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 5: MOTION AND FORCES**

**Assignment Titles**

- |                              |                            |
|------------------------------|----------------------------|
| 1. Distance and Displacement | 10. Newton's Laws          |
| 2. Speed and Velocity        | 11. Experiment: Propulsion |
| 3. Acceleration              | 12. Centripetal Force      |
| 4. Motion Graphs             | 13. Quiz 2: Forces         |
| 5. Experiment: Motion Graphs | 14. Special Project        |
| 6. Momentum                  | 15. Review                 |
| 7. Quiz 1: Motion            | 16. Test                   |
| 8. Forces                    | 17. Alternate Test         |
| 9. Friction                  | 18. Glossary and Credits   |

**INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 7: WORK AND ENERGY**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Forms of Energy                          | 10. Pulleys; Wheels and Axles           |
| 2. Work                                     | 11. Inclined Planes, Wedges, and Screws |
| 3. Mechanical Energy                        | 12. Experiment: Inclined Planes         |
| 4. Conservation of Energy                   | 13. Quiz 2: Simple Machines             |
| 5. Experiment: Potential and Kinetic Energy | 14. Special Project                     |
| 6. Power                                    | 15. Review                              |
| 7. Quiz 1: Work, Energy, and Power          | 16. Test                                |
| 8. Simple Machines; Levers                  | 17. Alternate Test                      |
| 9. Mechanical Advantage and Efficiency      | 18. Glossary and Credits                |

**INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 8: HEAT FLOW**

**Assignment Titles**

- |                                   |                                      |
|-----------------------------------|--------------------------------------|
| 1. Thermodynamics and Entropy     | 9. Heat Engines                      |
| 2. Specific Heat Capacity         | 10. Quiz 2: Heat Flow and Technology |
| 3. Heat Flow                      | 11. Special Project                  |
| 4. Experiment: Insulators         | 12. Review                           |
| 5. Quiz 1: Energy Transfer        | 13. Test                             |
| 6. Heating Systems                | 14. Alternate Test                   |
| 7. Experiment: Heat and Expansion | 15. Glossary and Credits             |
| 8. Cooling and Refrigeration      |                                      |

**INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 9: ELECTRICITY AND MAGNETISM**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Electric Charges                         | 10. Experiment: Diverting a Magnetic Field |
| 2. Static Electricity                       | 11. Magnetic Fields in Space               |
| 3. Experiment: Electrostatic Investigations | 12. Quiz 2: Magnetism                      |
| 4. Electric Current                         | 13. Special Project                        |
| 5. Circuits                                 | 14. Review                                 |
| 6. Electrical Energy and Power              | 15. Test                                   |
| 7. Quiz 1: Electricity                      | 16. Alternate Test                         |
| 8. Magnetism                                | 17. Glossary and Credits                   |
| 9. Magnetism and Electricity                |  |

**INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 10: WAVES**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Waves and Energy Transfer                     | 13. Light and the Electromagnetic Spectrum |
| 2. Types of Waves                                | 14. Properties of Light                    |
| 3. Properties of Waves                           | 15. Reflection and Mirrors                 |
| 4. Experiment: Changing the Speed of a Wave      | 16. Experiment: Law of Reflection          |
| 5. The Behavior of Waves                         | 17. Lenses                                 |
| 6. Quiz 1: Wave Characteristics and Properties   | 18. Quiz 3: Light                          |
| 7. Sound Vibrations                              | 19. Special Project                        |
| 8. Detecting Sound                               | 20. Review                                 |
| 9. Experiment: Using Vibrations to Produce Sound | 21. Test                                   |
| 10. Doppler Effect                               | 22. Alternate Test                         |
| 11. Beats, Resonance, and Harmonics              | 23. Glossary and Credits                   |
| 12. Quiz 2: Sound                                |  |

INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 11: CHEMISTRY AND PHYSICS IN OUR WORLD

Assignment Titles

- |  |                                    |
|--|------------------------------------|
| 1. Carbon Dioxide and Global Warming             | 9. Experiment: Kepler's Second Law |
| 2. Experiment: Carbon Dioxide and Water Acidity  | 10. Quiz 2: Space Physics          |
| 3. Fossil Fuels' Effect on the Environment       | 11. Special Project                |
| 4. Experiment: Water Acidity and the Environment | 12. Review                         |
| 5. Quiz 1: Environmental Chemistry               | 13. Test                           |
| 6. Atomic Spectra and Moving Stars               | 14. Alternate Test                 |
| 7. The Temperature of Stars                      | 15. Glossary and Credits           |
| 8. Kepler and the Motion of the Spheres          |                                    |

INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 12: SEMESTER REVIEW AND EXAM

Assignment Titles

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

INTEGRATED PHYSICS AND CHEMISTRY  
UNIT 13: FINAL EXAM

Assignment Titles

- |                            |                            |
|----------------------------|----------------------------|
| 1. Exam                    | 3. Alternate Exam - Form B |
| 2. Alternate Exam - Form A |                            |

## BIOLOGY

### COURSE OVERVIEW

Biology is intended to expose students to the designs and patterns of living organisms that have been created by God. In preceding years, students should have developed a foundational understanding of life sciences. This biology course will expand upon that knowledge and incorporate more abstract knowledge. The student's understanding should encompass both the micro and macro aspects of life and this biology course includes both. The major concepts covered are taxonomy, the chemical basis of life, cellular structure and function, genetics, microbiology, botany, human anatomy and physiology, and ecological principles.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Biology should be preceded or accompanied by an Algebra I course.

Upon completion of the course, students should be able to do the following:

- Classify different animals using taxonomy.
- Demonstrate a knowledge of molecular structure as it relates to organic compounds.
- Use a microscope to study microscopic organisms.
- Describe cells, their different parts, and the function of a cell.
- Discuss the different parts of a plant.
- Describe and explain the function of each system in the human body.
- Perform Punnett square functions to determine probability of inheritance.
- Differentiate between mitosis and meiosis and between asexual and sexual reproduction.
- Understand the impact man has on the environment.

BIOLOGY	
UNIT 1: TAXONOMY: KEY TO ORGANIZATION	
Assignment Titles	
1. Course Overview	12. Quiz 3
2. The History of Taxonomy	13. Taxonomy and Origins
3. Quiz 1	14. Models of Origin
4. Binomial Nomenclature	15. Project: Research
5. Concept of Species	16. Project: Origins
6. Quiz 2	17. Quiz 4
7. Plant and Animal Classification	18. Special Project
8. Experiment: Fruit	19. Test
9. Activity: Keying Plants	20. Alternate Test
10. Activity: Keying Animals	21. Reference
11. Search For A System	

BIOLOGY	
UNIT 2: CHEMISTRY OF LIFE	
Assignment Titles	
1. Molecular Basis of Life	14. Carbohydrates
2. Quiz 1	15. Experiment: Starch
3. Properties of Compounds	16. Lipids
4. Experiment: Static Electricity	17. Nucleic Acids
5. Covalent Bonding	18. Quiz 4
6. Experiment: Temperature Control	19. Enzymes
7. Importance of Inorganic Compounds	20. Experiment: Digestion
8. Experiment: Water Properties	21. Quiz 5
9. Experiment: Indicators	22. Special Project
10. Quiz 2	23. Test
11. Chemical Reactions	24. Alternate Test
12. Quiz 3	25. Reference
13. Organic Compounds	



**BIOLOGY**  
**UNIT 3: CELLS**

**Assignment Titles**

- |   |                                   |
|---|-----------------------------------|
| 1. The Cell-An Introduction                   | 11. Production of Needed Material |
| 2. The Microscope                             | 12. Quiz 2                        |
| 3. Experiment: Introducing the Microscope     | 13. Cells in Organisms            |
| 4. Experiment: Plant, Animal, and Algae Cells | 14. Experiment: Tissues           |
| 5. Experiment: Onion Cells                    | 15. Quiz 3                        |
| 6. Quiz 1                                     | 16. Special Project               |
| 7. Cell Design                                | 17. Test                          |
| 8. Cell Membrane Function                     | 18. Alternate Test                |
| 9. Experiment: Osmosis                        | 19. Reference                     |
| 10. Organelles                                |                                   |

**BIOLOGY**  
**UNIT 4: CELL DIVISION AND REPRODUCTION**

**Assignment Titles**

- |                                      |                                    |
|--------------------------------------|------------------------------------|
| 1. Cell Division                     | 16. Quiz 3                         |
| 2. Meiosis                           | 17. Sexual Reproduction in Animals |
| 3. Stages of Mitosis                 | 18. Experiment: Tissue Structure   |
| 4. Experiment: Mitosis               | 19. Metamorphosis                  |
| 5. Quiz 1                            | 20. Quiz 4                         |
| 6. Asexual Reproduction              | 21. Sexual Reproduction in Plants  |
| 7. Experiment: Regeneration          | 22. Life Cycles of Ferns and Pines |
| 8. Plants                            | 23. Experiment: Ferns and Pines    |
| 9. Experiment: Bulb Structure        | 24. Experiment: Flowers            |
| 10. Practical Applications in Plants | 25. Quiz 5                         |
| 11. Experiment: Cuttings             | 26. Special Project                |
| 12. Quiz 2                           | 27. Test                           |
| 13. Sexual Reproduction              | 28. Alternate Test                 |
| 14. Fertilization                    | 29. Reference                      |
| 15. Experiment: Sexual Reproduction  |                                    |

**BIOLOGY**  
**UNIT 5: GENETICS: GOD'S PLAN OF INHERITANCE**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. Genetics: God's Plan of Inheritance | 12. Experiment: Molecular Genetics |
| 2. Probabilities                       | 13. Quiz 3                         |
| 3. Experiment: Probability             | 14. Human Genetics                 |
| 4. Cross Predictions                   | 15. Factors Studied                |
| 5. Application of Mendelian Genetics   | 16. Inherited Diseases             |
| 6. Quiz 1                              | 17. Quiz 4                         |
| 7. Chromosome Basis of Heredity        | 18. Special Project                |
| 8. Chromosomes in Meiosis              | 19. Test                           |
| 9. Sex Chromosomes                     | 20. Alternate Test                 |
| 10. Quiz 2                             | 21. Reference                      |
| 11. Molecular Genetics                 |                                    |

**BIOLOGY**  
**UNIT 6: MICROBIOLOGY**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Microbial Taxonomy                       | 12. Eubacteria  |
| 2. Fungi                                    | 13. Activity: Pathogenic Bacteria Report                      |
| 3. Experiment: Fungus All Around (Part 1)   | 14. Archaea   |
| 4. Experiment: Fungus All Around (Part 2)   | 15. Viruses, Prions, and Viroids                              |
| 5. Quiz 1: Microbial Taxonomy and Fungi     | 16. Experiment: Algae Observations                            |
| 6. Animal-like Protists                     | 17. Quiz 4: Eubacteria, Archaea, Viruses, Prions, and Viroids |
| 7. Experiment: Protozoan Culture            | 18. Special Project   |
| 8. Quiz 2: Animal-like Protists             | 19. Test: Microbiology  |
| 9. Plant-like Protists (Algae)              | 20. Alternate Test: Microbiology                              |
| 10. Fungus-like Protists                    | 21. Reference   |
| 11. Quiz 3: Plant- and Fungus-like Protists |   |

**BIOLOGY**  
**UNIT 7: PLANTS: GREEN FACTORIES**

**Assignment Titles**

- |                                   |                                |
|-----------------------------------|--------------------------------|
| 1. How Is a Plant Made?           | 11. Experiment: Terrarium      |
| 2. Parts of the Plant Cell        | 12. Respiration                |
| 3. Anatomy and Morphology         | 13. Quiz 3                     |
| 4. Quiz 1                         | 14. How do Plants Help People? |
| 5. How do Plants Grow?            | 15. Quiz 4                     |
| 6. Experiment: Seeds              | 16. Special Project            |
| 7. Developmental Anatomy          | 17. Test                       |
| 8. Quiz 2                         | 18. Alternate Test             |
| 9. How do Plants Work?            | 19. Reference                  |
| 10. Photosynthesis: A Closer Look |                                |

**BIOLOGY**  
**UNIT 8: HUMAN ANATOMY AND PHYSIOLOGY**

**Assignment Titles**

- |                              |  |
|------------------------------|--|
| 1. Digestive System          | 12. Quiz 2                                 |
| 2. Excretory System          | 13. Environmental Interactions             |
| 3. Respiratory System        | 14. Sensory Systems: The Eye               |
| 4. Circulatory System        | 15. Sensory Systems: Hearing, Taste, Touch |
| 5. The Heart                 | 16. Endocrine System                       |
| 6. Experiment: Heart Rate    | 17. Immune System and Disease              |
| 7. Quiz 1                    | 18. Quiz 3                                 |
| 8. Body Framework            | 19. Special Project                        |
| 9. Muscular System           | 20. Test                                   |
| 10. Experiment: Muscle Types | 21. Alternate Test                         |
| 11. Reproductive System      | 22. Reference                              |

**BIOLOGY**  
**UNIT 9: ECOLOGY, POLLUTION, AND ENERGY**

**Assignment Titles**

- |                             |                               |
|-----------------------------|-------------------------------|
| 1. Principles of Ecology    | 12. Pollution Affects Ecology |
| 2. Environmental Factors    | 13. Pollution Problems        |
| 3. Food Chains              | 14. Quiz 3                    |
| 4. Quiz 1                   | 15. Energy Affects Ecology    |
| 5. Ecological Relationships | 16. Essay: Stewardship        |
| 6. Communities and Habitats | 17. Quiz 4                    |
| 7. Experiment: Habitats     | 18. Special Project           |
| 8. Experiment: Biomes       | 19. Test                      |
| 9. Experiment: Quadrats     | 20. Alternate Test            |
| 10. Experiment: Inventory   | 21. Reference                 |
| 11. Quiz 2                  |                               |

**BIOLOGY**  
**UNIT 10: PRINCIPLES AND APPLICATIONS OF BIOLOGY**

**Assignment Titles**

- |                             |                            |
|-----------------------------|----------------------------|
| 1. Study of Life            | 8. Applications of Biology |
| 2. Definition of Life       | 9. Green Revolution        |
| 3. Quiz 1                   | 10. Quiz 3                 |
| 4. Basic Principles of Life | 11. Special Project        |
| 5. Control System           | 12. Test                   |
| 6. Environment of Life      | 13. Alternate Test         |
| 7. Quiz 2                   | 14. Reference              |

## CHEMISTRY

### COURSE OVERVIEW

Chemistry is intended to expose students to the designs and patterns in the world that God has created. In preceding years, students should have developed an understanding for the macroscopic properties of substances and been introduced to the microstructure of substances. This chemistry course will expand upon that knowledge, further develop the microstructure of substances, and teach the symbolic and mathematical world of formulas, equations, and symbols. The major concepts covered are measurement, atomic structure, chemical formulas and bonding, chemical reactions, stoichiometry, gases, chemical equilibrium, and organic chemistry.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Chemistry should be preceded by an Algebra I course and preceded or accompanied by an Algebra II course

Upon completion of the course, students should be able to do the following:

- Calculate and convert units using scientific notation and significant figures.
- Explain the differences between elements, compounds, and mixtures.
- Use Avogadro's number and the gas laws to calculate different variables in chemistry examples.
- Explain and use the periodic table.
- Recognize symbols for common elements.
- Differentiate between the different types of bonds.
- Predict how different elements will react.
- Describe acid-base reactions and redox reactions.
- Demonstrate an understanding of organic chemistry and carbon compounds.

CHEMISTRY	
UNIT 1: MEASUREMENT AND ANALYSIS	
Assignment Titles	
1. Course Overview	13. Experiment: Density
2. An Introduction to Chemistry and Metric Measurement	14. Quiz 3: Measurement and Precision
3. Report: Metric System	15. Observation and Hypothesizing
4. Quiz 1: Metric Conversions	16. Learning to Make Useful and Detailed Observations
5. Showing Precision in Measurements	17. Using Graphs to Analyze Data
6. Using Significant Figures to Show the Reliability of Data	18. Project: Tutorial for Making a Scatter Plot Using an Electronic Spreadsheet Program
7. Using Scientific Notation with Significant Figures	19. Quiz 4: Measurement to Graphs
8. Quiz 2: Precision, Significant Figures, and Scientific Notation	20. Doing Chemistry Your Way: Find Your Future
9. Measuring Volume in the Chemistry Laboratory	21. Quiz 5: Chapter Review
10. Practice in Measuring Metric Volumes	22. Special Project
11. Measuring Mass in the Chemistry Laboratory	23. Test
12. Project: Measuring Length with Precision	24. Alternate Test
	25. Reference

CHEMISTRY UNIT 2: STARTING THE INVESTIGATION: HOW TO IDENTIFY ELEMENTS, COMPOUNDS, AND MIXTURES	
Assignment Titles	
1. The Basic Ingredient: Chemical Elements	8. Report: Density
2. Quiz 1: Elements, Chemical and Physical Properties	9. Identifying Different Types of Mixtures
3. Using Chemical and Physical Properties to Identify Substances	10. Experiment: Using the Tyndall Effect to Identify Colloids
4. Experiment: Observations of a Phase Change	11. Quiz 3: Chapter Review
5. Experiment: Salt and Sand	12. Special Project
6. Creating Compounds: Investigating Chemical Changes	13. Test
7. Quiz 2: Elements to Compounds and Chemical Changes	14. Alternate Test
	15. Reference

CHEMISTRY UNIT 3: EXPLORING LAWS FOR GASES AND CONSERVATION OF MASS	
Assignment Titles	
1. Nothing Stays Put - The Basis for Diffusion and Pressure	12. Combined Gas Law
2. Gases and Kinetic Molecular Theory	13. Quiz 4: Diffusion to Combined Gas Law
3. Project: Graphing Kinetic Energy	14. Counting Gas Particles: The Measure of the Mole
4. Quiz 1: Diffusion and Kinetic Molecular Theory	15. How Big is a Mole? Avogadro's Number
5. Pressure-Volume Relationships in Gases (Boyle's Law)	16. Demonstrating Conservation of Mass with Balanced Equations
6. Quiz 2: Diffusion to P-V Relationships in Gases	17. Essay: Biography
7. Temperature-Volume Relationships in Gases (Charles' Law)	18. Project: Examining the Use of Certain Gases as Propellants
8. Experiment: Finding Absolute Zero Experimentally	19. Quiz 5: Chapter Review
9. Experiment: Charles' Law and a Metal Can	20. Special Project
10. Project: Absolute Zero: Real or Theoretical?	21. Test
11. Quiz 3: Diffusion to V-T Relationships in Gases	22. Alternate Test
	23. Reference

CHEMISTRY UNIT 4: THE DISCOVERY OF ATOMS: NATURE'S BUILDING BLOCKS	
Assignment Titles	
1. The Golden Years of Chemistry	10. Charging Up: Ionization of Atoms
2. Experiment: Physical Properties of Elements	11. Quiz 4: Golden Years to Ionization
3. Experiment: Chemical Properties of Some Metals	12. A Closer Look Inside: Nuclear Reactions
4. Masters of Classic Atomic Theory	13. Report: Fission Reactors
5. Quiz 1: Golden Years to Masters	14. Quiz 5: Chapter Review
6. Designing an Organizational Map: The Periodic Table	15. Special Project
7. Quiz 2: Golden Years to Periodic Table	16. Test
8. The Bohr Model Revisited	17. Alternate Test
9. Quiz 3: Golden Years to Bohr Model	18. Reference

CHEMISTRY UNIT 5: MOLECULAR STRUCTURE	
Assignment Titles	
1. Chemical Accounting: Stoichiometry	8. Polar Covalent Molecules and Dot Structures
2. Valence Structure	9. Experiment: Demonstrating Polar Properties
3. Quiz 1: Stoichiometry to Valence	10. Quiz 3: Chapter Review
4. Determining Chemical Formulas	11. Special Project
5. Electron Availability: Prelude to Bonding	12. Test
6. Quiz 2: Stoichiometry to Prelude to Bonding	13. Alternate Test
7. Types of Chemical Bonds	14. Reference

CHEMISTRY UNIT 6: SEMESTER REVIEW AND EXAM	
Assignment Titles	
1. Review	3. Alternate Exam - Form A
2. Exam	4. Alternate Exam - Form B

**CHEMISTRY**  
**UNIT 7: CHEMICAL REACTIONS, RATES AND EQUILIBRIUM**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Evidence for Chemical Change                                  | 10. Factors that Affect Reaction Rate: Temperature, Catalysts, Concentration of Reactants |
| 2. Experiment: Observing Chemical Changes                        | 11. Quiz 2: Chemical Change to Reaction Rate  |
| 3. Experiment: Chemical Reactions                                | 12. Reaction Equilibria and Equilibrium Constants   |
| 4. Experiment: Ammonium Nitrate                                  | 13. Activity: Exploring Factors that Affect Equilibrium                                   |
| 5. Enthalpy of Reaction  | 14. Conditions Affecting Equilibrium  |
| 6. Using Gibbs Free Energy to Predict Spontaneous Reactions      | 15. Quiz 3: Chapter Review  |
| 7. Quiz 1: Chemical Change to Entropy and Gibbs Free Energy      | 16. Special Project   |
| 8. Factors that Affect Reaction Rates: Solution Concentration    | 17. Test  |
| 9. Experiment: Effect of Solution Concentration on Reaction Rate | 18. Alternate Test  |
|  | 19. Reference   |

**CHEMISTRY**  
**UNIT 8: EQUILIBRIUM SYSTEMS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Chemist's Toolbox                       | 13. pH Scale  |
| 2. Solutions                               | 14. Titration of Acids and Bases                      |
| 3. Solution Concentration: Molarity        | 15. Quiz 3: Toolbox to Titration                      |
| 4. Electrical Nature of Solutions          | 16. Redox Equilibria                                  |
| 5. Solubility                              | 17. Redox and Oxidation Potentials                    |
| 6. Quiz 1: Toolbox TO Solubility           | 18. Activity: Solution Concentration vs. Conductivity |
| 7. The Dissolving Process                  | 19. pH Calculations                                   |
| 8. Experiment: Solubility Trends           | 20. Quiz 4: Chapter Review                            |
| 9. The Solubility Constant                 | 21. Special Project                                   |
| 10. Quiz 2: Toolbox to Solubility Constant | 22. Test  |
| 11. Acid-Base Equilibria                   | 23. Alternate Test                                    |
| 12. Experiment: Acid Strength              | 24. Reference   |

**CHEMISTRY**  
**UNIT 9: CARBON CHEMISTRY: HYDROCARBONS**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. Organic Compounds                           | 8. Alkanes: Saturated Hydrocarbons |
| 2. Sources of Organic Compounds                | 9. Unsaturated Hydrocarbons        |
| 3. Experiment: Volatility                      | 10. Quiz 3: Chapter Review         |
| 4. Quiz 1: Organic Compounds and Their Sources | 11. Special Project                |
| 5. A Closer Look at the Carbon Atom            | 12. Test                           |
| 6. Bonding in Organic Compounds                | 13. Alternate Test                 |
| 7. Quiz 2: Organic Compounds to Bonding        | 14. Reference                      |

**CHEMISTRY**  
**UNIT 10: CARBON CHEMISTRY: FUNCTIONAL GROUPS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Common Reactions of Saturated Hydrocarbons                            | 8. Nitrogen Functional Groups            |
| 2. Reactions of Unsaturated Hydrocarbons                                 | 9. Proteins and Amino Acids              |
| 3. Quiz 1: Reactions of Saturated and Unsaturated Hydrocarbons           | 10. Experiment: Preparation of a Polymer |
| 4. Alcohols  | 11. Quiz 3: Chapter Review               |
| 5. Aldehydes, Acids, and Ketones   | 12. Special Project                      |
| 6. Esters  | 13. Test                                 |
| 7. Quiz 2: Reactions of Saturated and Unsaturated Hydrocarbons to Esters | 14. Alternate Test                       |
|  | 15. Reference                            |

**CHEMISTRY  
UNIT 11: CHEMISTRY REVIEW****Assignment Titles**

- |  |                            |
|--|----------------------------|
| 1. Measurement and Analysis                    | 12. Solutions              |
| 2. Scientific Analysis and Significant Figures | 13. Solubility Equilibrium |
| 3. Elements, Compounds, and Mixtures           | 14. Neutralization         |
| 4. Gases and Moles                             | 15. Organic Compounds      |
| 5. Quiz 1: Measurement to Gases and Moles      | 16. Hydrocarbon Chemistry  |
| 6. Atomic Structure and Nuclear Reactions      | 17. Quiz 3: Chapter Review |
| 7. The Periodic Law                            | 18. Special Project        |
| 8. Molecular Structure                         | 19. Test                   |
| 9. Chemical Reactions, Rates, and Equilibrium  | 20. Alternate Test         |
| 10. Reaction Dynamics                          | 21. Reference              |
| 11. Quiz 2: Measurement to Reaction Dynamics   |                            |

**CHEMISTRY  
UNIT 12: SEMESTER REVIEW AND TEST****Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**CHEMISTRY  
UNIT 13: FINAL EXAM****Assignment Titles**

- |                            |                            |
|----------------------------|----------------------------|
| 1. Exam                    | 3. Alternate Exam - Form B |
| 2. Alternate Exam - Form A |                            |

## PHYSICS

### COURSE OVERVIEW

Physics is intended to expose students to the design and order in the world that God has created. In preceding years, students should have developed a basic understanding of the macroscopic and microscopic world of forces, motion, waves, light, and electricity. The physics course will expand upon that prior knowledge and further develop both. The curriculum will also seek to teach the symbolic and mathematical world of formulas and symbols used in physics. The major concepts covered are kinematics, forces and motion, work and energy, sound and light waves, electricity and magnetism, and nuclear physics.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Physics should be preceded by Algebra I and II courses and geometry.

Upon completion of the course, students should be able to do the following:

- Use scalars and vectors to visualize and calculate concepts of motion.
- Articulate Newton's and Kepler's laws of motion.
- Demonstrate an understanding of how energy is transferred and changed from one form to another.
- Describe how sound and light waves act and react.
- Differentiate between static and current electricity and describe each one.
- Know the relationship between magnetism and electricity.
- Have a general understanding of atomic theory, including fusion and fission.

PHYSICS UNIT 1: KINEMATICS	
Assignment Titles	
1. Course Overview	12. Experiment: Determining Reaction Time
2. Introduction to the Language of Physics	13. Quiz 4: Acceleration and Acceleration Due to Gravity
3. Experiment: Making a Soda Straw Balance	14. Vectors
4. Experiment: Making a Simple Model of the Solar System	15. Projectiles
5. Quiz 1: Measurements	16. Experiment: Projectile Motion
6. Scalars and Vectors	17. Quiz 5: Review
7. Quiz 2: Scalars and Vectors	18. Special Project
8. Speed and Velocity	19. Review Game
9. Project: Tutorial for Making a Scatter Plot Using an Electronic Spreadsheet Program	20. Test
10. Quiz 3: Speed and Velocity	21. Alternate Test
11. Acceleration and Acceleration Due to Gravity	22. Reference

PHYSICS UNIT 2: DYNAMICS	
Assignment Titles	
1. Newton's First and Second Laws	11. Quiz 4
2. Report: Isaac Newton	12. Kepler's Laws of Planetary Motion
3. Quiz 1	13. Report: Solar System
4. Gravity	14. Experiment: Kepler's Law
5. Quiz 2	15. Quiz 5
6. Uniform Circular Motion	16. Special Project
7. Experiment: Circular Motion	17. Review Game
8. Quiz 3	18. Test
9. Newton's Third Law and Conservation of Momentum	19. Alternate Test
10. Experiment: Collisions	20. Reference

**PHYSICS**  
**UNIT 3: WORK AND ENERGY**

**Assignment Titles**

- |  |                             |
|--|-----------------------------|
| 1. Work, Kinetic, and Potential Energy | 10. Experiment: Latent Heat |
| 2. Report: Nuclear Energy              | 11. Laws of Thermodynamics  |
| 3. Quiz 1                              | 12. Quiz 3                  |
| 4. Conservation of Energy              | 13. Special Project         |
| 5. Power and Efficiency                | 14. Review Game             |
| 6. Experiment: Simple Machines         | 15. Test                    |
| 7. Quiz 2                              | 16. Alternate Test          |
| 8. Heat Energy                         | 17. Reference               |
| 9. Latent Heat                         |                             |

**PHYSICS**  
**UNIT 4: INTRODUCTION TO WAVES**

**Assignment Titles**

- |                              |                                |
|------------------------------|--------------------------------|
| 1. Characteristics of Waves  | 9. Sound Waves                 |
| 2. Experiment: Wave Speeds   | 10. Experiment: Doppler Effect |
| 3. Experiment: Pulses        | 11. Quiz 3                     |
| 4. Quiz 1                    | 12. Special Project            |
| 5. Wave Phenomena            | 13. Review Game                |
| 6. Experiment: Waves         | 14. Test                       |
| 7. Experiment: Bending Waves | 15. Alternate Test             |
| 8. Quiz 2                    | 16. Reference                  |

**PHYSICS**  
**UNIT 5: LIGHT**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Speed of Light: Historical Calculations | 10. Light Phenomena and Models of Light |
| 2. Properties of Light                     | 11. Experiment: Light Observations      |
| 3. Experiment: Light Angles                | 12. Quiz 3                              |
| 4. Experiment: Water Refraction            | 13. Special Project                     |
| 5. Quiz 1                                  | 14. Review Game                         |
| 6. Mirrors                                 | 15. Test                                |
| 7. Experiment: Convergence                 | 16. Alternate Test                      |
| 8. Lenses                                  | 17. Reference                           |
| 9. Quiz 2                                  |   |

**PHYSICS**  
**UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**PHYSICS**  
**UNIT 7: STATIC ELECTRICITY**

**Assignment Titles**

- |                                   |                         |
|-----------------------------------|-------------------------|
| 1. Electric Charges               | 9. Potential and Energy |
| 2. Coulomb's Law                  | 10. Quiz 3              |
| 3. Experiment: Static Electricity | 11. Special Project     |
| 4. The Transfer of Charges        | 12. Review Game         |
| 5. Quiz 1                         | 13. Test                |
| 6. Electric Fields                | 14. Alternate Test      |
| 7. Quiz 2                         | 15. Reference           |
| 8. Electric Potential             |                         |



**PHYSICS**  
**UNIT 8: ELECTRIC CURRENTS**

**Assignment Titles**

- |                                 |                     |
|---------------------------------|---------------------|
| 1. Sources of EMF               | 8. Circuits         |
| 2. Project: Research and Report | 9. Quiz 3           |
| 3. Fluid Flow                   | 10. Special Project |
| 4. Quiz 1                       | 11. Review Game     |
| 5. Resistance                   | 12. Test            |
| 6. Quiz 2                       | 13. Alternate Test  |
| 7. Ohm's Law                    | 14. Reference       |

**PHYSICS**  
**UNIT 9: MAGNETISM**

**Assignment Titles**

- |  |                     |
|--|---------------------|
| 1. Fields and Forces                   | 9. Electron Beams   |
| 2. Experiment: Magnetic Fields         | 10. Quiz 3          |
| 3. Forces                              | 11. Special Project |
| 4. Quiz 1                              | 12. Review Game     |
| 5. Electromagnetism                    | 13. Test            |
| 6. Experiment: Induced Magnetic Fields | 14. Alternate Test  |
| 7. Electromagnetic Induction           | 15. Reference       |
| 8. Quiz 2                              |                     |

**PHYSICS**  
**UNIT 10: ATOMIC AND NUCLEAR PHYSICS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Quantum Theory                                      | 9. Nuclear Reactions                          |
| 2. X-Rays, Matter Waves, and the Uncertainty Principle | 10. Fusion and Applications of Nuclear Energy |
| 3. Quiz 1  | 11. Quiz 3                                    |
| 4. Early Atomic Models                                 | 12. Special Project                           |
| 5. Report: Early Atomic Physics                        | 13. Review Game                               |
| 6. Bohr Model  | 14. Test                                      |
| 7. Nuclear Theory                                      | 15. Alternate Test                            |
| 8. Quiz 2  | 16. Reference                                 |

**PHYSICS**  
**UNIT 11: REVIEW**

**Assignment Titles**

- |                              |                     |
|------------------------------|---------------------|
| 1. Mechanics                 | 12. Modern Physics  |
| 2. Dynamics                  | 13. The Bohr Atom   |
| 3. Energy                    | 14. Duality         |
| 4. Quiz 1                    | 15. Nuclear Energy  |
| 5. Wave Motion               | 16. Quiz 4          |
| 6. Light and Sound           | 17. Special Project |
| 7. Quiz 2                    | 18. Review Game     |
| 8. Electricity and Magnetism | 19. Test            |
| 9. Fields and Forces         | 20. Alternate Test  |
| 10. Circuits                 | 21. Reference       |
| 11. Quiz 3                   |                     |

**PHYSICS**  
**UNIT 12: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

**PHYSICS**  
**UNIT 13: FINAL EXAM**

**Assignment Titles**

- |                            |                            |
|----------------------------|----------------------------|
| 1. Exam                    | 3. Alternate Exam - Form B |
| 2. Alternate Exam - Form A |                            |

## ADVANCE PLACEMENT

### CALCULUS

#### COURSE OVERVIEW

AP Calculus is a full-year, high school credit course that is intended for the student who has successfully mastered a minimum of four high school level mathematics courses that cover analytical and conceptual algebra (with heavy emphasis on functions), coordinate and plane geometry, and trigonometric functions. It is highly recommended that the student successfully complete pre-calculus as a prerequisite. The course primarily focuses on the skills and methods of analyzing graphical behavior of functions, the definition of a derivative as well as applications of derivatives, integration and their relationships with the graphical function.

Upon successfully completing the course, the student should have mastered the following concepts:

- Perform operations on functions including composition and inverses.
- Using calculation and estimation to evaluate limits.
- Analyze infinite limits and the correlation between their values and the graph's behavior; estimate and understand discontinuity and continuous functions.
- Compute the derivative of a function using the power rule, product and quotient rule, chain rule and all trigonometric rules.
- Use the concept of a derivative to interpret a function's rate of change and continuity; construct the equation of a line tangent to a curve; evaluate the intervals for which a function is increasing or decreasing.
- Interpret the Mean Value Theorem.
- Evaluate the second derivative and find the points of inflection.
- Utilize the derivative through application problems involving area under a curve, velocity, acceleration and speed.
- Evaluate a definite integral using the Fundamental Theorem of Calculus, Riemann Sums, and the rate of change formula.

Some assignments in this course require the use of resources that must be supplied by the user. These outside resources are listed below by assignment.

- Textbook: *Calculus of a Single Variable* by Ron Larson, Robert Hostettler, and Bruce Edwards (Boston: Houghton Mifflin, 2002; ISBN 0-618-14916-3)
- Scratch Paper/Notebook
- Scientific or Graphing Calculator
- Graph Paper-Coordinate
- Scanner, for scanning handwritten problems and solutions that student will upload for lessons

Suggested Resources for Teachers:

- *Complete Solutions Guide*, Volume 1, by Bruce H. Edwards (University of Florida), ISBN-10: 0618149317
- *Complete Solutions Guide*, Volume 2, by Bruce H. Edwards (University of Florida), ISBN-10: 0618149325
- *Instructor's Resource Guide*, by Ann Rutledge Kraus (The Pennsylvania State University, The Behrend College), ISBN-10: 0618149309

About AP\* Central and the College Board

*AP\* can change your life. Through college-level AP\* courses, you enter a universe of knowledge that might otherwise remain unexplored in high school; through AP\* Exams, you have the opportunity to earn credit or advanced standing at most of the nation's colleges and universities. —from the AP\* Web page at CollegeBoard.com*

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[http://www.collegeboard.com/student/testing/ap/sub\\_englang.html?englang](http://www.collegeboard.com/student/testing/ap/sub_englang.html?englang)

**CALCULUS (FOR USE WITH AP\* COURSES)**  
**UNIT 1: GRAPHS AND LIMITS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Course Overview                             | 13. Limit Proofs                             |
| 2. Course Introduction                         | 14. Evaluating Limits Analytically           |
| 3. Fermat's Method Part 1                      | 15. Squeeze Theorem with Trigonometry Review |
| 4. Fermat's Method Part 2                      | 16. Quiz 2 Review                            |
| 5. Graphs and Models                           | 17. Quiz 2                                   |
| 6. Linear Models and Rates of Change           | 18. Continuity and One-Sided Limits          |
| 7. Functions and Their Graphs                  | 19. Intermediate Value Theorem               |
| 8. Quiz 1 Review                               | 20. Infinite Limits                          |
| 9. Quiz 1                                      | 21. Chapter 1 Review                         |
| 10. Calculus Preview                           | 22. Special Project                          |
| 11. Finding Limits Graphically and Numerically | 23. Chapter 1 Test                           |
| 12. Epsilon-Delta Definition of a Limit        |  |

**CALCULUS (FOR USE WITH AP\* COURSES)**  
**UNIT 2: DERIVATIVES**

**Assignment Titles**

- |   |                              |
|---|------------------------------|
| 1. Definition of the Derivative           | 10. Product Rule             |
| 2. Derivatives on the Graphing Calculator | 11. Quotient Rule            |
| 3. Drawing Derivatives                    | 12. Higher-Order Derivatives |
| 4. Alternate Form of the Derivative       | 13. Chain Rule               |
| 5. Differentiation Rules                  | 14. Implicit Differentiation |
| 6. Derivatives of Sine and Cosine         | 15. Chapter 2 Review         |
| 7. Slope as a Rate of Change              | 16. Special Project          |
| 8. Quiz 3 Review                          | 17. Chapter 2 Test           |
| 9. Quiz 3                                 |                              |

**CALCULUS (FOR USE WITH AP\* COURSES)**  
**UNIT 3: RELATED RATES**

**Assignment Titles**

- |                    |                         |
|--------------------|-------------------------|
| 1. Related Rates 1 | 5. Related Rates 5      |
| 2. Related Rates 2 | 6. Related Rates Review |
| 3. Related Rates 3 | 7. Special Project      |
| 4. Related Rates 4 | 8. Related Rates Test   |

**CALCULUS (FOR USE WITH AP\* COURSES)**  
**UNIT 4: DERIVATIVE TESTS**

**Assignment Titles**

- |   |                                    |
|---|------------------------------------|
| 1. Extrema on an Interval                     | 9. Chapter 3 Review                |
| 2. Rolle's Theorem and the Mean Value Theorem | 10. Special Project                |
| 3. First Derivative Test                      | 11. Chapter 3 Test                 |
| 4. Quiz 4 Review                              | 12. Applied Max and Min Problems 1 |
| 5. Quiz 4                                     | 13. Applied Max and Min Problems 2 |
| 6. Concavity and the Second Derivative Test   | 14. Applied Max and Min Problems 3 |
| 7. Limits at Infinity                         | 15. Linear Approximations          |
| 8. Curve Sketching                            | 16. Differentials                  |

**CALCULUS (FOR USE WITH AP\* COURSES)**  
**UNIT 5: REVIEW AND SEMESTER I EXAM**

**Assignment Titles**

- |           |                    |
|-----------|--------------------|
| 1. Review | 2. Semester I Exam |
|-----------|--------------------|

**CALCULUS (FOR USE WITH AP\* COURSES)****UNIT 6: INTEGRALS****Assignment Titles**

- |   |  |
|---|--|
| 1. Antiderivatives and Integration                  | 10. Second Fundamental Theorem of Calculus |
| 2. Differential Equations                           | 11. Integration by Substitution            |
| 3. Slope Fields                                     | 12. Definite Integrals with Substitution   |
| 4. Sigma Notation and Area                          | 13. Trapezoidal Rule                       |
| 5. Riemann Sums and the FTC                         | 14. Particle Movement                      |
| 6. Quiz 1 Review                                    | 15. Chapter 4 Review                       |
| 7. Quiz 1   | 16. Special Project                        |
| 8. Mean Value Theorem and Average Value             | 17. Chapter 4 Test                         |
| 9. Integrating When the Curve Goes Below the x-axis |  |

**CALCULUS (FOR USE WITH AP\* COURSES)****UNIT 7: NATURAL LOGS AND FUNCTIONS****Assignment Titles**

- |   |                          |
|---|--------------------------|
| 1. Review of the Natural Log and its Properties | 8. Exponential Functions |
| 2. Natural Log Function and Differentiation     | 9. Bases Other Than e    |
| 3. Natural Log Function and Integration         | 10. Growth and Decay     |
| 4. Integrating Trig Functions                   | 11. Chapter 5 Review     |
| 5. Quiz 2 Review                                | 12. Special Project      |
| 6.. Quiz 2                                      | 13. Chapter 5 Test       |
| 7. Review of Inverse Functions                  |                          |

**CALCULUS (FOR USE WITH AP\* COURSES)****UNIT 8: AREA AND VOLUME****Assignment Titles**

- |  |                                |
|--|--------------------------------|
| 1. Area Between Two Curves                     | 5. Sections 6.1 and 6.2 Review |
| 2. Volumes of Revolution: The Disk Method      | 6. Special Project             |
| 3. Volumes of Revolution: The Disk and Washer  | 7. Sections 6.1 and 6.2 Test   |
| 4. Volumes of Solids with Known Cross Sections |                                |

**CALCULUS (FOR USE WITH AP\* COURSES)****UNIT 9: INVERSE TRIG FUNCTIONS****Assignment Titles**

- |   |                                  |
|---|----------------------------------|
| 1. Inverse Trig Functions                 | 4. Inverse Trig Functions Review |
| 2. Differentiating Inverse Trig Functions | 5. Special Project               |
| 3. Integrating Inverse Trig Functions     | 6. Inverse Trig Functions Test   |

**CALCULUS (FOR USE WITH AP\* COURSES)****UNIT 10: REVIEW AND SEMESTER II EXAM****Assignment Titles**

- |           |                     |
|-----------|---------------------|
| 1. Review | 2. Semester II Exam |
|-----------|---------------------|

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## U.S. HISTORY

### COURSE OVERVIEW

U.S. History is an advanced history course that helps students prepare for the College Board's AP exam. The course emphasizes the movements and events that have shaped the United States from its earliest beginnings to the present day.

Upon completion of the course, students should be able to do the following:

- Describe the political, economic, and religious characteristics of the original colonies.
- Identify the causes and outcomes of the Revolutionary War.
- Describe the Industrial Revolution and its effects on American society.
- Recall the causes and major events of the Civil War.
- Explain the factors influencing U.S. imperialism.
- Summarize U.S. involvement in World War I.
- Describe the economic and cultural characteristics of the Roaring Twenties.
- Describe the Great Depression and the New Deal.
- Outline the contributions of the United States to the Allied victory in World War II.
- Describe the causes and events of the Cold War.
- Describe the social and economic conditions in the United States in the post-World War II period.

In addition to the default course program, U.S. History - Advanced Placement includes alternate lessons, projects, essays, and tests for use in enhancing instruction or addressing individual needs.

- Semester one: *The American Pageant: A History of the Republic* by David Kennedy, et al. Volume 1: To 1877: Houghton Mifflin, 2006 [ISBN: 0618479287].
- Semester two: *The American Pageant: A History of the Republic* by David Kennedy, et al. Volume 2: Since 1865: Houghton Mifflin, 2006 [ISBN: 0618479295].

Or

- Covers both semesters: *The American Pageant: A History of the Republic* by David Kennedy, et al.: Houghton Mifflin, 2006 [ISBN: 0618479279].

U.S. HISTORY (FOR USE WITH AP* COURSES)	
UNIT 1: THE AGE OF DISCOVERY AND COLONIAL SETTLEMENT (1500-1692)	
Assignment Titles	
1. Course Overview	6. American Life in the Seventeenth Century, 1607—1692
2. Course Information	7. Special Project
3. New World Beginnings, 33,000 B.C.-A.D. 1769	8. Test: The Age of Discovery and Colonial Settlement
4. Planting of English America, 1500-1733	9. Writing Assignment
5. Settling the Northern Colonies, 1619-1700	

U.S. HISTORY (FOR USE WITH AP* COURSES)	
UNIT 2: PRE-REVOLUTIONARY AMERICA (1608-1775)	
Assignment Titles	
1. Unit Information	4. The Road to Revolution, 1763-1775
2. Colonial Society on the Eve of the Revolution, 1700—1775	5. Special Project
3. The Duel for North America, 1608-1763	6. Test: Pre-Revolutionary America
	7. Writing Assignment

U.S. HISTORY (FOR USE WITH AP* COURSES)	
UNIT 3: THE REVOLUTIONARY PERIOD AND THE EARLY REPUBLIC (1775-1800)	
Assignment Titles	
1. Course Information	5. Special Project
2. America Secedes from the Empire, 1775-1783	6. Test: The Revolutionary Period and the Early Republic
3. The Confederation and the Constitution, 1776-1790	7. Writing Assignment
4. Launching the New Ship of State, 1789-1800	

**U.S. HISTORY (FOR USE WITH AP\* COURSES)**  
**UNIT 4: THE DEVELOPMENT OF JEFFERSONIAN DEMOCRACY (1800-1840)**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Course Information  | 4. The Rise of a Mass Democracy, 1824-1840         |
| 2. The Triumphs and Travails of the Jeffersonian Republic, 1800-1812         | 5. Special Project                                 |
| 3. The Second War for Independence and the Upsurge of Nationalism, 1812-1824 | 6. Test: The Development of Jeffersonian Democracy |
|  | 7. Writing Assignment                              |

**U.S. HISTORY (FOR USE WITH AP\* COURSES)**  
**UNIT 5: MIDTERM EXAMINATION**

**Assignment Titles**

- |                        |                                  |
|------------------------|----------------------------------|
| 1. Midterm Tips        | 3. Alternate Midterm Examination |
| 2. Midterm Examination |                                  |

**U.S. HISTORY (FOR USE WITH AP\* COURSES)**  
**UNIT 6: THE CHANGING FACE OF AMERICA (1790-1860)**

**Assignment Titles**

- |   |                                       |
|---|---------------------------------------|
| 1. Course Information                               | 5. Special Project                    |
| 2. Forging the National Economy, 1790-1860          | 6. Test: The Changing Face of America |
| 3. The Ferment of Reform and Culture, 1790-1860     | 7. Writing Assignment                 |
| 4. The South and the Slavery Controversy, 1793-1860 |                                       |

**U.S. HISTORY (FOR USE WITH AP\* COURSES)**  
**UNIT 7: THE PRE-CIVIL WAR ERA (1841-1861)**

**Assignment Titles**

- |   |                             |
|---|-----------------------------|
| 1. Course Information                         | 5. Special Project          |
| 2. Manifest Destiny and Its Legacy, 1841-1848 | Test: The Pre-Civil War Era |
|   | 6..                         |
| 3. Renewing the Sectional Struggle, 1848-1854 | 7. Writing Assignment       |
| 4. Drifting Toward Disunion, 1854-1861        |                             |

**U.S. HISTORY (FOR USE WITH AP\* COURSES)**  
**UNIT 8: CIVIL WAR AND RECONSTRUCTION (1861-1877)**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Course Information                                  | 4. The Ordeal of Reconstruction, 1865-1877 |
| 2. Girding for War: The North and the South, 1861-1865 | 5. Special Project                         |
|  | Test: Civil War and Reconstruction         |
|  | 6..  |
| 3. The Furnace of Civil War, 1861-1865                 | 7. Writing Assignment                      |

**U.S. HISTORY (FOR USE WITH AP\* COURSES)**  
**UNIT 9: SEMESTER I FINAL EXAMINATION**

**Assignment Titles**

- |                      |                                |
|----------------------|--------------------------------|
| 1. Final Exam Tips   | 3. Alternate Final Examination |
| 2. Final Examination |                                |

**U.S. HISTORY (FOR USE WITH AP\* COURSES)**  
**UNIT 10: FORGING AN INDUSTRIAL SOCIETY (1869-1900)**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Semester II Course Introduction                  | 4. Special Project                     |
| 2. Political Paralysis in the Gilded Age, 1869-1896 | 5. Test: Forging an Industrial Society |
| 3. Industry Comes of Age, 1865-1900                 | 6. Writing Assignment                  |

**U.S. HISTORY (FOR USE WITH AP\* COURSES)**  
**UNIT 11: AMERICA MOVES: TO THE CITY AND TO THE WEST (1865-1900)**

**Assignment Titles**

- |  |   |
|--|---|
| 1. America Moves to the City, 1865-1900                      | 3. Special Project                                  |
| 2. The Great West and the Agricultural Revolution, 1865-1896 | 4. Test: America Moves: to the City and to the West |
|  | 5. Writing Assignment                               |

U.S. HISTORY (FOR USE WITH AP* COURSES) UNIT 12: AMERICA'S AGE OF IMPERIALISM (1890-1912)	
Assignment Titles	
1. Empire and Expansion, 1890-1909	3. Special Project
2. Progressivism and the Republican Roosevelt, 1901-1912	4. Test: America's Age of Imperialism
	5. Writing Assignment

U.S. HISTORY (FOR USE WITH AP* COURSES) UNIT 13: WILSON AND THE FIRST WORLD WAR (1912-1918)	
Assignment Titles	
1. Wilsonian Progressivism at Home and Abroad, 1912-1916	3. Special Project
2. The War to End War, 1917-1918	4. Test: Wilson and the First World War
	5. Writing Assignment

U.S. HISTORY (FOR USE WITH AP* COURSES) UNIT 14: SEMESTER II MIDTERM EXAMINATION	
Assignment Titles	
1. Midterm Tips	2. Midterm Examination

U.S. HISTORY (FOR USE WITH AP* COURSES) UNIT 15: THE ROARING TWENTIES AND THE POLITICS OF BOOM AND BUST (1919-1932)	
Assignment Titles	
1. Introduction: Writing a Personal Application Essay	5. Written Assignment: Writing a Personal Application Essay
2. Reading Guide, Part 1: Principles of Essay Writing	6. Reflections
3. Reading Guide, Part 2: Preview of Written Assignment	7. AP Exam Preparation
4. Reading Guide, Part 3: Preview of Written Assignment	

U.S. HISTORY (FOR USE WITH AP* COURSES) UNIT 16: FDR AND THE NEW DEAL (1933-1941)	
Assignment Titles	
1. The Great Depression and the New Deal, 1933-1939	3. America in World War II, 1941-1945
2. Franklin D. Roosevelt and the Shadow of War, 1933-1941	4. Special Project
	5. Test: FDR and the New Deal
	6. Writing Assignment

U.S. HISTORY (FOR USE WITH AP* COURSES) UNIT 17: AMERICA IN THE POSTWAR ERA	
Assignment Titles	
1. The Cold War Begins, 1945-1952	4. Special Project
2. The Eisenhower Era, 1952-1960	5. Test: America in the Postwar Era
3. The Stormy Sixties, 1960-1968	6. Writing Assignment

U.S. HISTORY (FOR USE WITH AP* COURSES) UNIT 18: TOWARD A NEW CENTURY	
Assignment Titles	
1. The Stalelated Seventies, 1968-1980	4. Special Project
2. The Resurgence of Conservatism, 1980-1992	5. Test: Toward a New Century
3. America Confronts the Post-Cold War Era, 1992-2004	6. Writing Assignment

U.S. HISTORY (FOR USE WITH AP* COURSES) UNIT 19: SEMESTER II MIDTERM EXAMINATION	
Assignment Titles	
1. Final Exam Tips	2. Final Examination

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## GENERAL ELECTIVES

### AMERICAN LITERATURE

#### COURSE OVERVIEW

American Literature is a five-unit elective that engages high school students in a literary conversation with some of the most colorful and influential minds in American history. Their words will give students a greater understanding of themselves, their culture, and the ideas of others. The course teaches students the various movements in American literature, starting with the roots of American literature in writings from the Puritans. The course concludes with works by Dr. Martin Luther King, Jr., and other black writers who were part of the struggle for racial freedom during the civil rights era.

Through this course, students will do the following:

- Recognize the religious beliefs of selected founding fathers, as evidenced in their writings.
- Identify the birth of a distinctively American literature.
- Recognize the impact of slavery on individuals and society.
- Understand and identify the influence of modernism upon religion and the arts.
- Recognize the dominant themes and techniques used in literature at the end of the twentieth century.

AMERICAN LITERATURE UNIT 1: EARLY AMERICAN LITERATURE 1600-1800	
Assignment Titles	
1. Course Overview	14. Jonathan Edwards
2. Introduction: The Puritans	15. Benjamin Franklin
3. John Smith	16. Essay: Authors' Views of Mankind
4. William Bradford	17. Thomas Paine
5. John Winthrop	18. Thomas Jefferson
6. Quiz 1: The Puritans	19. Michel-Guillaume Jean de Crevecoeur
7. The Colonists: Mary Rowlandson	20. Essay: Biblical Imagery and References
8. Anne Bradstreet	21. Quiz 3: Days of Change and Revolution
9. Essay: Comparing Authors' Views	22. Special Project
10. Edward Taylor	23. Test: Early American Literature
11. Samuel Sewall	24. Alternate Test: Early American Literature
12. Quiz 2: The Colonists	25. Reference
13. Days of Change and Revolution 1700-1800	

AMERICAN LITERATURE UNIT 2: THE ROMANTIC PERIOD 1800-1855	
Assignment Titles	
1. A New Nation 1800-1840: Introduction	13. Quiz 2: The Fireside Poets and Transcendentalists
2. Washington Irving	14. The Voices of Despair: Edgar Allen Poe
3. James Fenimore Cooper	15. The Voices of Despair: Nathaniel Hawthorne
4. William Cullen Bryant	16. The Voices of Despair: Herman Melville
5. Quiz 1: A New Nation	17. The Voices of Despair: Emily Dickinson
6. American Naissance 1840-1855: Introduction	18. Project: Responding to Literature
7. The Fireside Poets: Henry Wadsworth Longfellow	19. Quiz 3: The Voices of Despair
8. The Fireside Poets: John Greenleaf Whittier	20. Special Project
9. The Fireside Poets: Oliver Wendell Holmes	21. Test: The Romantic Period
10. The Transcendentalists: Ralph Waldo Emerson	22. Alternate Test: The Romantic Period
11. The Transcendentalists: Henry David Thoreau	23. Reference
12. The Transcendentalists: Walt Whitman	



**AMERICAN LITERATURE  
UNIT 3: WAR AND RECONCILIATION 1855-1915**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Secession and Loyalty 1855-1865: Introduction  | 13. Naturalists, Regionalists and Realists: Stephen Crane |
| 2. Frederick Douglass                             | 14. Kate Chopin   |
| 3. Harriet Beecher Stowe                          | 15. Paul Laurence Dunbar                                  |
| 4. Spirituals                                     | 16. Jack London   |
| 5. Robert E. Lee                                  | 17. Essay: Analysis and Response                          |
| 6. Abraham Lincoln                                | 18. Quiz 3: Naturalists, Regionalists, and Realists       |
| 7. Quiz 1: Secession and Loyalty 1855 - 1865      | 19. Special Project                                       |
| 8. Realism and Naturalism 1865-1915: Introduction | 20. Test: War and Reconciliation                          |
| 9. Samuel Langhorne Clemens (Mark Twain)          | 21. Alternate Test: War and Reconciliation                |
| 10. William Dean Howells                          | 22. Reference   |
| 11. Henry James                                   |   |
| 12. Quiz 2: Realism and Naturalism 1865 - 1915    |   |

**AMERICAN LITERATURE  
UNIT 4: THE MODERN AGE 1915-1946**

**Assignment Titles**

- |                                   |  |
|-----------------------------------|--|
| 1. The Modern Age                 | 12. Quiz 2: Modern Poetry  |
| 2. Modern Prose: Ernest Hemingway | 13. Other Modern Age Literature: Harlem Renaissance, Langston Hughes |
| 3. F. Scott Fitzgerald            | 14. Drama: Thornton Wilder   |
| 4. Quiz 1: Modern Prose           | 15. Religious Works: J. Gresham Machen                               |
| 5. Modern Poetry: Ezra Pound      | 16. Quiz 3: Other Literature   |
| 6. Carl Sandburg                  | 17. Special Project  |
| 7. E. E. Cummings                 | 18. Test: The Modern Age   |
| 8. Wallace Stevens                | 19. Alternate Test: The Modern Age                                   |
| 9. Robert Frost                   | 20. Reference  |
| 10. W. H. Auden                   |  |
| 11. Project: Poetry Models        |  |

**AMERICAN LITERATURE  
UNIT 5: FROM MODERN TO POSTMODERN 1946-PRESENT**

**Assignment Titles**

- |   |   |
|---|---|
| 1. The Birth of Postmodernism: Introduction | 11. Social Issues: Martin Luther King, Jr.    |
| 2. Flannery O'Connor (1)                    | 12. Essay: Dr. King's Literary Allusions      |
| 3. Flannery O'Connor (2)                    | 13. Ralph Ellison                             |
| 4. Flannery O'Connor (3)                    | 14. Gwendolyn Brooks                          |
| 5. Theodore Roethke                         | 15. Project: Responding to Postmodernism      |
| 6. Quiz 1: The Birth of Postmodernism       | 16. Quiz 3: Social Issues                     |
| 7. More Contemporary Writers: Eudora Welty  | 17. Special Project                           |
| 8. John Updike                              | 18. Test: From Modern to Postmodern           |
| 9. Robert Trail Spence Lowell, Jr.          | 19. Alternate Test: From Modern to Postmodern |
| 10. Quiz 2: More Contemporary Writers       | 20. Reference                                 |

## BRITISH LITERATURE

### COURSE OVERVIEW

Beginning with works from the Middle Ages, British Literature is a five-unit course that teaches high school students about some of the greatest books of Western Civilization. Students will learn how to appreciate the English literature of the Middle Ages for its wisdom and beauty and will also gain a better understanding of the development of the English language and its literature. Course units cover one to two centuries, concluding with the writings of apologist C.S. Lewis in the 20th century.

Through this course, students will do the following:

- Gain a better understanding of the beginning and development of the English language and its literature.
- Recognize the Bible's central importance to the English Reformation.
- Appreciate the wisdom and eloquence of the authors of each period.
- Evaluate literature by comparing it to Scripture.
- Discern the causes and the consequences of "the absence of God" from modern society.
- Appreciate the influence of Christian writers in the twentieth century.

BRITISH LITERATURE UNIT 1: THE MIDDLE AGES	
Assignment Titles	
1. Course Overview	12. Morality Plays: Everyman
2. Introduction	13. Sir Thomas Malory: Le Morte d' Arthur
3. Old English Literature: Bede	14. Le Morte d' Arthur II
4. Beowulf	15. Le Morte d' Arthur III
5. Project: Metonymy	16. Essay: Comparing Literature to Scripture
6. Quiz 1: Introduction and Old English Literature	17. Quiz 3: Morality Plays and Malory's Le Morte d' Arthur
7. Middle English Literature: Chaucer	18. Special Project
8. The Pardoner's Tale	19. Test: The Middle Ages
9. Piers Plowman	20. Alternate Test: The Middle Ages
10. Project: Illuminated Manuscripts	21. Reference
11. Quiz 2: Middle English Literature	

BRITISH LITERATURE UNIT 2: THE SIXTEENTH CENTURY	
Assignment Titles	
1. The Renaissance and Reformation	14. The Taming of the Shrew 1
2. The Early Renaissance: Sir Thomas More	15. The Taming of the Shrew 2
3. Roger Ascham	16. The Taming of the Shrew 3
4. John Foxe	17. The Taming of the Shrew 4
5. Quiz 1: The Renaissance and Reformation	18. The Taming of the Shrew 5
6. Renaissance Poets: Sir Thomas Wyatt the Elder	19. Project: Exploring Shakespeare
7. Sir Philip Sidney	20. The English Bible
8. Edmund Spenser	21. Quiz 3: Renaissance Prose and Drama
9. Mary (Sidney) Herbert, Countess of Pembroke	22. Special Project
10. Essay: Comparing Literature to Scripture	23. Test: The Sixteenth Century
11. Quiz 2: Renaissance Poets	24. Alternate Test: The Sixteenth Century
12. Renaissance Prose and Drama: Sir Walter Raleigh	25. Reference
13. William Shakespeare	

**BRITISH LITERATURE**  
**UNIT 3: THE SEVENTEENTH AND EIGHTEENTH CENTURIES**

**Assignment Titles**

- |   |  |
|---|--|
| 1. The Stuarts and the Puritan Revolution 1603-1660 | 13. John Bunyan  |
| 2. John Donne                                       | 14. Jonathan Swift   |
| 3. Ben Jonson                                       | 15. Alexander Pope   |
| 4. George Herbert                                   | 16. Isaac Watts  |
| 5. Quiz 1: The Stuarts and the Puritan Revolution   | 17. Project: Responding to Literature                        |
| 6. More Seventeenth Century Writers: John Milton    | 18. Quiz 3: The Restoration and Neoclassic Period            |
| 7. John Owen  | 19. Special Project  |
| 8. Essay: Comparing Literature to Scripture         | 20. Test: The Seventeenth and Eighteenth Centuries           |
| 9. Francis Bacon                                    | 21. Alternate Test: The Seventeenth and Eighteenth Centuries |
| 10. Quiz 2: More Seventeenth Century Writers        | 22. Reference  |
| 11. The Restoration and Neoclassic Period 1660-1785 |  |
| 12. John Dryden                                     |  |

**BRITISH LITERATURE**  
**UNIT 4: THE NINETEENTH CENTURY (1798-1900)**

**Assignment Titles**

- |                                       |  |
|---------------------------------------|--|
| 1. The Romantic Era: Introduction     | 15. John Henry Cardinal Newman             |
| 2. William Blake                      | 16. Alfred, Lord Tennyson                  |
| 3. William Wordsworth                 | 17. Charles Dickens                        |
| 4. Samuel Taylor Coleridge            | 18. Robert Browning                        |
| 5. Sir Walter Scott                   | 19. George Eliot                           |
| 6. Quiz 1: The Romantic Era           | 20. Oscar Wilde                            |
| 7. The Late Romantic Era: Jane Austen | 21. Lewis Carroll                          |
| 8. Charles Lamb                       | 22. Project: Responding to Literature      |
| 9. George Gordon, Lord Byron          | 23. Quiz 3: The Victorian Era              |
| 10. Percy Bysshe Shelley              | 24. Special Project                        |
| 11. John Keats                        | 25. Test: The Nineteenth Century           |
| 12. Quiz 2: The Late Romantic Era     | 26. Alternate Test: The Nineteenth Century |
| 13. The Victorian Era: Introduction   | 27. Reference                              |
| 14. Thomas Carlyle                    |  |

**BRITISH LITERATURE**  
**UNIT 5: THE TWENTIETH CENTURY**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Introduction  | 11. Modern Fiction: Virginia Woolf        |
| 2. Thomas Hardy  | 12. James Joyce                           |
| 3. Joseph Conrad   | 13. Aldous Leonard Huxley                 |
| 4. G. K. Chesterton                                      | 14. C. S. Lewis                           |
| 5. Quiz 1: Introduction                                  | 15. Project: Responding to Literature     |
| 6. Modern Poetry, Drama, and Prose: William Butler Yeats | 16. Quiz 3: Modern Fiction                |
| 7. T. S. Eliot   | 17. Special Project                       |
| 8. George Bernard Shaw                                   | 18. Test: The Twentieth Century           |
| 9. Winston Churchill                                     | 19. Alternate Test: The Twentieth Century |
| 10. Quiz 2: Modern Poetry, Drama, and Prose              | 20. Reference                             |

## BUSINESS COMPUTER INFORMATION SYSTEMS I-A

### COURSE OVERVIEW

BCIS I-A is a high school elective that explores the use of technology applications in both business and personal situations. The course provides key knowledge and skills in the following areas:

- communication skills
- business technology
- word processing applications
- spreadsheet applications
- database applications

The course is intended to help students arrive at the following understandings:

- Effective communications skills and productive work habits can increase employees' success.
- Technology solutions can help employees be more productive and effective.

BUSINESS COMPUTER INFORMATION SYSTEMS I-A UNIT 1: COMMUNICATION SKILLS	
Assignment Titles	
1. Course Overview	11. Finding Reliable Internet Resources
2. Communication Skills	12. Paraphrasing and Summarizing
3. Electronic Communication Skills	13. Organizing Information
4. Project: Revising E-mail	14. Quiz 3: Using Written Information
5. Quiz 1: Overview of Effective Communication Skills	15. Report: Business Skills
6. Workplace Skills, Habits, and Attitudes	16. Special Project
7. Active Listening	17. Review
8. Constructive Feedback	18. Test
9. Project: Employee Action Plan	19. Alternate Test
10. Quiz 2: Desirable Workplace Skills, Habits, and Attitudes	20. Glossary and Credits

BUSINESS COMPUTER INFORMATION SYSTEMS I-A UNIT 2: BUSINESS TECHNOLOGY	
Assignment Titles	
1. Hardware versus Software	8. Report: Technology in Business
2. Current Business Technology	9. Special Project
3. Quiz 1: Overview of Business Technology	10. Review
4. Business Solutions Case Studies	11. Test
5. Emerging Technology	12. Alternate Test
6. Project: Defining Technical Terms	13. Glossary and Credits
7. Quiz 2: Business Solutions	

BUSINESS COMPUTER INFORMATION SYSTEMS I-A UNIT 3: WORD PROCESSING	
Assignment Titles	
1. Keyboarding Pretest	13. Project: Creating a Newsletter
2. Keyboarding Exercises	14. Research Papers
3. Number Keypad	15. Project: Formatting a Research Paper
4. Project: Timed Typing Tests	16. Business Reports
5. Quiz 1: Keyboarding Skills	17. Project: Creating a Business Report
6. Writing and Editing a Business Document	18. Quiz 2: Creating Business Documents
7. Project: Creating a Memo	19. Special Project
8. Business Letters	20. Review
9. Project: Creating a Business Letter	21. Test
10. Resumes	22. Alternate Test
11. Project: Creating a Resume	23. Glossary and Credits
12. Brochures and Newsletters	

**BUSINESS COMPUTER INFORMATION SYSTEMS I-A  
UNIT 4: SPREADSHEETS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Entering Data                        | 12. Project: Estimating Income Taxes                       |
| 2. Formatting                           | 13. Creating Graphs  |
| 3. Editing Data                         | 14. Project: Business Spreadsheets                         |
| 4. Shortcuts                            | 15. Project: Balance Sheets and Profit-and-Loss Statements |
| 5. Quiz 1: Spreadsheet Basics           | 16. Quiz 3: Spreadsheet Applications                       |
| 6. Formulas                             | 17. Special Project  |
| 7. Project: Using Simple Formulas       | 18. Review   |
| 8. Advanced Formulas                    | 19. Test   |
| 9. Project: Using Advanced Formulas     | 20. Alternate Test   |
| 10. Quiz 2: Spreadsheet Formulas        | 21. Glossary and Credits                                   |
| 11. Project: Creating a Personal Budget |  |

**BUSINESS COMPUTER INFORMATION SYSTEMS I-A  
UNIT 5: DATABASES**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Comparing Databases and Spreadsheets           | 10. Project: Using a Database to Create a Business Report |
| 2. Understanding Database Terms                   | 11. Quiz 2: Database Features                             |
| 3. Project: Creating a Database                   | 12. Special Project                                       |
| 4. Working with Data and Records                  | 13. Review  |
| 5. Quiz 1: Database Basics                        | 14. Test  |
| 6. Using Databases to Search and Query            | 15. Alternate Test  |
| 7. Project: Working with Queries                  | 16. Glossary and Credits                                  |
| 8. Project: Using a Database to Generate Mailings |   |
| 9. Importing and Exporting Data                   |   |

**BUSINESS COMPUTER INFORMATION SYSTEMS I-A  
UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |           |                   |
|-----------|-------------------|
| 1. Review | 3. Alternate Exam |
| 2. Exam   |                   |

## BUSINESS COMPUTER INFORMATION SYSTEMS I-B

### COURSE OVERVIEW

BCIS I-B is a high school elective that explores the use of technology in both business and personal situations. The course provides key knowledge and skills in the following areas:

- telecommunications technology
- desktop publishing technology
- presentation technology
- computer networks
- computer operating systems

The course is intended to help students arrive at the following understandings:

- Effective communication skills and productive work habits can increase employees' success.
- Technology solutions can help employees be more productive and effective.

BUSINESS COMPUTER INFORMATION SYSTEMS I-B UNIT 1: TELECOMMUNICATIONS TECHNOLOGY	
Assignment Titles	
1. Course Overview	10. E-Mail Ethics and Work Habits
2. The Parts and the Pieces	Netiquette
3. Case Studies	11. Quiz 3: Doing It Right
4. Quiz 1: The Telecommunications Industry - An Overview	12. Special Project
5. E-Mail	13. Review
6. Beyond E-Mail	14. Test
7. Evaluating Telecommunication Technologies	15. Alternate Test
8. Project: Analyze It	16. Glossary and Credits
9. Quiz 2: Using and Choosing Telecommunication Technology	

BUSINESS COMPUTER INFORMATION SYSTEMS I-B UNIT 2: DESKTOP PUBLISHING TECHNOLOGY	
Assignment Titles	
1. What Is Desktop Publishing?	9. Importing Graphics
2. Case Study: The Uses of DTP	10. Project: Creating an Instructional Manual
3. Quiz 1: Desktop Publishing - An Introduction	11. Quiz 3: Using Desktop Publishing
4. Planning	12. Special Project
5. Design Considerations	13. Review
6. More Design Considerations	14. Test
7. Quiz 2: Desktop Publishing Procedures	15. Alternate Test
8. Importing Text	16. Glossary and Credits

BUSINESS COMPUTER INFORMATION SYSTEMS I-B UNIT 3: PRESENTATION TECHNOLOGY	
Assignment Titles	
1. What is Presentation Technology?	10. Putting It All Together
2. How Is Presentation Technology Used?	11. Quiz 3: Presentation Planning
3. Quiz 1: An Introduction to Presentation Technology	12. Project: Creating a Presentation
4. Working with Text	13. Special Project
5. Working with Graphics	14. Review
6. Working with Special Effects	15. Test
7. Quiz 2: Presentation Guidelines	16. Alternate Test
8. Content	17. Glossary and Credits
9. Layout	

**BUSINESS COMPUTER INFORMATION SYSTEMS I-B  
UNIT 4: COMPUTER NETWORKS**

**Assignment Titles**

- |  |                                   |
|--|-----------------------------------|
| 1. Why Use a Network?                    | 10. Designing Your Network        |
| 2. How Do Networks Work?                 | 11. Quiz 3: Choosing a Network    |
| 3. Quiz 1: An Introduction to Networking | 12. Project: Networking Interview |
| 4. Network Architecture                  | 13. Special Project               |
| 5. Network Areas                         | 14. Review                        |
| 6. Network Models                        | 15. Test                          |
| 7. Hardware and Software                 | 16. Alternate Test                |
| 8. Quiz 2: Networking Basics             | 17. Glossary and Credits          |
| 9. Needs Assessment                      |                                   |

**BUSINESS COMPUTER INFORMATION SYSTEMS I-B  
UNIT 5: COMPUTER OPERATING SYSTEMS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. What is an Operating System?                 | 10. Programs and Files                 |
| 2. Utilities                                    | 11. Quiz 3: Using the Operating System |
| 3. Quiz 1: An Introduction to Operating Systems | 12. Project: Customize Your Desktop    |
| 4. Mac  | 13. Special Project                    |
| 5. Windows                                      | 14. Review                             |
| 6. Linux  | 15. Test                               |
| 7. Quiz 2: Types of Operating Systems           | 16. Alternate Test                     |
| 8. Getting Started - Exploring the Desktop      | 17. Glossary and Credits               |
| 9. Using the Interface                          |  |

**BUSINESS COMPUTER INFORMATION SYSTEMS I-B  
UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |           |                   |
|-----------|-------------------|
| 1. Review | 3. Alternate Exam |
| 2. Exam   |                   |

## CIVICS

### COURSE OVERVIEW

In this five-section elective, high-school students will learn about the rights and responsibilities of being an American citizen. By studying different forms of government, students will investigate what motivated America's founding fathers as they drafted the U.S. Constitution. Students will also learn about the branches of the U.S. government as laid out in the Constitution and about the structure of state and local governments. In each unit, students will complete an in-depth project related to that unit's topic.

Through this course, students will do the following:

- Understand the definition of government and explain its role in the life of the citizen.
- Explore why politics takes place any time a group of individuals is gathered together.
- Understand the differences and relationships between civic life, political life, and private life.
- Analyze the influence of the federal government on the American economy.
- Analyze the elements of America's market economy in a global setting.

CIVICS UNIT 1: A NEW NATION	
Assignment Titles	
1. Course Overview	16. Civil Society and Government
2. The Distinctions Among Civic, Political, and Private Life	17. Relationship of Limited Government to Political and Economic Freedom
3. The Necessity of Politics and Government	18. Liberalism, Republicanism, and American Constitutional Republic
4. The Purpose of Politics and Government	19. Project: Conflict of Interest
5. Quiz 1	20. Quiz 3
6. Why Independence	21. Unitary, Confederal, or Federal?
7. Natural Rights	22. Nature of Representation
8. Given Rights	23. Fundamental Values and Principles
9. The Role of Religion	24. The Great Compromise
10. The Protestant Reformation	25. Quiz 4
11. Babylonian Monarchy, Greek Democracy, Roman Republic	26. Special Project
12. Quiz 2	27. Test
13. Forms of Government	28. Alternate Test
14. Religious and Political Freedom	29. Reference
15. Limits in Government	

CIVICS UNIT 2: THE CONSTITUTION	
Assignment Titles	
1. Federalists and Anti-Federalists	10. Separation of Powers/Checks and Balances
2. Project: Compare Bill of Rights	11. Quiz 2
3. As Good As it Gets	12. The Ability to Change
4. The Peaceful Transfer of Power	13. The Bill of Rights: Protection
5. Quiz 1	14. The Bill of Rights: Interpretation
6. Introduction to Constitutional Government	15. Quiz 3
7. Constitutional Law in the United States Federal Government	16. Special Project
8. The Preamble	17. Test
9. Project: A Limited Government	18. Alternate Test
	19. Reference



**CIVICS**  
**UNIT 3: BRANCHES OF GOVERNMENT**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Presidential Power                    | 12. Quiz 2                                   |
| 2. Electing a President                  | 13. Organization of the Judicial Branch      |
| 3. Case Study: The Election of 1824      | 14. The Role of the Supreme Court            |
| 4. The Federal Bureaucracy               | 15. Judicial Activism vs. Judicial Restraint |
| 5. Project: Limits on Presidential Power | 16. Making a More Perfect Union              |
| 6. Quiz 1                                | 17. Quiz 3                                   |
| 7. A Two-House System                    | 18. Special Project                          |
| 8. Committees in Action                  | 19. Test                                     |
| 9. Project: Your Home Legislators        | 20. Alternate Test                           |
| 10. How a Bill Becomes a Law             | 21. Reference                                |
| 11. Impeachment                          |  |

**CIVICS**  
**UNIT 4: GOVERNMENT BY THE PEOPLE**

**Assignment Titles**

- |   |   |
|---|---|
| 1. State Branches                             | 17. Case Study: Prohibition                         |
| 2. Local Government: Types and Functions      | 18. Civic Responsibility                            |
| 3. Financing Government through Taxation      | 19. Becoming a Citizen                              |
| 4. Case Study: Integration of Schools         | 20. Quiz 3  |
| 5. Direct Democracy                           | 21. Diversity and the Character of American Society |
| 6. Quiz 1                                     | 22. Project: Constitutional Values and Principles   |
| 7. Why Political Parties?                     | 23. Voluntarism and Organized Groups                |
| 8. Parties and Primaries                      | 24. American Political Conflict                     |
| 9. Politics and Media                         | 25. Conflicts of Values                             |
| 10. Districts, Special Interests, and Funding | 26. Disparities between Ideals and Reality          |
| 11. Public Policy and Public Agenda           | 27. Quiz 4  |
| 12. Project: Your Politics                    | 28. Special Project                                 |
| 13. Quiz 2                                    | 29. Test  |
| 14. Your Rights                               | 30. Alternate Test                                  |
| 15. Project: Limits of Freedom                | 31. Reference                                       |
| 16. Citizens in Action                        |   |

**CIVICS**  
**UNIT 5: RELATIONSHIP TO THE WORLD**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Government and Economics                           | 15. Quiz 2   |
| 2. Project: Economics of a New Business               | 16. Economic and Humanitarian Concerns                     |
| 3. International Economics                            | 17. Political Concerns                                     |
| 4. Case Study: The Middle East                        | 18. Historical Context of Foreign Policy                   |
| 5. Project: Environmental Politics                    | 19. Making and Implementing Foreign Policy                 |
| 6. Quiz 1   | 20. Means and Ends of Foreign Policy                       |
| 7. Types of Economic Systems                          | 21. Impact of Democracy and Individual Rights on the World |
| 8. Communism  | 22. International Organizations                            |
| 9. Fascism  | 23. Quiz 3   |
| 10. Project: The Jewish Holocaust                     | 24. Special Project  |
| 11. American Capitalism                               | 25. Test   |
| 12. Personal, Political, and Economic Rights          | 26. Alternate Test   |
| 13. Geography, Politics, and Economics of Governments | 27. Reference  |
| 14. Project: New Governments                          |  |

## CIVIL WAR

### COURSE OVERVIEW

You are about to embark on the fascinating history of the Civil War. It is a story of human choices that linked the past to the present and influenced the future. It is a drama of how one nation changed through times of conflict and cooperation. It is a tale of two children (the North and South) living under the same roof (The United States) and how they disagreed over the issues of states' rights and slavery.

As you study the Civil War, you will detect patterns in the way people thought and acted. You will see familiar patterns in how battles were won and lost. You will also note how events happening today affect the future. The principle of cause and effect applies in everything you do.

Even today, there are some people who believe the South won the Civil War or that the North had no right to abolish slavery. Others cannot believe that people from the South found nothing wrong with enslaving fellow human beings. For all these people, their view of history differs from one another based on their perspective.

Regardless of where you stand, enjoy learning about this period in American history. It is filled with heroism and cowardness, conflict and cooperation, heartache and joy, triumph and tragedy. Hopefully, you will be able to apply the enduring understandings mentioned above to advance your understanding America.

CIVIL WAR UNIT 1: THE PRE-WAR YEARS	
Assignment Titles	
1. Course Overview	11. Abolition and John Brown
2. Development of Two Cultures - Part 1	12. Causes of Secession
3. Development of Two Cultures - Part 2	13. Storm over Sumter
4. Life of a Slave	14. Project: Comparing Wars
5. Project: The Art of Compromise	15. Quiz 3: Point of No Return
6. Quiz 1: Two Cultures in Conflict	16. Special Project
7. Political Compromises	17. Review
8. Kansas-Nebraska Act	18. Test
9. The Kansas Issue	19. Alternate Test
10. Quiz 2: Compromise	20. Glossary and Credits

CIVIL WAR UNIT 2: THE EARLY YEARS	
Assignment Titles	
1. Why Fight?	11. Fredericksburg
2. The Anaconda Plan	12. Emancipation Proclamation
3. First Battle of Bull Run	13. Chancellorsville
4. Project: Anti-War Editorial	14. Quiz 3: Freedom in Turmoil
5. Quiz 1: The War Begins	15. Project: Emancipation Proclamation Discussion
6. Battle of Shiloh	16. Special Project
7. The Summer of '62	17. Review
8. The War in the West	18. Test
9. Quiz 2: The South Takes Control	19. Alternate Test
10. The Lost Orders	20. Glossary and Credits

**CIVIL WAR  
UNIT 3: TURNING POINT**

**Assignment Titles**

- |                                       |                                 |
|---------------------------------------|---------------------------------|
| 1. Leadership of Two Presidents       | 12. Quiz 2: A Nation Suffers    |
| 2. Gettysburg                         | 13. Grierson's Raid             |
| 3. Pickett's Charge                   | 14. Siege of Vicksburg          |
| 4. The Gettysburg Address             | 15. Lee and Grant               |
| 5. Project: Two Presidents            | 16. Quiz 3: Control of the West |
| 6. Quiz 1: The Turning Point          | 17. Special Project             |
| 7. Turmoil on the Home Front          | 18. Review                      |
| 8. Women Make a Difference            | 19. Test                        |
| 9. Effects of War                     | 20. Alternate Test              |
| 10. African Americans in the Military | 21. Glossary and Credits        |
| 11. Project: Effects of War           |                                 |

**CIVIL WAR  
UNIT 4: WAR IN THE SOUTH**

**Assignment Titles**

- |                                  |                               |
|----------------------------------|-------------------------------|
| 1. Turning of the Tide           | 11. Project: Human Rights     |
| 2. Grant and Sherman             | 12. Lincoln's Last Months     |
| 3. The Wilderness Campaign       | 13. Project: Leaving a Legacy |
| 4. Quiz 1: The Tide Turns        | 14. Quiz 3: The End is Near   |
| 5. Petersburg and Atlanta        | 15. Special Project           |
| 6. Atlanta and Shenandoah Valley | 16. Review                    |
| 7. Major Union Advances          | 17. Test                      |
| 8. Quiz 2: Union Avalanche       | 18. Alternate Test            |
| 9. Being a Soldier               | 19. Glossary and Credits      |
| 10. Prison Camps                 |                               |

**CIVIL WAR  
UNIT 5: RECONSTRUCTION OF A NATION**

**Assignment Titles**

- |                                    |                                     |
|------------------------------------|-------------------------------------|
| 1. Petersburg                      | 10. Three New Amendments            |
| 2. Richmond Falls                  | 11. Life After Reconstruction       |
| 3. Lee Surrenders                  | 12. Project: Effects of Amendments  |
| 4. Quiz 1: The War Ends            | 13. Quiz 3: American Paradigm Shift |
| 5. Triumph and Tragedy             | 14. Special Project                 |
| 6. Reconstruction of a Nation      | 15. Review                          |
| 7. Reconstruction Begins           | 16. Test                            |
| 8. Project: History of Impeachment | 17. Alternate Test                  |
| 9. Quiz 2: Triumph and Tragedy     | 18. Glossary and Credits            |

**CIVIL WAR  
UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |               |                   |
|---------------|-------------------|
| 1. Review (1) | 3. Exam           |
| 2. Review (2) | 4. Alternate Exam |

## COLLEGE PLANNER

### COURSE OVERVIEW

College Planner is a one-semester high-school elective, with the following goals:

- guiding students in the entire college process
- planning for college
- selecting the right school
- the application process
- financial aid
- guiding students who may not be headed to college

The program focuses on the decision-making process of choosing a school, covering both the application process and financial requirements. Additionally, for those students who will not be attending college or university, the course surveys non-college options.

Upon completion of the course, students should be able to do the following:

- Articulate reasons for attending college and for choosing a specific institution over another.
- Identify the planning steps to be taken by students during each year of high school.
- Understand the basic differences between the SAT and ACT entrance exams, knowing how best to prepare for each one.
- Understand the major costs of attending college and what financial aid options are available.
- Identify post-high school options for individuals who will not be attending college.

Additionally, students will gain practice in report-writing, covering topics like God's plan, admissions essays, college costs, and more.

<b>COLLEGE PLANNER</b>	
<b>UNIT 1: MY EDUCATIONAL FUTURE</b>	
<b>Assignment Titles</b>	
1. Course Overview	7. Why Choose a Particular School?
2. Who Are You and What Do You Want?	8. What Are Colleges Really Looking For?
3. Report: God's Plan for You	9. Quiz 2: Making Educational Decisions
4. Common Reasons to Go to College	10. Special Project
5. What's God's Will for My Educational Future?	11. Test
6. Quiz 1: Education Goals	12. Reference

<b>COLLEGE PLANNER</b>	
<b>UNIT 2: CHOOSING A COLLEGE</b>	
<b>Assignment Titles</b>	
1. What Type of School is Right for Me?	7. Project: Choose Your School
2. Freshmen/Sophomores: Planning Calendars	8. Quiz 2: Narrowing Down the Choices
3. Juniors/Seniors: Planning Calendars	9. Special Project
4. Quiz 1: Picking the Right School	10. Test
5. Your Ideal School: Creating Your Long List	11. Reference
6. Your Ideal School: Creating Your Short List	

**COLLEGE PLANNER**  
**UNIT 3: ENTRANCE EXAMS AND APPLICATIONS**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. College Entrance Exams: The PSAT                                | 7. Essay: Admissions Essay         |
| 2. College Entrance Exams: The SAT Reasoning and SAT Subject Tests | 8. Athletics and Fine Arts         |
| 3. College Entrance Exams: The ACT                                 | 9. Quiz 2: The Application Process |
| 4. Quiz 1: Entrance Exams  | 10. Special Project                |
| 5. Applications and Recommendations                                | 11. Test                           |
| 6. Admissions Essays   | 12. Reference                      |

**COLLEGE PLANNER**  
**UNIT 4: PAYING FOR COLLEGE**

**Assignment Titles**

- |  |  |
|--|--|
| 1. What Does College Cost?                       | 7. A Message to Parents (and Students) |
| 2. Project: The Costs of College                 | 8. Quiz 2: Financial Aid               |
| 3. How Much Will You Be Expected to Pay?         | 9. Special Project                     |
| 4. Types of Financial Aid: Grants and Loans      | 10. Test                               |
| 5. Quiz 1: College Costs                         | 11. Reference                          |
| 6. Types of Financial Aid: Scholarships and More |  |

**COLLEGE PLANNER**  
**UNIT 5: NON-COLLEGE OPTIONS**

**Assignment Titles**

- |   |                          |
|---|--------------------------|
| 1. Interviewing: Some Questions                 | 7. Review                |
| 2. Project: Your List of Questions              | 8. Quiz 2: Other Options |
| 3. Mentoring                                    | 9. Special Project       |
| 4. Quiz 1: Getting Help with Questions          | 10. Test                 |
| 5. Other Options: Apprenticeship and Internship | 11. Reference            |
| 6. Other Options: Military                      |                          |

## CONSUMER MATH

### COURSE OVERVIEW

Consumer Math is an introduction to the many ways in which math can be used in everyday life. The course gives practical advice on how to handle situations that involve money and math principles. Consumer Math focuses on the basic skills and methods of arithmetic and provides students the opportunity to develop experience with algebraic techniques of evaluating variables and equations, including geometric formulas and interest equations. Students will also be introduced to topics in statistics.

Upon completion of the course, students should be able to do the following:

- Use basic math operations on fractions, decimals, and percents.
- Interpret graphs and charts.
- Understand sets and basic set theory.
- Calculate simple probabilities.
- Calculate statistical measures of variation.
- Use similarity and right triangle ratios for indirect measurement.
- Calculate taxes, discounts, and interest amounts.
- Apply math to everyday concerns, as well as to the realms of business and government.

The major areas of study in this course are as follows:

#### **Number Skills**

Number Skills lessons consist of basic math review. They emphasize non-algebra-related topics, such as decimals, fractions, and percentages, topics that are typically covered before high school.

#### **Statistics**

Statistics lessons are fairly advanced, providing instruction on sets and probability; measures of variation and distribution (such as standard deviation and z-scores); accurate sampling and confidence intervals; data interpretation; and graph creation and interpretation.

#### **Geometry**

Geometry lessons teach about measurement, focusing on applying measurement in the construction/building trades. These lessons cover ratio and proportion; perimeter, area, and volume of two- and three-dimensional figures (including pyramids, cones, cylinders, and spheres); and indirect measurement using similarity and right triangle relationships (including sine, cosine, and tangent).

#### **Personal Finance**

Consumer Math also offers instruction on personal finance, covering topics like job acquisition, payroll deduction, commissions and tips, buying/leasing/renting goods and equipment, health insurance, asset depreciation, vacation and travel costs, retirement, life insurance, and will and estate planning.

#### **Taxes**

Some lessons address the issue of taxes, discussing federal, state, and local taxes, and also FICA and miscellaneous taxes.

#### **Banks and Financial Instruments**

Consumer Math explores the world of banks and financial instruments, covering topics like savings and checking accounts; interest rates; stocks, bonds, and mutual funds; loan financing; credit cards; and mortgages.

**CONSUMER MATH  
UNIT 1: BASIC MATH REVIEW**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Course Overview                       | 17. Quiz 3: Operations With Fractions         |
| 2. Introduction                          | 18. A Ratio Scale, Decimals, and Number Bases |
| 3. Number Skills                         | 19. Operations and Decimals                   |
| 4. Signed Numbers and Measurement Scales | 20. Consumer Application, Metrics             |
| 5. A Consumer Application                | 21. Quiz 4: Decimals                          |
| 6. Division Review                       | 22. Percent                                   |
| 7. Quiz 1: Basic Operations              | 23. Base, Rate, Percentage                    |
| 8. Prime Numbers and Factors             | 24. Problem Solving                           |
| 9. Factors and Products                  | 25. Quiz 5: Percent                           |
| 10. Fractions, LCM, and GCF              | 26. Mental Problem Solving                    |
| 11. Fractions                            | 27. Final Review                              |
| 12. Quiz 2: Fractions                    | 28. Special Project                           |
| 13. Adding and Subtracting Fractions     | 29. Test: Basic Math Review                   |
| 14. Multiplying and Dividing Fractions   | 30. Alternate Test: Basic Math Review         |
| 15. Operations with Mixed Numbers        | 31. Reference                                 |
| 16. Consumer Applications                |   |

**CONSUMER MATH  
UNIT 2: PERSONAL FINANCE**

**Assignment Titles**

- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| 1. Money                            | 12. Quiz 2: Wages                    |
| 2. Finding a Job                    | 13. Self-Employment: Piecework       |
| 3. Job Skills: Using Standard Units | 14. Commission and Tips              |
| 4. Job Skills: Using Metric Units   | 15. Retirement Planning              |
| 5. Converting Systems               | 16. Quiz 3: Other Income             |
| 6. Quiz 1: Job Skills               | 17. Story Problems with Review       |
| 7. Part- and Full-Time Jobs         | 18. Special Project                  |
| 8. Wages                            | 19. Test: Personal Finance           |
| 9. Payroll                          | 20. Alternate Test: Personal Finance |
| 10. Payroll Deductions              | 21. Reference                        |
| 11. Other Deductions                |                                      |

**CONSUMER MATH  
UNIT 3: STATISTICS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Home Budget                           | 13. Using the Standard Normal Distribution |
| 2. Organizing Data                       | 14. Z-Scores and the Normal Distribution   |
| 3. Sets and Probability (I)              | 15. Quiz 3: Measures of Variation          |
| 4. Sets and Probability (II)             | 16. Sampling and Estimation                |
| 5. Representing Data                     | 17. A Balance Sheet                        |
| 6. Quiz 1: Data                          | 18. Quiz 4: Balance Sheet                  |
| 7. Preparing a Cash Budget               | 19. Confidence Intervals                   |
| 8. Using Records in Planning             | 20. Unit Review                            |
| 9. A Home Business Application           | 21. Special Project                        |
| 10. Quiz 2: Records                      | 22. Test: Statistics                       |
| 11. Planning with Measures of Variations | 23. Alternate Test: Statistics             |
| 12. Project: Using Statistics            | 24. Reference                              |

**CONSUMER MATH  
UNIT 4: TAXES AND INSURANCE**

**Assignment Titles**

- |                         |   |
|-------------------------|---|
| 1. Life Insurance       | 11. Quiz 2: Withholding                 |
| 2. Premiums             | 12. Taxes: Local                        |
| 3. Loans and Cash Value | 13. Taxes: Other                        |
| 4. Health Insurance     | 14. Quiz 3: Taxes                       |
| 5. Project: Insurance   | 15. Review                              |
| 6. Other Insurance      | 16. Special Project                     |
| 7. Quiz 1: Insurance    | 17. Test: Taxes and Insurance           |
| 8. Taxes: Federal 1040  | 18. Alternate Test: Taxes and Insurance |
| 9. Taxes: FICA          | 19. Reference                           |
| 10. Taxes: State        |   |

**CONSUMER MATH**  
**UNIT 5: BANKING SERVICES AND INVESTMENTS**

**Assignment Titles**

- |                                 |  |
|---------------------------------|--|
| 1. Selecting a Bank             | 13. Mutual Funds                                     |
| 2. Checking Accounts            | 14. Quiz 3: Investments                              |
| 3. Savings Accounts             | 15. Wills and Estates                                |
| 4. Quiz 1: Accounts             | 16. Project: Wills                                   |
| 5. Reconciling Statements       | 17. Distributing an Estate                           |
| 6. ATMS                         | 18. Quiz 4: Estate Planning                          |
| 7. Simple and Compound Interest | 19. Review   |
| 8. Other Services               | 20. Special Project                                  |
| 9. Quiz 2: Services             | 21. Test: Banking Services and Investments           |
| 10. Financial Planning          | 22. Alternate Test: Banking Services and Investments |
| 11. Stocks                      | 23. Reference  |
| 12. Bonds                       |  |

**CONSUMER MATH**  
**UNIT 6: BANKING AND CREDIT COSTS**

**Assignment Titles**

- |                               |  |
|-------------------------------|--|
| 1. Overdraft Protection       | 10. Sequences, The Rule of 78                |
| 2. Financing Large Purchases  | 11. Credit                                   |
| 3. Interest First Loans       | 12. Credit Card Purchases                    |
| 4. Installment Loans          | 13. Quiz 3: Credit                           |
| 5. Quiz 1: Loans              | 14. Review                                   |
| 6. The Annual Percentage Rate | 15. Special Project                          |
| 7. Automobile Loans           | 16. Test: Banking and Credit Costs           |
| 8. Mortgages                  | 17. Alternate Test: Banking and Credit Costs |
| 9. Quiz 2: Mortgages          | 18. Reference                                |

**CONSUMER MATH**  
**UNIT 7: PURCHASE AND SALE OF GOODS**

**Assignment Titles**

- |                                 |  |
|---------------------------------|--|
| 1. Purchasing and Variables     | 14. Quiz 3: Graphing and Comparing             |
| 2. Discounts                    | 15. Tabular Data Interpretation                |
| 3. More Discounts               | 16. Depreciation Trends                        |
| 4. Markup                       | 17. Buy, Lease, Rent (I)                       |
| 5. Quiz 1: Discounts and Markup | 18. Buy, Lease, Rent (II)                      |
| 6. Graphs and Trends            | 19. Advertisements                             |
| 7. Cost Per Unit                | 20. Quiz 4: Interpreting Data                  |
| 8. Project: Buying Equipment    | 21. Review                                     |
| 9. Tables As Variables          | 22. Special Project                            |
| 10. Quiz 2: Graphs and Tables   | 23. Test: Purchase and Sale of Goods           |
| 11. Graphs, Functions, Slope    | 24. Alternate Test: Purchase and Sale of Goods |
| 12. Project: Data Summaries     | 25. Reference                                  |
| 13. A Comparison Technique      |  |

**CONSUMER MATH**  
**UNIT 8: LEISURE, TRAVEL, AND RETIREMENT**

**Assignment Titles**

- |                                   |   |
|-----------------------------------|---|
| 1. Leisure                        | 11. Retirement Planning                             |
| 2. Free Activities                | 12. Comparing Travel Cost Benefits                  |
| 3. Hobbies                        | 13. Project: Constructions                          |
| 4. Angles                         | 14. Quiz 3: Retirement and Comparing                |
| 5. Outdoor Activities             | 15. Review  |
| 6. Transportation and Travel      | 16. Special Project                                 |
| 7. Quiz 1: Leisure and Travel     | 17. Test: Leisure, Travel, and Retirement           |
| 8. Physical Fitness               | 18. Alternate Test: Leisure, Travel, and Retirement |
| 9. Vacations                      | 19. Reference                                       |
| 10. Quiz 2: Fitness and Vacations |   |



**CONSUMER MATH**  
**UNIT 9: JOB RELATED SERVICES**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Ratio and Proportion                    | 13. Solid Figures with Curved Boundaries |
| 2. Food Services                           | 14. Mixture Problems                     |
| 3. Personal Appearance Services            | 15. Architects and Interior Design       |
| 4. Pricing of Services                     | 16. Quiz 3: Area and Volume              |
| 5. Perimeter and Area                      | 17. Geometry and Indirect Measure        |
| 6. Quiz 1: Ratio, Proportion, and Formulas | 18. Consumer Applications                |
| 7. Facility Capacity Estimation            | 19. Quiz 4: Application Problems         |
| 8. Applications                            | 20. Review                               |
| 9. Circles                                 | 21. Special Project                      |
| 10. Area Applications                      | 22. Test: Job Related Services           |
| 11. Quiz 2: Area                           | 23. Alternate Test: Job Related Services |
| 12. Solid Figures with Plane Boundaries    | 24. Reference                            |

**CONSUMER MATH**  
**UNIT 10: CONSUMER MATH REVIEW**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Review: Basic Math (I)                    | 16. Quiz 3: Banking, Credit                 |
| 2. Review: Basic Math (II)                   | 17. Review: Purchase and Sale of Goods (I)  |
| 3. Review: Measurement                       | 18. Review: Purchase and Sale of Goods (II) |
| 4. Review: Personal Finance (I)              | 19. Review: Travel                          |
| 5. Review: Personal Finance (II)             | 20. Quiz 4: Purchases, Sales, Travel        |
| 6. Quiz 1: Basic Math, Measurement, Finances | 21. Review: Leisure and Retirement          |
| 7. Review: Budgeting (I)                     | 22. Review: Geometry                        |
| 8. Review: Budgeting (II)                    | 23. Review: Job Related Services            |
| 9. Review: Insurance                         | 24. Quiz 5: Leisure, Geometry, Services     |
| 10. Review: Taxes                            | 25. Extra Practice                          |
| 11. Quiz 2: Budgeting, Insurance, Taxes      | 26. Final Review                            |
| 12. Review: Banking and Investment (I)       | 27. Special Project                         |
| 13. Review: Banking and Investment (II)      | 28. Test: Consumer Math Review              |
| 14. Review: Banking and Credit Costs (I)     | 29. Alternate Test: Consumer Math Review    |
| 15. Review: Banking and Credit Costs (II)    | 30. Reference                               |

## DIGITAL ARTS

### COURSE OVERVIEW

Digital Arts is a semester-long elective designed to provide computer science students with an introduction to visualization-graphics programming on computers. To equip students for today's digitally driven lifestyle, this course focuses on using a digital camera and the practical application of digital imaging and editing programs. Additionally, students will work with audio-editing programs, and will also examine 3D technology and cinematography.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

DIGITAL ARTS		
UNIT 1: DIGITAL ARTS		
Assignment Titles		
1. Course Overview	27	3D Animation
2. Introduction to Digital Arts	28.	Project: 3D Animation
3. Project: Introduction to Digital Arts	29.	3D Animation - More Than Entertainment
4. Why Do We Study Digital Art?	30.	Digital SFX for Film and Video
5. Digital Art as Mass Communication	31.	Project: Digital SFX for Film and Video
6. Project: Digital Art as Mass Communication	32.	Digital Video Revolution
7. Citizen Media	33.	Project: Digital Video Revolution
8. Project: Citizen Media	34.	Digital Cinematography
9. What is Digital Photography?	35.	Post Production
10. Project: What is Digital Photography?	36.	What's Next?
11. How the Digital Camera Works	37.	Project: What's Next?
12. Project: How the Digital Camera Works	38.	Web Basics
13. Shooting Technique	39.	Introduction to Web Design
14. Project: Shooting Technique	40.	Project: Introduction to Web Design
15. Types of Photography	41.	Websites - Mixing Light Entertainment with Income Generation
16. Digital Image Editing	42.	Project: Websites - Mixing Light Entertainment with Income Generation
17. Digital Image Editing Software	43.	Digital Gaming - A Brief History
18. Photoshop Express	44.	Gaming Today
19. Project: Photoshop Express	45.	Virtual Reality - Practical Applications
20. Show and Tell	46.	Virtual Reality - Cutting Edge
21. Project: Show and Tell	47.	Project: Virtual Reality - Cutting Edge
22. Audio Recording and Playback	48.	The Future of Digital Art
23. Analog vs. Digital Audio	49.	Project: The Future of Digital Arts
24. Digital Audio Editing	50.	Glossary and Credits
25. Project: Digital Audio Editing		
26. 2D Animation		

## EARTH SCIENCE

### COURSE OVERVIEW

Earth Science is a high school science course that explores Earth's structure, interacting systems, and place in the universe. The course uncovers concepts and processes found in:

- astronomy – Earth's place in and interaction with space,
- geology – physical structure and dynamic processes,
- meteorology – atmosphere, weather and climate, and
- oceanography – oceans and marine life.

Students will have the opportunity to evaluate and explore many scientific concepts by participating in interactive lab sessions, conducting hands-on activities, and completing projects designed to improve the understanding of Earth and its dynamic functions.

Upon completion of the course, students should be able to do the following:

- Gain increased awareness about where Earth came from, how Earth functions and sustains life, and how the many systems and processes of Earth rely on and balance one another.
- Improve scientific evaluation skills and apply them to the study of Earth's physical geography and dynamic processes.
- Discover tools that allow for the study of Earth and its further exploration.

EARTH SCIENCE	
UNIT 1: DYNAMIC STRUCTURE OF EARTH	
Assignment Titles	
1. Course Overview	14. Quiz 2: Earth's Dynamic Internal Structure
2. Introduction to Earth Science	15. The Spheres of Earth
3. Project: Research a Career	16. Project: Sphere Interaction Lab
4. A Unique Planet	17. Geochemical Cycles: Cycles of Earth Materials
5. Project: Earth Comparisons	18. Biogeochemical Cycles: Cycles of Life Materials
6. Quiz 1: Introduction to Earth Science	19. Flow of Energy in Ecosystems
7. Layers of the Earth	20. Project: Flow of Energy
8. Project: Building a Model of the Earth	21. Quiz 3: Earth's Dynamic External Structure
9. Continental Drift	22. Special Project
10. Plate Tectonics	23. Review
11. Project: Mantle Convection	24. Test
12. Plate Boundaries	25. Alternate Test
13. Project: Plate Boundaries	26. Glossary and Credits

EARTH SCIENCE	
UNIT 2: FORCES AND FEATURES OF EARTH	
Assignment Titles	
1. Force of Earthquakes	12. Using Geologic Maps
2. Measuring The Force of Earthquakes	13. Using Topographic Maps
3. Features of Earthquakes	14. Project: Mapping
4. Project: Earthquake Features Lab	15. Project: Create a Topographic Map
5. Quiz 1: Earthquakes	16. Quiz 3: Identifying Features of Earth
6. Force of Volcanoes	17. Special Project
7. Impact of Volcanoes	18. Review
8. Prediction of Volcanoes	19. Test
9. Features of Volcanoes	20. Alternate Test
10. Project: Volcanic Features Lab	21. Glossary and Credits
11. Quiz 2: Volcanoes	

**EARTH SCIENCE**  
**UNIT 3: FEATURES OF EARTH'S CRUST**

**Assignment Titles**

- |                                   |                             |
|-----------------------------------|-----------------------------|
| 1. Minerals                       | 11. Quiz 2                  |
| 2. Project: Crystal Systems       | 12. Renewable Resources     |
| 3. Mineral Identification         | 13. Nonrenewable Resources  |
| 4. Project: Identifying a Mineral | 14. Project: Nuclear Energy |
| 5. Quiz 1                         | 15. Quiz 3                  |
| 6. Igneous Rocks                  | 16. Special Project         |
| 7. Sedimentary Rocks              | 17. Review                  |
| 8. Metamorphic Rocks              | 18. Test                    |
| 9. The Rock Cycle                 | 19. Alternate Test          |
| 10. Project: Identifying a Rock   | 20. Glossary and Credits    |

**EARTH SCIENCE**  
**UNIT 4: SHAPING EARTH'S CRUST**

**Assignment Titles**

- |                                |   |
|--------------------------------|---|
| 1. Weathering                  | 10. Quiz 2: Weathering and Erosion              |
| 2. Erosion                     | 11. Destructive Forces                          |
| 3. Soil Formation              | 12. Constructive Forces                         |
| 4. Project: Soil Particles     | 13. Quiz 3: Destructive and Constructive Forces |
| 5. Quiz 1: Shaping the Surface | 14. Special Project                             |
| 6. Rivers and Waves            | 15. Review                                      |
| 7. Gravity and Glaciers        | 16. Test  |
| 8. Project: Ice Erosion        | 17. Alternate Test                              |
| 9. Wind                        | 18. Glossary and Credits                        |

**EARTH SCIENCE**  
**UNIT 5: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |               |                   |
|---------------|-------------------|
| 1. Review (1) | 3. Exam           |
| 2. Review (2) | 4. Alternate Exam |

**EARTH SCIENCE**  
**UNIT 6: EARTH'S WATER**

**Assignment Titles**

- |  |   |
|--|---|
| 1. The Water Cycle                       | 12. Quiz 2                                |
| 2. Project: Water Purification           | 13. Ocean Water                           |
| 3. Water Basics                          | 14. Experiment: Fresh Water vs. Saltwater |
| 4. Water Distribution                    | 15. Waves and Tides                       |
| 5. Project: Water Conservation           | 16. Currents                              |
| 6. Quiz 1                                | 17. Quiz 3                                |
| 7. Groundwater                           | 18. Special Project                       |
| 8. Experiment: Porosity and Permeability | 19. Review                                |
| 9. Lakes and Rivers                      | 20. Test                                  |
| 10. Glaciers and Ice Caps                | 21. Alternate Test                        |
| 11. Experiment: Glacier Activity         | 22. Glossary and Credits                  |

**EARTH SCIENCE**  
**UNIT 7: EARTH'S ATMOSPHERE**

**Assignment Titles**

- |                                      |                                     |
|--------------------------------------|-------------------------------------|
| 1. Importance of the Atmosphere      | 11. Alternate Project: Barometers   |
| 2. Structure of the Atmosphere       | 12. Quiz 2: Earth-Sun Relationships |
| 3. Project: Layers of the Atmosphere | 13. Air Pollution                   |
| 4. Quiz 1: The Atmosphere            | 14. Project: Greenhouse Effect      |
| 5. Atmospheric Cycles                | 15. Quiz 3: Human Relationship      |
| 6. Solar Interaction                 | 16. Special Project                 |
| 7. Project: Solar Energy             | 17. Review                          |
| 8. Alternate Project: Temperature    | 18. Test                            |
| 9. Air Pressure and Winds            | 19. Alternate Test                  |
| 10. Project: Air Circulation         | 20. Glossary and Credits            |

**EARTH SCIENCE**  
**UNIT 8: EARTH'S WEATHER AND CLIMATE**

**Assignment Titles**

- |                                       |   |
|---------------------------------------|---|
| 1. Weather and Climate                | 12. Project: Research Your Climate        |
| 2. Project: Weather or Climate?       | 13. Quiz 2: Causes of Weather and Climate |
| 3. Clouds and Precipitation           | 14. Weird Weather                         |
| 4. Project: Clouds and Weather        | 15. Measuring Weather                     |
| 5. Project: Clouds and Rain           | 16. Project: Predict the Weather          |
| 6. Air Masses and Fronts              | 17. Quiz 3: Predicting Weather            |
| 7. Quiz 1: Weather Factors of the Sky | 18. Special Project                       |
| 8. Solar Power                        | 19. Review                                |
| 9. Project: Control the Weather       | 20. Test                                  |
| 10. Geographical Effects              | 21. Alternate Test                        |
| 11. Climate Regulation and Change     | 22. Glossary and Credits                  |

**EARTH SCIENCE**  
**UNIT 9: ASTRONOMY**

**Assignment Titles**

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| 1. Earth's Place in the Solar System  | 10. Galaxies                      |
| 2. Project: Scale of the Solar System | 11. Project: Identifying Galaxies |
| 3. Planetary Motion                   | 12. Quiz 2: Stars and Galaxies    |
| 4. Ability To Orbit                   | 13. Special Project               |
| 5. Project: Newton's Law              | 14. Review                        |
| 6. Earth's Motion, Seasons, and Moon  | 15. Test                          |
| 7. Quiz 1: Solar System               | 16. Alternate Test                |
| 8. Characteristics of Stars           | 17. Glossary and Credits          |
| 9. Structure of the Sun               |                                   |

**EARTH SCIENCE**  
**UNIT 10: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |               |                   |
|---------------|-------------------|
| 1. Review (1) | 3. Exam           |
| 2. Review (2) | 4. Alternate Exam |

## ELEMENTARY FRENCH

### COURSE OVERVIEW

Elementary French introduces students grades 3-6 to the French language and culture. This five-unit course focuses on developing and integrating language skills through communication, culture, connections, comparisons, and communities.

Course materials rely heavily on visual and audio media and encourage students to take an active part in listening and responding. Students are also encouraged to use the French language in creating stories similar to the ones they see and hear in the course.

Upon successfully completing the course, the student should have mastered the following concepts:

- Learn sufficient vocabulary and structures in the French language to allow for elementary communication.
- Interpret written French on a variety of basic topics.
- Use the language in the learning setting.
- Use the language for personal enjoyment and enrichment.

ELEMENTARY FRENCH UNIT 1	
Assignment Titles	
1. Course Overview	9. Lost in the Banana Trees
2. Flight to the Island	10. Danger in the Jungle
3. Meeting Derek & Pierre	11. Three Dangers; The Broken Window 1
4. A Girl & a Rat	12. The Broken Window 2
5. A Treasure Map	13. The Broken Window 3
6. Puzzled at the Falls	14. Meeting Jacqueline
7. A Snack With Pierre	15. Nearing the Final Treasure
8. Bananas, Anyone?	16. Beach Party With Friends

ELEMENTARY FRENCH UNIT 2	
Assignment Titles	
1. Another Adventure: Grandpa Glen's Puzzle	9. The Three Little Pigs 7
2. Songs 1	10. The Three Little Pigs 8
3. The Three Little Pigs 1	11. Word Puzzle 1
4. The Three Little Pigs 2	12. A Circus Act 1
5. The Three Little Pigs 3	13. A Circus Act 2
6. The Three Little Pigs 4 (Review)	14. A Circus Act 3 (Review)
7. The Three Little Pigs 5	15. Word Puzzle 2
8. The Three Little Pigs 6	

ELEMENTARY FRENCH UNIT 3	
Assignment Titles	
1. Songs 2	9. Chicken Little 8
2. Chicken Little 1	10. Word Puzzle 3
3. Chicken Little 2	11. The Mantis and the Butterfly 1
4. Chicken Little 3	12. The Mantis and the Butterfly 2
5. Chicken Little 4 (Review)	13. The Mantis and the Butterfly 3 (Review)
6. Chicken Little 5	14. Word Puzzle 4
7. Chicken Little 6	15. Grandpa! The Reunion
8. Chicken Little 7	

**ELEMENTARY FRENCH  
UNIT 4****Assignment Titles**

- |  |  |
|--|--|
| 1. The Adventure Continues: Martinique | 6. The Dog, the Cat, and the Mouse 1   |
| 2. Songs 3                             | 7. The Dog, the Cat, and the Mouse 2   |
| 3. The Three Bears 1                   | 8. Word Puzzle 6                       |
| 4. The Three Bears 2                   | 9. Hard Days                           |
| 5. Word Puzzle 5                       | 10. The Adventure Continues: Treasure! |

**ELEMENTARY FRENCH  
UNIT 5****Assignment Titles**

- |   |   |
|---|---|
| 1. The Adventure Continues: C te d'Ivoire | 6. A Boy and His Goat 1                       |
| 2. Songs 4                                | 7. A Boy and His Goat 2                       |
| 3. The Hunter and the Thief 1             | 8. Word Puzzle 8                              |
| 4. The Hunter and the Thief 2             | 9. Un Sandwich dans l'Univers                 |
| 5. Word Puzzle 7                          | 10. Safe Return: Mission Accomplished; Review |

## ELEMENTARY SPANISH

### ELEMENTARY SPANISH

#### UNIT 1

##### Assignment Titles

- |  |  |
|--|--|
| 1. In the Attic  | 8. The Farmer & the Turnip 2               |
| 2. Overboard, and to the Island!                               | 9. Party with Javier                       |
| 3. Meeting Gabriela  | 10. Meeting Constanca                      |
| 4. Talking on the Radio  | 11. Esmeralda's Story; The Broken Window 1 |
| 5. Meeting Pablo by the Pond                                   | 12. The Broken Window 2                    |
| 6. At the Market with Marcela                                  | 13. Meeting Esteban at the Beach           |
| 7. Trek to the Middle of the Island; The Farmer & the Turnip 1 | 14. A Party of Friends                     |

### ELEMENTARY SPANISH

#### UNIT 2

##### Assignment Titles

- |  |                             |
|--|-----------------------------|
| 1. The Adventure Begins: Learn About the Yucatán | 9. The Three Little Pigs 7  |
| 2. Songs 1                                       | 10. The Three Little Pigs 8 |
| 3. The Three Little Pigs 1                       | 11. Word Puzzle 1           |
| 4. The Three Little Pigs 2                       | 12. A Circus Act 1          |
| 5. The Three Little Pigs 3                       | 13. A Circus Act 2          |
| 6. The Three Little Pigs 4 (Review)              | 14. A Circus Act 3 (Review) |
| 7. The Three Little Pigs 5                       | 15. Word Puzzle 2           |
| 8. The Three Little Pigs 6                       |                             |

### ELEMENTARY SPANISH

#### UNIT 3

##### Assignment Titles

- |  |   |
|--|---|
| 1. The Adventure Continues: In the Caves | 9. Chicken Little 8                         |
| 2. Chicken Little 1                      | 10. Word Puzzle 3                           |
| 3. Chicken Little 2                      | 11. The Mantis and the Butterfly 1          |
| 4. Chicken Little 3                      | 12. The Mantis and the Butterfly 2          |
| 5. Chicken Little 4 (Review)             | 13. The Mantis and the Butterfly 3 (Review) |
| 6. Chicken Little 5                      | 14. Word Puzzle 4                           |
| 7. Chicken Little 6                      | 15. Word Puzzle 5                           |
| 8. Chicken Little 7                      |   |

### ELEMENTARY SPANISH

#### UNIT 4

##### Assignment Titles

- |  |  |
|--|--|
| 1. The Adventure Continues: Isla Mujeres | 6. The Dog, the Cat, and the Mouse 1   |
| 2. Songs 2                               | 7. The Dog, the Cat, and the Mouse 2   |
| 3. The Three Bears 1                     | 8. Word Puzzle 7                       |
| 4. The Three Bears 2                     | 9. Hard Days                           |
| 5. Word Puzzle 6                         | 10. The Adventure Continues: Treasure! |

### ELEMENTARY SPANISH

#### UNIT 5

##### Assignment Titles

- |  |                                       |
|--|---------------------------------------|
| 1. The Adventure Continues: Costa Rica | 6. A Boy and His Goat 1               |
| 2. Songs 3                             | 7. A Boy and His Goat 2               |
| 3. The Hunter and the Thief 1          | 8. Word Puzzle 9                      |
| 4. The Hunter and the Thief 2          | 9. Un Sandwich en el Universo         |
| 5. Word Puzzle 8                       | 10. Safe Return: Mission Accomplished |



## ESSENTIALS OF BUSINESS

### COURSE OVERVIEW

This semester-long course is an introduction to the goals, processes, and operations of business enterprises for students. The main focus is on the functions that a company – whether a multinational corporation or a corner grocery store – must manage effectively to be successful. These include accounting, finance, human resource management, marketing, operations management, and strategic planning. Attention is also given to the legal environment in which businesses operate, and the importance of business ethics and corporate citizenship.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Upon completion of the course, students should be able to do the following:

- Apply business concepts to their lives
- Compare and contrast market economies with controlled economy
- Describe the six areas of human resource management
- List and define the legal forms of business ownership
- Name and describe the components of successful business communication
- Analyze ways in which technology is changing business operations

<b>ESSENTIALS OF BUSINESS</b>	
<b>UNIT 1: ESSENTIALS OF BUSINESS</b>	
<b>Assignment Titles</b>	
1. Course Overview	23. Consumer Rights
2. Principles of Training	24. Project: Consumer Rights
3. Your Role in Business	25. Business Leadership Skills
4. Project: Your Role in the Business	26. Project: Business Leadership Skills
5. Business Career Choices	27. Group Dynamics in the Business Setting
6. Project: Business Career Choices	28. Team-Building Skills in Business
7. Selling Yourself	29. Business Ethics
8. Project: Selling Yourself	30. Project: Business Ethics
9. Market-Based Economy	31. Business Etiquette
10. Business Economics Wants vs. Needs	32. Methods of Business Communication
11. Unlimited Wants vs. Limited Resources	33. Verbal and Nonverbal Business Communication
12. Project: Unlimited Wants vs Limited Resources	34. Business Letters and Memos
13. Human Resources	35. Project: Business Letters and Memos
14. Marketing and Advertising	36. Business Presentations and Delivery
15. Project: Marketing and Advertising	37. Business Technology
16. Sales Techniques and Careers	38. Use of Technology in Business
17. Project: Sales Techniques and Careers	39. Project: Use of Technology in Business
18. Business Structures	40. Channels of Business Communication
19. Management	41. Role of Future Business Leaders of America
20. Finance Options, Credit Use, and Banking	42. Project: Role of Future Business Leaders of America
21. Project: Finance Options, Credit Use, and Banking	43. Glossary and Credits
22. Recordkeeping Money and Asset Management	

## ESSENTIALS OF MATHEMATICS

### COURSE OVERVIEW

Essentials of Mathematics is a semester-length review of the fundamentals taught in Pre-Algebra, Algebra I and Geometry courses and is useful at the high school level for basic skill remediation and/or practice necessary to prepare for a state exam. The course highlights basic mathematical skills through multiple review, practice and sample exam questions.

Upon successfully completing the course, the student should have mastered the following concepts:

- Understand and know how to compute and define rational numbers
- Perform basic operations such as addition, subtraction, multiplication, and division with fractions, decimals, and percents
- Apply basic fundamental rules of exponents as well as scientific notation
- Be able to construct basic and complex geometric shapes; solve for perimeter, area, surface area, and volume
- Use inductive and deductive reasoning, conjectures, and estimation necessary to construct a picture, formula or equation needed for analyzing and solving algebraic and geometric word problems involving basic probability and statistical reasoning, scale factor, graphic representation of quantities, and linear systems of equations
- Solve single variable, absolute value, and linear systems of equations
- Evaluate, solve, and graph linear functions as well as conceptualize the relationship between the independent and dependent variable of a function
- Simplify and perform operations with radical expressions and polynomials
- Understand and know how to apply the slope-intercept form of a line, slope formula, and Pythagorean theorem

ESSENTIALS OF MATHEMATICS	
UNIT 1: NUMBER SENSE	
Assignment Titles	
1. Course Overview	9. Fractions and Factoring
2. Reviewing Rational Numbers	10. Using Exponent Rules
3. Absolute Value and Integers	11. Exponents in Scientific Notation
4. Quiz 1: Reviewing Rational Numbers	12. Negative Whole-Number Exponents
5. Converting Fractions to Decimals and Percents	13. Powers and Roots
6. Working with Percents (1) Increase and Decrease	14. Quiz 3: Fractions and Factoring, Exponents, Powers and Roots
7. Working with Percents (2) Applications of Percents	15. Test
8. Quiz 2: Fractions, Decimals, and Percents	

ESSENTIALS OF MATHEMATICS	
UNIT 2: STATISTICS, DATA, ANALYSIS, AND PROBABILITY	
Assignment Titles	
1. Measures of Central Tendency	6. Representing Probabilities
2. Evaluating Statistical Claims	7. Independent and Dependent Variables
3. Displaying and Comparing Data Sets	8. Quiz 2: Probability
4. Quiz 1: Working with Data	9. Test
5. Outcomes	

**ESSENTIALS OF MATHEMATICS  
UNIT 3: ALGEBRA AND FUNCTIONS**

**Assignment Titles**

- |                                     |  |
|-------------------------------------|--|
| 1. Order of Operations              | 7. Inverse Operations                          |
| 2. Working with Exponents and Roots | 8. Solving Two-Step Equations and Inequalities |
| 3. The Distributive Property        | 9. Writing Mathematical Statements             |
| 4. Add and Subtract Polynomials     | 10. Quiz 2: Solving Equations and Inequalities |
| 5. Multiply and Divide Polynomials  | 11. Test                                       |
| 6. Quiz 1: Simplifying Expressions  |  |

**ESSENTIALS OF MATHEMATICS  
UNIT 4: MEASUREMENT AND GEOMETRY**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Measurement Systems                 | 9. Complex 3D Objects                     |
| 2. Scale Drawings and Models           | 10. Geometric Shapes: Scale Factors       |
| 3. Measures of Rates and Products      | 11. Quiz 2: Complex Objects               |
| 4. Perimeter and Area: 2D Figures      | 12. Pythagorean Theorem                   |
| 5. Surface Area and Volume: 3D Figures | 13. Coordinate Graphs                     |
| 6. Quiz 1: Measurement and Geometry    | 14. Transformations and Congruent Figures |
| 7. Converting Between Units of Measure | 15. Quiz 3: Coordinate Geometry           |
| 8. Complex 2D Objects                  | 16. Test                                  |

**ESSENTIALS OF MATHEMATICS  
UNIT 5: MATHEMATICAL REASONING**

**Assignment Titles**

- |                       |                                      |
|-----------------------|--------------------------------------|
| 1. Analyzing Problems | 5. Inductive and Deductive Reasoning |
| 2. Making Conjectures | 6. Solving Problems                  |
| 3. Estimation (1)     | 7. Quiz 1: Mathematical Reasoning    |
| 4. Estimation (2)     | 8. Test                              |

**ESSENTIALS OF MATHEMATICS  
UNIT 6: ALGEBRA I**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Graphs and Charts                   | 10. Solving Linear Inequalities                |
| 2. Represent Data                      | 11. Quiz 2: Equations                          |
| 3. Graphing Linear Functions           | 12. Multi-Step Word Problems (Rate)            |
| 4. Parallel Lines                      | 13. Multi-Step Word Problems (Work)            |
| 5. Solutions of Linear Equations       | 14. Multi-Step Word Problems (Percent Mixture) |
| 6. Graphing Higher Power Functions     | 15. System of Equations                        |
| 7. Quiz 1: Graphing                    | 16. System of Linear Inequalities              |
| 8. Solving Absolute Value Inequalities | 17. Quiz 3: Equations                          |
| 9. Solving Linear Equations            | 18. Test                                       |

**ESSENTIALS OF MATHEMATICS  
UNIT 7: FINAL EXAM**

**Assignment Titles**

- |               |                         |
|---------------|-------------------------|
| 1. Final Exam | 2. Alternate Final Exam |
|---------------|-------------------------|

## FAMILY AND CONSUMER SCIENCE

### COURSE OVERVIEW

Family and Consumer Science is a 10-unit elective that uses biblical principles to help high school students develop positive self-esteem and learn to successfully navigate relationships with family, friends, co-workers, and even those in the marketplace. The curriculum introduces students to character and appearance from a biblical perspective. The material also teaches about nutrition, clothing styles, home care and hospitality, personal finance, and child development and care.

Through this course, students will do the following:

- Examine specific principles that will help develop their personal lives from a Christian perspective.
- Learn about proper nutrition and demonstrate skill in preparing various food items.
- Identify the purposes for making specific choices in clothes.
- Prepare weekly and monthly budgets.
- Develop skills necessary to care for children ranging from birth to young school-age.
- Develop an understanding of relational dynamics with family members, friends, classmates, co-workers, and those encountered in the marketplace.

FAMILY AND CONSUMER SCIENCE	
UNIT 1: CHRISTIAN CHARACTER AND APPEARANCE	
Assignment Titles	
1. Course Overview	11. Grooming
2. Inner Beauty: Character Qualities	12. Project: Posture
3. Biblical Principles vs. Personal Preferences	13. Quiz 2
4. Personality Strengths and Weaknesses	14. Behavioral Beauty: Actions
5. Project: Identify Your Strengths and Weaknesses	15. Communication
6. Quiz 1	16. Quiz 3
7. Physical Beauty: Health	17. Special Project
8. Project: Self-Evaluation Quiz	18. Test
9. Nutrition and Exercise	19. Alternate Test
10. Hygiene	20. Reference

FAMILY AND CONSUMER SCIENCE	
UNIT 2: WHAT'S COOKIN'?	
Assignment Titles	
1. Getting Acquainted with the Kitchen	9. Meal Management
2. Utensils	10. Reading Labels
3. Project: Kitchen Tools	11. Food Storage
4. Kitchen Safety	12. Quiz 3
5. Quiz 1	13. Special Project
6. Recipes	14. Test
7. Measuring Ingredients	15. Alternate Test
8. Quiz 2	16. Reference

**FAMILY AND CONSUMER SCIENCE  
UNIT 3: LET'S EAT**

**Assignment Titles**

- |   |                              |
|---|------------------------------|
| 1. Nutrition                              | 18. Breads                   |
| 2. Vitamins                               | 19. Project: Bake Bread      |
| 3. Project: Nutrient Guide                | 20. Quiz 2                   |
| 4. My Plate                               | 21. Meal Planning            |
| 5. Heart Healthy Eating and Special Diets | 22. Project: Menu for a Week |
| 6. Quiz 1                                 | 23. Making a Grocery List    |
| 7. Food Preparation                       | 24. Quiz 3                   |
| 8. Vegetables                             | 25. Food Service             |
| 9. Fruits and Milk                        | 26. Table Setting            |
| 10. Meat, Poultry, Fish                   | 27. Table Waiting            |
| 11. Project: Beef or Vegetable Stew       | 28. Project: Plan Meals      |
| 12. Soups, Salads, and Garnishes          | 29. Quiz 4                   |
| 13. Project: Prepare a Salad or Soup      | 30. Special Project          |
| 14. Baking                                | 31. Test                     |
| 15. Project: Cookies                      | 32. Alternate Test           |
| 16. Project: Scratch Cake                 | 33. Reference                |
| 17. Project: Bake a Pie                   |                              |

**FAMILY AND CONSUMER SCIENCE  
UNIT 4: THE CLOTHES YOU WEAR**

**Assignment Titles**

- |   |                            |
|---|----------------------------|
| 1. The Clothes You Wear                 | 13. Textiles and Fabrics   |
| 2. Fashion Knowledge                    | 14. Man-Made Fibers        |
| 3. Project: Style, Fad, and Fashion     | 15. Quiz 3                 |
| 4. Project: Draped, Tailored, Composite | 16. Care of Clothes        |
| 5. Clothing Business Terms              | 17. Project: Sewing Skills |
| 6. Project: Wardrobe Inventory          | 18. Emergency Repairs      |
| 7. Quiz 1                               | 19. Laundering             |
| 8. Design and Appearance                | 20. Quiz 4                 |
| 9. Garment Styles and Parts             | 21. Special Project        |
| 10. Clothes For You                     | 22. Test                   |
| 11. Project: Garment Design             | 23. Alternate Test         |
| 12. Quiz 2                              | 24. Reference              |

**FAMILY AND CONSUMER SCIENCE  
UNIT 5: THE CLOTHES YOU SEW**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Sewing Equipment                               | 16. Quiz 2                                 |
| 2. Sewing Machines                                | 17. Selecting Pattern, Fabric, and Notions |
| 3. Safety   | 18. Project: Measuring for Fit             |
| 4. Project: Calamity Claire                       | 19. The Language of Patterns               |
| 5. Quiz 1   | 20. Pattern                                |
| 6. Basic Sewing                                   | 21. Quiz 3                                 |
| 7. Project: Sewing Seams                          | 22. Layout, Cutting, Marking, and Pressing |
| 8. Machine Stitches                               | 23. Project: Tracing Patterns              |
| 9. Project: Sewing Stitches by Machine            | 24. Project: Sewing Project                |
| 10. Seams and Seam Finishes                       | 25. Quiz 4                                 |
| 11. Project: Sewing Curved Seams                  | 26. Special Project                        |
| 12. Darts, Tucks, Pleats, Gatherings, and Facings | 27. Test                                   |
| 13. Project: Darts                                | 28. Alternate Test                         |
| 14. Closures                                      | 29. Reference                              |
| 15. Project: Zippers                              |  |

**FAMILY AND CONSUMER SCIENCE  
UNIT 6: INTERIOR DECORATING**

**Assignment Titles**

- |   |                                    |
|---|------------------------------------|
| 1. A Brief History of Interior Decoration | 14. Wall Treatments                |
| 2. English Design                         | 15. Lighting                       |
| 3. Traditional American Design            | 16. Quiz 3                         |
| 4. Project: Time Periods                  | 17. Visual Enrichment              |
| 5. Quiz 1                                 | 18. Project: Model Home Field Trip |
| 6. Introduction to Design and Decoration  | 19. Project: Design Notebook       |
| 7. Line                                   | 20. Sewing for the Home            |
| 8. Project: Floor Plan Measurements       | 21. Project: Pillow Project        |
| 9. Project: Furniture Placement           | 22. Quiz 4                         |
| 10. Project: Room Design                  | 23. Special Project                |
| 11. Project: Spirit of the Room           | 24. Test                           |
| 12. Quiz 2                                | 25. Alternate Test                 |
| 13. Specific Treatments                   | 26. Reference                      |

**FAMILY AND CONSUMER SCIENCE  
UNIT 7: YOUR HOME AND YOU**

**Assignment Titles**

- |                             |                                 |
|-----------------------------|---------------------------------|
| 1. Hospitality              | 11. Project: Cleaning Schedule  |
| 2. Types of Entertainment   | 12. Basic Tools                 |
| 3. Project: Party Planning  | 13. Project: Home Repair        |
| 4. Overnight Guests         | 14. Auto Care and Repair        |
| 5. Project: Thank You Notes | 15. Project: Auto Service Check |
| 6. Quiz 1                   | 16. Quiz 3                      |
| 7. Etiquette                | 17. Special Project             |
| 8. Dating Etiquette         | 18. Test                        |
| 9. Quiz 2                   | 19. Alternate Test              |
| 10. Home Management         | 20. Reference                   |

**FAMILY AND CONSUMER SCIENCE  
UNIT 8: FINANCIAL FREEDOM**

**Assignment Titles**

- |                                    |   |
|------------------------------------|---|
| 1. Getting a Job                   | 11. Project: Purchase Agreements        |
| 2. Project: Application            | 12. Insurance and Income Tax            |
| 3. The Résumé                      | 13. Quiz 2                              |
| 4. Quiz 1                          | 14. Legal Matters, Forms, and Contracts |
| 5. Personal Finance                | 15. Purchasing and Owning a Car         |
| 6. Personal Banking and Investment | 16. Quiz 3                              |
| 7. Personal Budgeting              | 17. Special Project                     |
| 8. Project: Financial Goals        | 18. Test                                |
| 9. Project: Spending Patterns      | 19. Alternate Test                      |
| 10. Social Security                | 20. Reference                           |

**FAMILY AND CONSUMER SCIENCE  
UNIT 9: CHILD DEVELOPMENT AND CARE**

**Assignment Titles**

- |                                     |  |
|-------------------------------------|--|
| 1. Ages and Stages                  | 15. Project: Finger Painting           |
| 2. Intellect (Wisdom)               | 16. Science                            |
| 3. Social, Emotional, and Spiritual | 17. Quiz 2                             |
| 4. Project: Observing Children      | 18. Safety and First Aid               |
| 5. Quiz 1                           | 19. Three Common Children's Conditions |
| 6. Care of Children                 | 20. Quiz 3                             |
| 7. Project: Diaper Changing         | 21. The Business of Babysitting        |
| 8. Creative Child Care              | 22. Information You Need               |
| 9. Activities                       | 23. Quiz 4                             |
| 10. Project: Toy Evaluation         | 24. Special Project                    |
| 11. Project: Making a Toy           | 25. Test                               |
| 12. Literature                      | 26. Alternate Test                     |
| 13. Project: Children's Story       | 27. Reference                          |
| 14. Music                           |  |

**FAMILY AND CONSUMER SCIENCE  
UNIT 10: RELATIONSHIPS****Assignment Titles**

- |   |                             |
|---|-----------------------------|
| 1. At Home                                    | 14. Quiz 4                  |
| 2. Siblings                                   | 15. Choosing the Right Mate |
| 3. Quiz 1                                     | 16. Project: Psalm 37:4     |
| 4. At School and Work                         | 17. Dating                  |
| 5. Teachers                                   | 18. Marriage                |
| 6. Boss and Co-Workers                        | 19. Project: Short Essay    |
| 7. Project: Random Act of Kindness            | 20. Parental Involvement    |
| 8. Project: Food For Thought                  | 21. Quiz 5                  |
| 9. Quiz 2                                     | 22. Special Project         |
| 10. At Church                                 | 23. Test                    |
| 11. The Family's Responsibility to the Church | 24. Alternate Test          |
| 12. Quiz 3                                    | 25. Reference               |

## FOUNDATIONS FOR LIVING

### COURSE OVERVIEW

Foundations for Living is an elective for high schools students. Designed specifically with 11th and 12th graders in mind, Foundations for Living provides a Bible-based, sequential development of a Christian worldview through the use of fundamental truths from the Bible and the application of biblical principles to the various areas of contemporary life. The course aims to pull all of a student's education together into a unified whole, preparing them for their new adventures beyond high school in the home, church, college, and society.

Throughout this course, students will build the skills and knowledge needed to in order to do the following:

- Understand the unique identity of the Christian worldview.
- Observe how all truth properly fits together into the Christian worldview.
- Discern the difference between Christian and non-Christian worldviews.
- Think and live with discernment and conviction.
- Recognize how the world's philosophies of the past affect contemporary thinking and living.
- Judge and assess any issue using a biblical model.

FOUNDATIONS FOR LIVING UNIT 1: WHAT IS A BIBLICAL WORLDVIEW?	
Assignment Titles	
1. Course Overview	10. Project: Promises of God
2. Introduction to Worldview	11. Quiz 2: The Ancient Hebrew Worldview
3. Ancient Greek Worldview: Government	12. Conflicting Worldviews
4. Ancient Greek Worldview: Religion	13. Dualism
5. Ancient Greek Worldview: Philosophy	14. Quiz 3: Conflicting Worldviews
6. Quiz 1: The Ancient Greek Worldview	15. Special Project
7. Ancient Hebrew Worldview: Religion	16. Test: What is a Biblical Worldview?
8. Ancient Hebrew Worldview: Government	17. Alternate Test: What is a Biblical Worldview?
9. Ancient Hebrew Worldview: Theology	18. Reference

FOUNDATIONS FOR LIVING UNIT 2: PRESUPPOSITIONS	
Assignment Titles	
1. Assumptions and Presuppositions: Introduction	8. God's Communication of His Standards to Us
2. Assumptions and Presuppositions: Communication Difficulties	9. Understanding Repentance and God's Grace
3. Moral Relativism	10. The Relationship of Law and Grace
4. Moral Absolutism	11. Quiz 2: Truth and Morality
5. Quiz 1: Assumptions and Presuppositions	12. Special Project
6. The Basis for Truth	13. Test: Presuppositions
7. The Basis for Morality	14. Alternate Test: Presuppositions
	15. Reference

FOUNDATIONS FOR LIVING UNIT 3: THE DOCTRINES OF THE BIBLE	
Assignment Titles	
1. The Doctrines of the Bible	10. The Authority of Scripture
2. Different View of Inspiration	11. The All-Sufficiency of Scripture
3. Scriptural Support for Plenary Inspiration	12. The Illumination of the Holy Spirit
4. Quiz 1: The Inspiration of Scripture	13. Quiz 3: The Authority of God's Word
5. God's Natural Attributes	14. Special Project
6. God's Moral Attributes	15. Test: The Doctrines of the Bible
7. Quiz 2: The Attributes of God	16. Alternate Test: The Doctrines of the Bible
8. The Inerrancy of Scripture	17. Reference
9. The Infallibility of Scripture	



**FOUNDATIONS FOR LIVING  
UNIT 4: GOD'S CREATION**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Who Owns the World?                       | 9. The Great Commission                            |
| 2. God's Providential Control Over the World | 10. Fulfilling the Great Commission                |
| 3. What is Man?                              | 11. Quiz 2: The Sanctity and Purpose of Human Life |
| 4. The Attributes of God and Man             | 12. Special Project                                |
| 5. Quiz 1: The Sovereignty of the Creator    | 13. Test: God's Creation                           |
| 6. Loving God and Loving Others              | 14. Alternate Test: God's Creation                 |
| 7. The Sanctity of Human Life                | 15. Reference                                      |
| 8. People with a Purpose                     |  |

**FOUNDATIONS FOR LIVING  
UNIT 5: HEAD OF THE FAMILY**

**Assignment Titles**

- |  |  |
|--|--|
| 1. A Special Relationship with God         | 7. Characteristics of a Godly Man - Part 2 |
| 2. The Fatherhood of God - Part 1          | 8. Quiz 2: Head of the Family              |
| 3. The Fatherhood of God - Part 2          | 9. Special Project                         |
| 4. Quiz 1: Head of the Family              | 10. Test: Head of the Family               |
| 5. Loving Leadership                       | 11. Alternate Test: Head of the Family     |
| 6. Characteristics of a Godly Man - Part 1 | 12. Reference                              |

**FOUNDATIONS FOR LIVING  
UNIT 6: THE BIBLE AND MARRIAGE**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Necessary Ingredients for a Successful Marriage                    | 7. Quiz 2: Roles of Family Members         |
| 2. An Essential Foundation for a Successful Christian Marriage        | 8. Role Conflicts in Our Culture           |
| 3. Additional Factors to Consider for a Successful Christian Marriage | 9. Learned Behavior Problems in the Family |
| 4. Quiz 1: The Successful Christian Family                            | 10. Quiz 3: Role Conflicts in Our Culture  |
| 5. The Role of Husbands and Wives in a Christian Home                 | 11. Special Project                        |
| 6. The Role of Children in a Christian Home                           | 12. Test: The Bible and Marriage           |
|   | 13. Alternate Test: The Bible and Marriage |
|   | 14. Reference                              |

**FOUNDATIONS FOR LIVING  
UNIT 7: DATING TO MATRIMONY**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Recreational Dating                               | 8. Quiz 2: Making a Commitment           |
| 2. Dating Practices from Bible Times to Modern Times | 9. The Engagement Period                 |
| 3. Negative Tendencies in Dating                     | 10. Resolving Conflicts                  |
| 4. Recreational Dating and the Christian Response    | 11. Quiz 3: The Engagement               |
| 5. Quiz 1: Dating vs. Courtship                      | 12. Special Project                      |
| 6. Making a Commitment                               | 13. Test: Dating and Matrimony           |
| 7. Lessons from a Wedding Ceremony                   | 14. Alternate Test: Dating and Matrimony |
|  | 15. Reference                            |

**FOUNDATIONS FOR LIVING  
UNIT 8: CHRISTIAN EDUCATION**

**Assignment Titles**

- |                                    |  |
|------------------------------------|--|
| 1. Created to Learn                | 8. Learning In and From Our Environment            |
| 2. Created to Teach                | 9. Application of Truth                            |
| 3. The Foundation of all Education | 10. Quiz 2: Filtering Facts and Applying the Truth |
| 4. General Revelation              | 11. Special Project                                |
| 5. Special Revelation              | 12. Test: Christian Education                      |
| 6. Quiz 1: Created to Learn        | 13. Alternate Test: Christian Education            |
| 7. Filtering Facts                 | 14. Reference                                      |

**FOUNDATIONS FOR LIVING  
UNIT 9: ART, MUSIC, AND POLITICS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. A Christian Worldview in the Arts         | 8. Christian Involvement in Politics         |
| 2. Christian Art through History             | 9. Quiz 2: A Christian Worldview in Politics |
| 3. Music, a Gift from God                    | 10. Special Project                          |
| 4. The Art Form of Literature                | 11. Test: Art, Music, and Politics           |
| 5. Quiz 1: A Christian Worldview in the Arts | 12. Alternate Test: Art, Music, and Politics |
| 6. Civil Government                          | 13. Reference                                |
| 7. The Concerns and Strategies of Politics   |  |

**FOUNDATIONS FOR LIVING  
UNIT 10: PUTTING IT ALL TOGETHER**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Biblical Faith                                 | 14. Unit 6 Review: The Bible and Marriage   |
| 2. Biblical Eyes                                  | 15. Unit 7 Review: Dating to Matrimony      |
| 3. Biblical Strategies and their Application      | 16. Unit 8 Review: Christian Education      |
| 4. Quiz 1: Applying a Biblical Worldview          | 17. Unit 9 Review: Art, Music, and Politics |
| 5. Unit 1 Review: What is a Biblical Worldview?   | 18. Quiz 2: Review                          |
| 6. Unit 2 Review: Assumptions and Presuppositions | 19. Special Project                         |
| 7. Unit 3 Review: The Doctrines of the Bible      | 20. Test: Putting it All Together           |
| 8. Unit 4 Review: God's Creation                  | 21. Alternate Test: Putting it All Together |
| 9. Unit 5 Review: Head of the Family              | 22. Reference                               |

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**FRENCH I**  
**COURSE OVERVIEW**

In French 1, students begin to develop competence in four basic skill areas: listening, speaking, reading, and writing. While developing communicative competence in French, students gain and expand their knowledge of francophone countries and cultures.

Emphasis is placed on learning the present tense, the near future and the past tense in French I through thematically designed units. Topics include home, school, family, holidays, and daily and leisure activities.

Students develop the ability to:

- greet and respond to greetings
- introduce and respond to introductions
- engage in conversations on several themes
- express likes and dislikes
- make requests
- obtain information
- understand some ideas and familiar details
- begin to provide information.

By the end of French I, students will:

- communicate minimally by using short sentences, learned words and phrases, and simple questions and commands when speaking and writing.
- understand some ideas and familiar details presented in clear, uncomplicated speech when listening.
- understand short texts enhanced by visual clues when reading.

**FRENCH I  
UNIT 1: BIENVENUE**

**Assignment Titles**

1. Course Overview	1. Course Overview
2. Bienvenue au monde francophone	2. Welcome to the Francophone World
3. Les salutations	3. Greetings
4. L'alphabet et les accents	4. Alphabet and Accents
5. Les nombres de 0 à 60	5. Numbers from 0 to 60
6. Interrogation 1 : Les présentations	6. Quiz 1: Introductions
7. Interrogation alternative - Version A : Les présentations	7. Alternate Quiz - Form A: Introductions
8. Interrogation alternative - Version B : Les présentations	8. Alternate Quiz - Form B: Introductions
9. Un pays divers	9. A Diverse Country
10. Etre: To Be or Not to Be	10. Être: To Be or Not to Be
11. D'où es-tu ?	11. Where Are You From?
12. Masculin ou féminin	12. Masculine or Feminine
13. Un autoportrait	13. A Self-Portrait
14. Interrogation 2 : Les descriptions	14. Quiz 2: Descriptions
15. Interrogation alternative - Version A : Les descriptions	15. Alternate Quiz - Form A: Descriptions
16. Interrogation alternative - Version B : Les descriptions	16. Alternate Quiz - Form B: Descriptions
17. Dossier : le monde francophone	17. Project: The Francophone World
18. Dossier spécial	18. Special Project
19. Révision	19. Review
20. Contrôle : Bienvenue	20. Test
21. Contrôle alternatif - Version A : Bienvenue	21. Alternate Test – Form A
22. Contrôle alternatif - Version B : Bienvenue	22. Alternate Test – Form B
23. Glossaire et références	23. Glossary and Credits

**FRENCH I  
UNIT 2: AU LYCÉE**

**Assignment Titles**

1. En classe	1. In the Classroom
2. Avoir	2. To Have
3. Les expressions avec avoir	3. Expressions with to Have
4. Les expressions utilisées à l'école	4. School Expressions
5. Interrogation 1 : en classe	5. Quiz 1: In Class
6. Interrogation alternative - Version A : en classe	6. Alternate Quiz - Form A: In Class
7. Interrogation alternative - Version B : en classe	7. Alternate Quiz - Form B: In Class
8. Le système éducatif en France	8. The Educational System in France
9. Les matières	9. School Subjects
10. Les Verbes -er	10. Er Verbs
11. La construction infinitive	11. Infinitive Construction
12. Les structures interrogatives	12. Interrogative Structures
13. Interrogation 2 : au lycée en France	13. Quiz 2: High School in France
14. Interrogation alternative - Version A : au lycée en France	14. Alternate Quiz - Form A: High School in France
15. Interrogation alternative - Version B : au lycée en France	15. Alternate Quiz - Form B: High School in France
16. Emploi du temps	16. Schedule
17. Quelle heure est-il ?	17. What Time Is It?
18. Quelle est la date d'aujourd'hui ?	18. What Is the Date Today?
19. Les chiffres de 60 à 100	19. Numbers from 60 to 100
20. Dossier : ton emploi de temps	20. Project: Your Schedule
21. Interrogation 3 : la date et l'horaire	21. Quiz 3: Date and Time
22. Interrogation alternative - Version A : la date et l'horaire	22. Alternate Quiz - Form A: Date and Time
23. Interrogation alternative - Version B : la date et l'horaire	23. Alternate Quiz - Form B: Date and Time
24. Dossier spécial	24. Special Project
25. Révision	25. Review
26. Contrôle	26. Test
27. Contrôle alternatif - Version A	27. Alternate Test – Form A
28. Contrôle alternatif - Version B	28. Alternate Test – Form B
29. Glossaire et références	29. Glossary and Credits

**FRENCH I**  
**UNIT 3: LA FAMILLE ET LES AMIS**

**Assignment Titles**

1. Les structures familiales en France	1. Familial Structures in France
2. La famille	2. Family
3. Les adjectifs possessifs	3. Possessive Adjectives
4. L'apparence physique	4. Physical Appearance
5. Les expressions interrogatives	5. Interrogative Expressions
6. Dossier : votre arbre généalogique	6. Project: Your Family Tree
7. Interrogation 1 : la famille	7. Quiz 1: Family
8. Interrogation alternative - Version A : la famille	8. Alternate Quiz - Version A: Family
9. Interrogation alternative - Version B : la famille	9. Alternate Quiz - Version B: Family
10. L'amitié	10. Friendship
11. Les adjectifs	11. Adjectives
12. Les adjectifs irréguliers	12. Irregular Adjectives
13. Les adjectifs qui précèdent le nom	13. Adjectives That Precede the Noun
14. Dossier : Un ami idéal	14. Project: An Ideal Friend
15. Interrogation 2 : les amis	15. Quiz 2: Friends
16. Interrogation alternative - Version A : les amis	16. Alternate Quiz - Version A: Friends
17. Interrogation alternative - Version B : les amis	17. Alternate Quiz - Version A: Friends
18. Dossier spécial	18. Special Project
19. Révision	19. Review
20. Contrôle	20. Test
21. Contrôle alternatif - Version A	21. Alternate Test – Form A
22. Contrôle alternatif - Version B	22. Alternate Test – Form B
23. Glossaire et références	23. Glossary and Credits

**FRENCH I**  
**UNIT 4: LES LOISIRS ET LES SPORTS**

**Assignment Titles**

1. Les loisirs en France	1. Leisure Activities in France
2. Les passe-temps	2. Hobbies
3. Faire	3. To Do or to Make
4. Les verbes et les adverbes	4. Verbs and Adverbs
5. Dossier : un correspondant français	5. Project: A French Correspondent
6. Interrogation 1 : les loisirs	6. Quiz 1: Leisure Activities
7. Interrogation alternative - Version A : les loisirs	7. Alternate Quiz - Form A: Leisure Activities
8. Interrogation alternative - Version B : les loisirs	8. Alternate Quiz - Form B: Leisure Activities
9. Les sports en France	9. Sports in France
10. Les Sports	10. Sports
11. Plus d'adverbes	11. More Adverbs
12. Provence-Alpes-Côte-d'Azur	12. Provence-Alps-French Riviera
13. Dossier : les jeux Olympiques et la motivation	13. Project: The Olympic Games
14. Interrogation 2 : les sports	14. Quiz 2: Sports
15. Interrogation alternative - Version A : les sports	15. Alternate Quiz - Version A: Sports
16. Interrogation alternative - Version B : les sports	16. Alternate Quiz - Version B: Sports
17. Le temps	17. Weather
18. Les saisons	18. Seasons
19. Dossier : une prévision météorologique	19. Project: A Weather Forecast
20. Interrogation 3 : la météo	20. Quiz 3: Weather
21. Interrogation alternative - Version A : la météo	21. Alternate Quiz - Version A: Weather
22. Interrogation alternative - Version B : la météo	22. Alternate Quiz - Version B: Weather
23. Dossier spécial	23. Special Project
24. Révision	24. Review
25. Contrôle	25. Test
26. Contrôle alternatif - Version A	26. Alternate Test – Form A
27. Contrôle alternatif - Version B	27. Alternate Test – Form B
28. Glossaire et références	28. Glossary and Credits

**FRENCH I**  
**UNIT 5: LES FÊTES ET LES TRADITIONS**

**Assignment Titles**

1. Noël en France	1. Christmas in France
2. Les fêtes en France	2. Holidays in France
3. Faisons la fête!	3. Let's Celebrate!
4. Un cadeau d'anniversaire cher. Les chiffres à partir de 100	4. Numbers Larger than 100
5. Le carnaval	5. Carnival
6. Dossier: une fête en France	6. Project: A French Holiday
7. Interrogation 1 : les fêtes	7. Quiz 1: Holidays
8. Interrogation alternative - Version A : les fêtes	8. Alternate Quiz - Form A: Holidays
9. Interrogation alternative - Version B : les fêtes	9. Alternate Quiz - Form B: Holidays
10. La fête nationale de la France	10. France's National Holiday
11. Dossier: Les fêtes nationales	11. Project: National Holidays
12. Joyeux anniversaire !	12. Happy Birthday!
13. Les invitations	13. Invitations
14. Les verbes qui changent d'orthographe	14. Stem-changing Verbs
15. Interrogation 2 : les anniversaires	15. Quiz 2: Birthdays
16. Interrogation alternative - Version A : les anniversaires	16. Alternate Quiz - Form A: Birthdays
17. Interrogation alternative - Version B: les anniversaires	17. Alternate Quiz - Form B: Birthdays
18. Les périodes de la vie	18. Stages of Life
19. Les couleurs	19. Colors
20. Les pronoms complément d'objet direct	20. Direct-Object Pronouns
21. Interrogation 3 : la vie	21. Quiz 3: Life
22. Interrogation alternative - Version A : la vie	22. Alternate Quiz - Form A: Life
23. Interrogation alternative - Version B : la vie	23. Alternate Quiz - Form B: Life
24. Dossier spécial	24. Special Project
25. Révision	25. Review
26. Contrôle	26. Test
27. Contrôle alternatif - Version A	27. Alternate Test – Form A
28. Contrôle alternatif - Version B	28. Alternate Test – Form B
29. Glossaire et références	29. Glossary and Credits

**FRENCH I**  
**UNIT 6: RÉVISION ET CONTRÔLE SEMESTRIEL**

**Assignment Titles**

1. Révision	1. Review
2. Contrôle semestriel	2. Exam
3. Contrôle semestriel - Version A	3. Alternate Exam – Form A
4. Contrôle semestriel - Version B	4. Alternate Exam – Form B

**FRENCH I  
UNIT 7: EN VILLE**

**Assignment Titles**

1. Visitons la ville.	1. Let's Visit the City
2. Aller	2. To Go
3. Les prépositions de lieu	3. Prepositions of Place
4. La Bretagne	4. Brittany
5. Dossier : mon quartier	5. Project: My Neighborhood
6. Interrogation 1: la vie en ville	6. Quiz 1: Life in the City
7. Interrogation alternative - Version A : la vie en ville	7. Alternate Quiz - Form A: Life in the City
8. Interrogation alternative - Version B : la vie en ville	8. Alternate Quiz - Form B: Life in the City
9. Paris	9. Paris
10. Les nombres ordinaux	10. Ordinal Numbers
11. Les moyens de transport	11. Transportation
12. Les verbes réguliers en -re	12. Regular -re Verbs
13. Les verbes irréguliers en -re	13. Irregular -re Verbs
14. Dossier : l'itinéraire pour mon voyage à Paris	14. Project: The Itinerary for My Trip to Paris
15. Interrogation 2: la ville des lumières	15. Quiz 2: The City of Lights
16. Interrogation alternative - Version A : la ville des lumières	16. Alternate Quiz - Form A: The City of Lights
17. Interrogation alternative - Version B : la ville des lumières	17. Alternate Quiz - Form B: The City of Lights
18. Dossier spécial	18. Special Project
19. Révision	19. Review
20. Contrôle	20. Test
21. Contrôle alternatif - Version A	21. Alternate Test – Form A
22. Contrôle alternatif - Version B	22. Alternate Test – Form B
23. Glossaire et références	23. Glossary and Credits

**FRENCH I  
UNIT 8: BON APPÉTIT**

**Assignment Titles**

1. Les repas français	1. French Meals
2. Faire les courses	2. Grocery Shopping
3. Les verbes réguliers en -ir	3. Regular -ir Verbs
4. Les verbes irréguliers en -ir	4. Irregular -ir Verbs
5. Interrogation 1: la nourriture	5. Quiz 1: Food
6. Interrogation alternative - Version A : la nourriture	6. Alternate Quiz - Version A: Food
7. Interrogation alternative - Version B : la nourriture	7. Alternate Quiz - Version B: Food
8. Au café	8. At the Café
9. L'article partitif	9. The Partitive Article
10. Les expressions de quantité	10. Expressions of Quantity
11. Dossier : recette de crêpes	11. Project: Crepe Recipe
12. Interrogation 2: la nourriture et les quantités	12. Quiz 2: Food and Quantities
13. Interrogation alternative - Version A : la nourriture et les quantités	13. Alternate Quiz - Version A: Food and Quantities
14. Interrogation alternative - Version B : la nourriture et les quantités	14. Alternate Quiz - Version B: Food and Quantities
15. À table	15. At the Table
16. Au restaurant	16. At the Restaurant
17. Dossier : au restaurant	17. Project: At the Restaurant
18. La cuisine française	18. French Cuisine
19. Interrogation 3: la cuisine française	19. Quiz 3: French Cuisine
20. Interrogation alternative - Version A : la cuisine française	20. Alternate Quiz - Version A: French Cuisine
21. Interrogation alternative - Version B : la cuisine française	21. Alternate Quiz - Version B: French Cuisine
22. Dossier spécial	22. Special Project
23. Révision	23. Review
24. Contrôle	24. Test
25. Contrôle alternatif - Version A	25. Alternate Test – Form A
26. Contrôle alternatif - Version B	26. Alternate Test – Form B
27. Glossaire et références	27. Glossary and Credits

**FRENCH I**  
**UNIT 9: LA VIE QUOTIDIENNE**

**Assignment Titles**

1. Les vêtements et les couleurs	1. Clothes and Colors
2. En solde	2. On Sale
3. Mettre	3. To Place, to Put On
4. Faisons du shopping	4. Let's Go Shopping
5. Dossier : un défilé de mode	5. Project: A Fashion Show
6. Le look en France	6. The Look in France
7. Dossier : ton look	7. Project: Your Look
8. Interrogation 1: les vêtements	8. Quiz 2: Clothing
9. Interrogation alternative - Version A : les vêtements	9. Alternate Quiz - Form A: Clothing
10. Interrogation alternative - Version B : les vêtements	10. Alternate Quiz - Form B: Clothing
11. Les parties du corps	11. Parts of the Body
12. Dossier : un ami imaginaire et bizarre	12. Project: A Bizarre Imaginary Friend
13. Les gestes et les expressions	13. Gestures and Expressions
14. Les verbes réfléchis	14. Reflexive Verbs
15. L'interrogation et la négation	15. Interrogation and Negation with Reflexive Verbs
16. Dossier : votre routine quotidienne	16. Project: Your Daily Routine
17. Interrogation 2: la routine	17. Quiz 2: Routine
18. Interrogation alternative - Version A : la routine	18. Alternate Quiz - Form A: Routine
19. Interrogation alternative - Version B : la routine	19. Alternate Quiz - Form B: Routine
20. Dossier spécial	20. Special Project
21. Révision	21. Review
22. Contrôle	22. Test
23. Contrôle alternatif - Version A	23. Alternate Test – Form A
24. Contrôle alternatif - Version B	24. Alternate Test – Form B
25. Glossaire et références	25. Glossary and Credits

**FRENCH I**  
**UNIT 10: LES MÉDIAS**

**Assignment Titles**

1. À la télévision	1. On Television
2. La publicité	2. Commercials
3. Voir, c'est croire	3. Seeing Is Believing
4. Dossier : Le journal télévisé	4. Project: The News
5. Interrogation 1 : À la télé	5. Quiz 1 - : On TV
6. Interrogation alternative - Version A : À la télé	6. Alternate Quiz - Form A: On TV
7. Interrogation alternative - Version B : À la télé	7. Alternate Quiz - Form B: On TV
8. Sur Internet	8. On the Internet
9. Dire, lire et écrire	9. To Say, to Read, to Write
10. Les pronoms complément d'objet direct	10. Direct-Object Pronouns
11. Interrogation 2 : L'Informatique	11. Quiz 2: Computing
12. Interrogation alternative - Version A : L'Informatique	12. Alternate Quiz - Form A: Computing
13. Interrogation alternative - Version B : L'Informatique	13. Alternate Quiz - Form B: Computing
14. La presse	14. The Press
15. Les pronoms complément d'objet indirect	15. Indirect-Object Pronouns
16. Dossier : Le Monde	16. Project: <i>Le Monde</i>
17. Interrogation 3 : La lecture	17. Quiz 3: Reading
18. Interrogation alternative - Version A : La lecture	18. Alternate Quiz - Form A: Reading
19. Interrogation alternative - Version B : La lecture	19. Alternate Quiz - Form B: Reading
20. Dossier spécial	20. Special Project
21. Révision	21. Review
22. Contrôle : Les médias	22. Test
23. Contrôle alternatif - Version A : Les médias	23. Alternate Test – Form A
24. Contrôle alternatif - Version B : Les médias	24. Alternate Test – Form B
25. Glossaire et références	25. Glossary and Credits



**FRENCH I**  
**UNIT 11: LES VACANCES**

**Assignment Titles**

1. À l'agence de voyage	1. At the Travel Agency
2. Le passé composé avec les verbes –er	2. The Passé Composé with -er Verbs
3. Le passé composé avec les verbes –ir	3. The Passé Composé with -ir Verbs
4. Le passé composé avec les verbes en –re	4. The Passé Composé with -re Verbs
5. Mes vacances en Normandie	5. My Vacation in Normandy
6. Interrogation 1: Les vacances d'été	6. Quiz 1: Summer Vacation
7. Interrogation alternative - Version A : Les vacances d'été	7. Alternate Quiz - Form A: Summer Vacation
8. Interrogation alternative - Version B : Les vacances d'été	8. Alternate Quiz - Form A: Summer Vacation
9. À la gare	9. At the Train Station
10. La région du Centre	10. The Central Region of France
11. La Corse	11. Corsica
12. Le passé composé avec être	12. The Passé Composé with Être
13. Dossier : Mon voyage en France	13. Project: My Trip to France
14. Interrogation 2: Un voyage en France	14. Quiz 2: A Trip to France
15. Interrogation alternative - Version A : Un voyage en France	15. Alternate Quiz - Form A: A Trip to France
16. Interrogation alternative - Version B : Un voyage en France	16. Alternate Quiz - Form B: A Trip to France
17. Dossier spécial	17. Special Project
18. Révision	18. Review
19. Contrôle	19. Test
20. Contrôle alternatif - Version A	20. Alternate Test – Form A
21. Contrôle alternatif - Version B	21. Alternate Test – Form B
22. Glossaire et références	22. Glossary and Credits

**FRENCH I**  
**UNIT 12: RÉVISION ET CONTRÔLE SEMESTRIEL**

**Assignment Titles**

1. Révision	1. Review
2. Contrôle	2. Exam
3. Contrôle alternatif - Version A	3. Alternate Exam – Form A
4. Contrôle alternatif - Version B	4. Alternate Exam – Form B

## FRENCH II

### COURSE OVERVIEW

French II is a high school foreign language course that builds on and reviews skills and concepts taught in *French I* through further exposure to communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing and cultural competency.

Upon completion of the course, students should be able to do the following:

- Use basic French in everyday situations in oral and written communication.
- Use French vocabulary at the level appropriate to living in francophone countries.
- Demonstrate knowledge of France and other francophone countries.
- Listen to and understand passages in French related to various themes.
- Read and understand passages in French related to presented themes.
- Compare and contrast cultural aspects of francophone countries and the United States.

This course gives students practice using the mechanics of the French language, acquaints them with the cultural differences of francophone countries, and helps them gain a keen awareness of their own culture.

FRENCH II	
UNIT 1: FAISONS DU SHOPPING !BIENVENUE	
Assignment Titles	
1. Course Overview	1. Course Overview
2. Les magasins en France	2. French Stores
3. Révision des verbes	3. Verb Review
4. Les produits français	4. French Products
5. Qui, quand, pourquoi ?	5. Who, When, Why?
6. Interrogation 1 : Au magasin	6. Quiz 1: At the Store
7. Interrogation alternative - Version A : Au magasin	7. Quiz 1 alternate- Form A: At the Store
8. Interrogation alternative - Version B : Au magasin	8. Quiz 1 alternate- Form B: At the Store
9. Au marché français	9. At the French Market
10. Les adjectifs démonstratifs	10. Demonstrative Adjectives
11. Quelle est la différence ?	11. What's the Difference?
12. Les marchés dans le monde francophone	12. Markets in the Francophone World
13. Interrogation 2 : Au marché	13. Quiz 2: At the Market
14. Interrogation alternative - Version A : Au marché	14. Quiz 2 Alternate- Form A: At the Market
15. Interrogation alternative - Version B : Au marché	15. Quiz 2 Alternate- Form B: At the Market
16. Combien ? Les expressions de quantité	16. How Much? How Many? Expressions of Quantity
17. Combien cela coute-t-il ?	17. How Much Does It Cost?
18. Les pronoms objets directs	18. Direct-Object Pronouns
19. Interrogation 3 : Faire du shopping	19. Quiz 3: Going Shopping
20. Interrogation alternative - Version A : Faire du shopping	20. Quiz 3 alternate- Form A: Going Shopping
21. Interrogation alternative - Version B : Faire du shopping	21. Quiz 3 alternate- Form B: Going Shopping
22. Dossier: écrire un dialogue	22. Project: Write a Dialogue
23. Dossier spécial	23. Special Project
24. Révision	24. Review
25. Contrôle	25. Test
26. Contrôle alternatif - Version A	26. Alternate Test – Form A
27. Contrôle alternatif - Version B	27. Alternate Test – Form B
28. Glossaire et références	28. Glossary and Credits

**FRENCH II  
UNIT 2: AU TRAVAIL**

**Assignment Titles**

1. Les métiers de la santé	1. Health Care Professions
2. Les professions artistiques	2. Professions in the Arts
3. Les professions artisanales	3. Trades
4. Les professions qui aident les gens	4. Helping Professions
5. Interrogation 1 : les professions	5. Quiz 1 : Jobs
6. Interrogation alternative - Version A : les professions	6. Alternate Quiz – Form A : Jobs
7. Interrogation alternative - Version B : les professions	7. Alternate Quiz – Form B : Jobs
8. Les qualités personnelles	8. Character Traits
9. Dossier : mon emploi idéal	9. Project : My Ideal Job
10. Les emplois des étudiants	10. Student Jobs
11. Jeune fille au pair	11. Young 'Au Pair' Girl
12. Interrogation 2 : le travail des jeunes	12. Quiz 2 : Jobs for Young People
13. Interrogation alternative - Version A : le travail des jeunes	13. Alternate Quiz – Form A : Jobs for Young People
14. Interrogation alternative - Version B : le travail des jeunes	14. Alternate Quiz – Form B : Jobs for Young People
15. Poser sa candidature	15. Applying for a Job
16. Préparer un entretien d'embauche	16. Preparing for a Job Interview
17. Oui, monsieur!	17. Yes, Sir!
18. Le travail au Sénégal	18. Working in Senegal
19. Interrogation 3 : l'entretien d'embauche et le travail	19. Quiz 3 : Job Interviews and Work
20. Interrogation alternative - Version A : l'entretien d'embauche et le travail	20. Alternate Quiz – Form A : Job Interviews and Work
21. Interrogation alternative - Version B : l'entretien d'embauche et le travail	21. Alternate Quiz – Form B : Job Interviews and Work
22. Dossier spécial	22. Special Project
23. Révision	23. Review
24. Contrôle	24. Test
25. Contrôle alternatif - Version A	25. Alternate Test – Form A
26. Contrôle alternatif - Version B	26. Alternate Test - Form B
27. Glossaire et références	27. Glossary and Credits

**FRENCH II  
UNIT 3: AU CINÉMA**

**Assignment Titles**

1. Le cinéma français	1. French Cinema
2. Quel film va-t-on voir ?	2. Which Movie Are We Going to See?
3. Où allons-nous ?	3. Where Are We Going?
4. Allons au cinéma	4. Let's Go to the Movies
5. Interrogation 1 : allons au cinéma	5. Quiz 1: Let's Go to the Movies
6. Interrogation alternative - Version A : allons au cinéma	6. Alternate Quiz - Form A: Let's Go to the Movies
7. Interrogation alternative - Version B : allons au cinéma	7. Alternate Quiz - Form B: Let's Go to the Movies
8. Il n'y a plus de places	8. It's All Sold Out
9. Comment est le film ?	9. How's the Movie?
10. Dossier : les Césars du Cinéma	10. Project: The Caesar Movie Awards
11. Interrogation 2 : Le cinéma	11. Quiz 2: The Movies
12. Interrogation alternative - Version A : Le cinéma	12. Alternate Quiz 2 - Form A: The Movies
13. Interrogation alternative - Version B : Le cinéma	13. Alternate Quiz 2 - Form B: The Movies
14. Festival de Cannes	14. Cannes Film Festival
15. Un entretien avec une vedette	15. An Interview with a Movie Star
16. Dossier : que nous apprennent les films sur la culture ?	16. Project: What Do Movies Teach Us about Culture?
17. Dossier : une histoire, deux cultures	17. Project: One Story, Two Cultures
18. Interrogation 3 : la culture et le cinéma	18. Quiz 3: Culture and Film
19. Interrogation alternative - Version A : la culture et le cinéma	19. Alternate Quiz - Form A: Culture and Film
20. Interrogation alternative - Version B : la culture et le cinéma	20. Alternate Quiz - Form B: Culture and Film
21. Dossier spécial	21. Special Project
22. Révision	22. Review
23. Contrôle	23. Test
24. Contrôle alternatif - Version A	24. Alternate Test - Form A
25. Contrôle alternatif - Version B	25. Alternate Test - Form B
26. Glossaire et références	26. Glossary and Credits

**FRENCH II  
UNIT 4: EN VILLE ET À LA CAMPAGNE**

**Assignment Titles**

1. Les domiciles	1. Homes
2. Les tâches ménagères	2. Housework
3. En ville	3. In the City
4. Les pièces de l'appartement	4. Rooms in the Apartment
5. Dossier : une maison de rêve	5. Project: A Dream House
6. Interrogation 1 : la ville	6. Quiz 1: The City
7. Interrogation alternative - Version A : la ville	7. Alternate Quiz - Form A: The City
8. Interrogation alternative - Version B : la ville	8. Alternate Quiz - Form B: The City
9. Le passé composé avec être	9. The Passé Composé Tense with Être
10. En train	10. On the Train
11. Interrogation 2 : les transports	11. Quiz 2 : Transportation
12. Interrogation alternative - Version A : les transports	12. Alternate Quiz - Form A: Transportation
13. Interrogation alternative - Version B : les transports	13. Alternate Quiz - Form B: Transportation
14. La Provence en train	14. Provence by Train
15. Les maisons en Provence	15. Houses in Provence
16. Dossier: les villes et les villages de France	16. Project: Cities and Villages of France
17. Une journée en Provence	17. A Day in Provence
18. Dossier : mon journal de voyage	18. Project: My Travel Journal
19. Interrogation 3 : la campagne	19. Quiz 3: The Countryside
20. Interrogation alternative - Version A : la campagne	20. Alternate Quiz - Form A: The Countryside
21. Interrogation alternative - Version B : la campagne	21. Alternate Quiz - Form B: The Countryside
22. Dossier spécial	22. Special Project
23. Révision	23. Review
24. Contrôle	24. Test
25. Contrôle alternatif - Version A	25. Alternate Test – Form A
26. Contrôle alternatif - Version B	26. Alternate Test – Form B
27. Glossaire et références	27. Glossary and Credits

**FRENCH II**  
**UNIT 5: LA SANTÉ**

**Assignment Titles**

1. La France et la nutrition	1. France and Nutrition
2. Un régime équilibré	2. A Balanced Diet
3. La nutrition dans le monde francophone	3. Nutrition in the Francophone World
4. L'activité physique	4. Physical Activity
5. Dossier : le journal de mes habitudes	5. Project: My Daily Routine Journal
6. Interrogation 1 : La nutrition	6. Quiz 1: Nutrition
7. Interrogation alternative - Version A : La nutrition	7. Alternate Quiz - Form A: Nutrition
8. Interrogation alternative - Version B : La nutrition	8. Alternate Quiz - Form B: Nutrition
9. Les habitudes quotidiennes	9. Daily Routines
10. Comment t'es-tu occupé?	10. How Did You Keep Busy?
11. Les habitudes d'un jeune	11. A Teen's Typical Routine
12. Interrogation 2 : les habitudes	12. Quiz 2: Routines
13. Interrogation alternative - Version A : les habitudes	13. Alternate Quiz - Form A: Routines
14. Interrogation alternative - Version B : les habitudes	14. Alternate Quiz - Form B: Routines
15. Les symptômes d'une maladie	15. Symptoms of an Illness
16. Chez le médecin	16. At the Doctor's Office
17. Interrogation 3 : la maladie et le corps	17. Quiz 3: Illnesses and the Body
18. Interrogation alternative - Version A : la maladie et le corps	18. Alternate Quiz - Form A: Illnesses and the Body
19. Interrogation alternative - Version B : la maladie et le corps	19. Alternate Quiz – Form B: Illnesses and the Body
20. Dossier spécial	20. Special Project
21. Révision	21. Review
22. Contrôle	22. Test
23. Contrôle alternatif - Version A	23. Alternate Test – Form A
24. Contrôle alternatif - Version B	24. Alternate Test – Form B
25. Glossaire et références	25. Glossary and Credits

**FRENCH II**  
**UNIT 6: RÉVISION ET CONTRÔLE SEMESTRIEL**

**Assignment Titles**

1. Révision	1. Review
2. Contrôle semestriel	2. Exam
3. Contrôle semestriel - Version A	3. Alternate Exam – Form A
4. Contrôle semestriel - Version B	4. Alternate Exam – Form B

**FRENCH II**  
**UNIT 7: VACANCES D'HIVER**

**Assignment Titles**

1. Où allez-vous ?	1. Where Are You Going ?
2. A l'aéroport	2. At the Airport
3. Les annonces à l'aéroport	3. Announcements at the Airport
4. Interrogation 1 : partir en vacances d'hiver	4. Quiz 1 : Leaving for Winter Vacation
5. Interrogation alternative - Version A : partir en vacances d'hiver	5. Alternate Quiz – Form A : Leaving for Winter Vacation
6. Interrogation alternative - Version B : partir en vacances d'hiver	6. Alternate Quiz – Form B : Leaving for Winter Vacation
7. Une capsule mémorielle	7. A Time Capsule
8. Il faisait froid au Québec	8. It Was Cold in Quebec
9. Comment étaient tes vacances?	9. How Was Your Vacation ?
10. Dossier : l'hôtel de glace	10. Project : The Ice Hotel
11. Interrogation 2 : raconter ses vacances	11. Quiz 2 : Telling About Your Vacation
12. Interrogation alternative - Version A : raconter ses vacances	12. Alternate Quiz – Form A : Telling About Your Vacation
13. Interrogation alternative - Version B : raconter ses vacances	13. Alternate Quiz – Form B : Telling About Your Vacation
14. Le passe composé et l'imparfait	14. The Past Tenses
15. Les fêtes culturelles	15. Cultural Celebrations
16. Dossier : journal de voyage : le mardi gras	16. Project : Travel Journal: Mardi Gras
17. Interrogation 3 : les vacances d'hiver	17. Quiz 3 : Winter Vacation
18. Interrogation alternative - Version A : les vacances d'hiver	18. Alternate Quiz – Form A : Winter Vacation
19. Interrogation alternative - Version B : les vacances d'hiver	19. Alternate Quiz – Form B : Winter Vacation
20. Dossier spécial	20. Special Project
21. Révision	21. Review
22. Contrôle	22. Test
23. Contrôle alternatif - Version A	23. Alternate Test – Form A
24. Contrôle alternatif - Version B	24. Alternate Test – Form B
25. Glossaire et références	25. Glossary and Credits

**FRENCH II**  
**UNIT 8: LA MODE**

**Assignment Titles**

1. S'habiller selon la météo	1. Dressing for the Weather
2. Un magazine de mode	2. A Fashion Magazine
3. Dans la boutique de prêt-à-porter	3. In the Clothing Store
4. Choisir des vêtements dans une boutique	4. Choosing Clothing in a Boutique
5. Dossier : un événement spécial	5. Project: A Special Event
6. Interrogation 1 : s'habiller	6. Quiz 1 : Getting Dressed
7. Interrogation alternative - Version A : s'habiller	7. Alternate Quiz – Form A : Getting Dressed
8. Interrogation alternative - Version B : s'habiller	8. Alternate Quiz – Form B : Getting Dressed
9. La haute couture	9. Haute Couture Fashion
10. La mode au début du vingtième siècle	10. Fashion at the Beginning of the Twentieth Century
11. Interrogation 2 : la haute couture et l'histoire de la mode	11. Quiz 2 : High Fashion and the History of Fashion
12. Interrogation alternative - Version A : la haute couture et l'histoire de la mode	12. Alternate Quiz – Form A : High Fashion and the History of Fashion
13. Interrogation alternative - Version B : la haute couture et l'histoire de la mode	13. Alternate Quiz – Form B : High Fashion and the History of Fashion
14. La mode du vingtième siècle	14. Twentieth Century Fashion
15. La mode africaine	15. African Fashion
16. Dossier : un défilé de mode	16. Project : A Fashion Show
17. Interrogation 3 : la mode actuelle	17. Quiz 3 : Current Fashion
18. Interrogation alternative - Version A : la mode actuelle	18. Alternate Quiz – Form A : Current Fashion
19. Interrogation alternative - Version B : la mode actuelle	19. Alternate Quiz – Form B : Current Fashion
20. Dossier spécial	20. Special Project
21. Révision	21. Review
22. Contrôle	22. Test
23. Contrôle alternatif - Version A	23. Alternate Test – Form A
24. Contrôle alternatif - Version B	24. Alternate Test – Form B
25. Glossaire et références	25. Glossary and Credits

**FRENCH II**  
**UNIT 9: AU MUSÉE D'ART**

**Assignment Titles**

1. Les beaux-arts	1. The Fine Arts
2. Les mouvements artistiques en France	2. Art Movements in France
3. L'histoire à travers l'art	3. History in Art
4. La statue de la liberté	4. The Statue of Liberty
5. Interrogation 1 : l'art	5. Quiz 1: Art
6. Interrogation alternative - Version A : l'art	6. Alternate Quiz - Form A: Art
7. Interrogation alternative - Version B : l'art	7. Alternate Quiz - Form B: Art
8. Le musée du Louvre	8. The Louvre Museum
9. Un vol au musée	9. A Robbery at the Museum
10. Plus d'expressions négatives	10. More Negative Expressions
11. Dossier : On a volé la Joconde	11. Project: Mona Lisa Stolen
12. Dossier : un article dans le journal	12. Project: A Newspaper Article
13. Les impressionnistes	13. The Impressionists
14. Les descriptions	14. Descriptions
15. Interrogation 2 : au musée	15. Quiz 2: At the Museum
16. Interrogation alternative - Version A : au musée	16. Alternate Quiz - Form A: At the Museum
17. Interrogation alternative - Version B : au musée	17. Alternate Quiz - Form B: At the Museum
18. Dossier spécial	18. Special Project
19. Révision	19. Review
20. Contrôle	20. Test
21. Contrôle alternatif - Version A	21. Alternate Test – Form A
22. Contrôle alternatif - Version B	22. Alternate Test – Form B
23. Glossaire et références	23. Glossary and Credits

**FRENCH II**  
**UNIT 10: À LA PLAGES**

**Assignment Titles**

1. Les îles tropicales francophones	1. Francophone Tropical Islands
2. Réserver un hôtel	2. Reserving a Hotel
3. Les activités à faire pendant les vacances	3. Things to Do on Vacation
4. Dossier : Comparer les hôtels	4. Project : Hotel Comparison
5. Interrogation 1 : Les hôtels	5. Quiz 1 : Hotels
6. Interrogation alternative - Version A : Les hôtels	6. Alternate Quiz – Form A : Hotels
7. Interrogation alternative - Version B : Les hôtels	7. Alternate Quiz – Form B : Hotels
8. Le pronom y	8. The Pronoun Y
9. Comment y allez-vous ?	9. How Do You Get There?
10. Interrogation 2 : Les modes de transport	10. Quiz 2 : Modes of Transportation
11. Interrogation alternative - Version A : Les modes de transport	11. Alternate Quiz – Form A : Modes of Transportation
12. Interrogation alternative - Version B : Les modes de transport	12. Alternate Quiz – Form B : Modes of Transportation
13. La cuisine guadeloupéenne	13. Guadeloupean Food
14. Le pronom en	14. The Pronoun En
15. Dossier : Des cartes postales	15. Project : Postcards
16. Interrogation 3 : La cuisine guadeloupéenne	16. Quiz 3 : Guadeloupean Cooking
17. Interrogation alternative - Version A : La cuisine guadeloupéenne	17. Alternate Quiz – Form A : Guadeloupean Cooking
18. Interrogation alternative - Version B : La cuisine guadeloupéenne	18. Alternate Quiz – Form B : Guadeloupean Cooking
19. Dossier spécial	19. Special Project
20. Révision	20. Review
21. Contrôle	21. Test
22. Contrôle alternatif - Version A	22. Alternate Test – Form A
23. Contrôle alternatif - Version B	23. Alternate Test – Form B
24. Glossaire et références	24. Glossary and Credits

**FRENCH II**  
**UNIT 11: LES RITES DE PASSAGE**

**Assignment Titles**

1. Les rites de passage	1. Rites of Passage
2. L'enfance	2. Childhood
3. Les événements de l'adolescence	3. Events in Adolescence
4. Le permis de conduire en Europe	4. Driver's License in Europe
5. Interrogation 1 : Les Souvenirs	5. Quiz 1: Memories
6. Interrogation alternative - Version A : Les Souvenirs	6. Alternate Quiz - Form A: Memories
7. Interrogation alternative - Version B : Les Souvenirs	7. Alternate Quiz - Form B: Memories
8. Les verbes réguliers au futur simple	8. The Simple Future Tense of Regular Verbs
9. Les verbes irréguliers au futur simple	9. The Simple Future Tense of Irregular Verbs
10. Dossier : Mes projets d'avenir	10. Project: My Plans for the Future
11. Interrogation 2 : L'avenir	11. Quiz 2: The Future
12. Interrogation alternative - Version A : L'avenir	12. Alternate Quiz - Form A: The Future
13. Interrogation alternative - Version B : L'avenir	13. Alternate Quiz - Form B: The Future
14. Le mariage en France	14. Weddings in France
15. Le mariage aux pays francophones	15. Weddings in Francophone Countries
16. Un mariage royal	16. A Royal Wedding
17. Dossier : Les rites de passage dans quelques pays francophones	17. Project: Rites of Passage in Some Francophone Countries
18. Interrogation 3 : Le mariage	18. Quiz 3: Marriage
19. Interrogation alternative - Version A : Le mariage	19. Alternate Quiz - Form A: Marriage
20. Interrogation alternative - Version B : Le mariage	20. Alternate Quiz - Form B: Marriage
21. Dossier spécial	21. Special Project
22. Révision	22. Review
23. Contrôle	23. Test
24. Contrôle alternatif - Version A	24. Alternate Test – Form A
25. Contrôle alternatif - Version B	25. Alternate Test – Form B
26. Glossaire et références	26. Glossary and Credits

**FRENCH II**  
**UNIT 12: RÉVISION ET CONTRÔLE SEMESTRIEL**

**Assignment Titles**

1. Révision	1. Review
2. Contrôle	2. Exam
3. Contrôle alternatif - Version A	3. Alternate Exam – Form A
4. Contrôle alternatif - Version B	4. Alternate Exam – Form B



## GENERAL SCIENCE III

### COURSE OVERVIEW

General Science III is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on General Science I and II courses. Some of the areas covered in General Science III include the structure of matter, atomic nuclei and radioactivity, geology, oceanography, astronomy, microbiology, medicine, and science today and in the future.

Students at this level should show development in their ability and understanding of scientific inquiry. Some of the units contain experiments and projects that seek to develop meaning for the student and to engage the student actively. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe the atomic structure of different elements.
- Calculate and measure volume, mass, and density for different objects.
- Identify different types of geological changes.
- Discuss how the layers of the earth's crust can show history.
- Describe the different parts of the ocean, both living and non-living.
- Explain the differences in the stars and constellations.
- Distinguish between bacterial infections, viral infections, and other types of infections.
- Develop a plan to prevent and treat common diseases through proper health.
- Demonstrate an understanding of the resources of the earth and what is needed to conserve those resources.

GENERAL SCIENCE III UNIT 1: OUR ATOMIC WORLD	
Assignment Titles	
1. Course Overview	9. Essay: Reactors
2. Structure of Matter	10. Quiz 4: Nuclear Energy
3. Quiz 1: Structure of Matter	11. Applications and Environmental Hazards
4. Radioactivity	12. Quiz 5
5. Quiz 2: Radioactivity	13. Special Project
6. Atomic Nuclei	14. Test
7. Quiz 3: Atomic Nuclei	15. Alternate Test
8. Nuclear Energy	16. Reference

GENERAL SCIENCE III UNIT 2: VOLUME, MASS, AND DENSITY	
Assignment Titles	
1. Volume	7. Density
2. Experiment: Determining Volume	8. Quiz 3: Density
3. Quiz 1: Volume	9. Special Project
4. Mass	10. Test
5. Experiment: Mass of Gas	11. Alternate Test
6. Quiz 2: Mass	12. Reference

**GENERAL SCIENCE III  
UNIT 3: PHYSICAL GEOLOGY**

**Assignment Titles**

- |                              |                                  |
|------------------------------|----------------------------------|
| 1. Earth Structures          | 11. Earth Movements              |
| 2. Internal Structures       | 12. Experiment: Specific Gravity |
| 3. Igneous Structures        | 13. Experiment: Gravity          |
| 4. Essay: Volcanic Eruptions | 14. Plate Tectonics              |
| 5. Mountains                 | 15. Quiz 3: Earth Movements      |
| 6. Quiz 1: Earth Structures  | 16. Special Project              |
| 7. Earth Changes             | 17. Test                         |
| 8. Erosion and Sediment      | 18. Alternate Test               |
| 9. Oceans                    | 19. Reference                    |
| 10. Quiz 2: Earth Changes    |                                  |

**GENERAL SCIENCE III  
UNIT 4: HISTORICAL GEOLOGY**

**Assignment Titles**

- |                                     |                           |
|-------------------------------------|---------------------------|
| 1. An Observational Science         | 7. Absolute Time          |
| 2. Sedimentary Rock                 | 8. Quiz 2: Measuring Time |
| 3. Fossils                          | 9. Special Project        |
| 4. Crustal Changes                  | 10. Test                  |
| 5. Quiz 1: An Observational Science | 11. Alternate Test        |
| 6. Measuring Time                   | 12. Reference             |

**GENERAL SCIENCE III  
UNIT 5: OCEANOGRAPHY**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Chronology and Techniques for Investigation   | 10. Physical Properties of the Ocean                      |
| 2. Major Discoveries and Submersible Research    | 11. Essay: Marine Report                                  |
| 3. Essay: The Moon and Tides                     | 12. Quiz 3: Biological, Physical, and Chemical Properties |
| 4. Quiz 1: The History of Oceanography           | 13. Special Project                                       |
| 5. Geological Structure and Results of Profiling | 14. Test  |
| 6. Turbidity, Sedimentation, and Currents        | 15. Alternate Test  |
| 7. Quiz 2: Geology of the Ocean                  | 16. Reference   |
| 8. Biology of the Ocean                          |   |
| 9. Chemistry of the Ocean                        |   |

**GENERAL SCIENCE III  
UNIT 6: ASTRONOMY**

**Assignment Titles**

- |  |                                  |
|--|----------------------------------|
| 1. Presuppositions                         | 9. Quiz 2: Telescopes and Optics |
| 2. Extent of the Universe                  | 10. Space Explorations           |
| 3. Constellations                          | 11. Quiz 3: Space Explorations   |
| 4. Measuring the Universe                  | 12. Special Project              |
| 5. Quiz 1: The Universe                    | 13. Test                         |
| 6. Gathering Light and Types of Telescopes | 14. Alternate Test               |
| 7. Other Types of Telescopes               | 15. Reference                    |
| 8. Essay: Telescopes                       |                                  |

**GENERAL SCIENCE III  
UNIT 7: BODY HEALTH (PART 1)**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Microorganisms                         | 12. More Serious Viral Infections                         |
| 2. Categories of Pathogenic Organisms     | 13. Quiz 3: Viral Infections                              |
| 3. Characteristics of Infectious Diseases | 14. Protozoan Infections                                  |
| 4. Essay: Medical Science                 | 15. Rickettsial Infections                                |
| 5. Quiz 1: Microorganisms                 | 16. Fungal Infections                                     |
| 6. Digestive Infections                   | 17. Quiz 4: Protozoan, Rickettsial, and Fungal Infections |
| 7. Respiratory Infections                 | 18. Special Project                                       |
| 8. Nervous System Infections              | 19. Test  |
| 9. Quiz 2: Bacterial Infections           | 20. Alternate Test  |
| 10. Common Viral Infections               | 21. Reference   |
| 11. Childhood Viral Infections            |   |

**GENERAL SCIENCE III  
UNIT 8: BODY HEALTH (PART 2)**

**Assignment Titles**

- |                                      |   |
|--------------------------------------|---|
| 1. Body Defense Mechanisms           | 8. Governmental Agencies and Volunteer Groups |
| 2. Medical Drugs                     | 9. Medical and Drug Control Organizations     |
| 3. Essay: Chemotherapy               | 10. Quiz 3: Community Agencies                |
| 4. Quiz 1: Disease Treatment         | 11. Special Project                           |
| 5. Environmental Conditions          | 12. Test                                      |
| 6. Medical Advances and Total Health | 13. Alternate Test                            |
| 7. Quiz 2: Disease Prevention        | 14. Reference                                 |

**GENERAL SCIENCE III  
UNIT 9: SCIENCE AND TOMORROW**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Ecology                                     | 9. Outer Space                             |
| 2. Agriculture and Waste                       | 10. Inner Space and Self Exploration       |
| 3. Population                                  | 11. Quiz 3: People and Their New Frontiers |
| 4. Quiz 1: People and Their Land               | 12. Special Project                        |
| 5. Energy Sources                              | 13. Test                                   |
| 6. Debate: Fossil Fuels, Nuclear/Natural Power | 14. Alternate Test                         |
| 7. Industry, Transportation, and Urbanization  | 15. Reference                              |
| 8. Quiz 2: People and Their Work Environment   |  |

**GENERAL SCIENCE III  
UNIT 10: REVIEW**

**Assignment Titles**

- |   |                                |
|---|--------------------------------|
| 1. Nuclear Power                          | 9. Practical Health            |
| 2. The Metric System                      | 10. Population and Environment |
| 3. Quiz 1: Nuclear Power                  | 11. Quiz 4: Practical Health   |
| 4. Weight Versus Mass                     | 12. Special Project            |
| 5. Quiz 2: Weight Versus Mass             | 13. Test                       |
| 6. Deposition Versus Erosion              | 14. Alternate Test             |
| 7. The Oceans, Continents; Earth in Space | 15. Reference                  |
| 8. Quiz 3: Deposition Versus Erosion      |                                |

## HEALTH QUEST

### COURSE OVERVIEW

Health Quest is a health science elective course for upper elementary and junior high students. The curriculum introduces students to the concepts of what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

HEALTH QUEST UNIT 1: YOUR BODY	
Assignment Titles	
1. Course Overview	11. Quiz 2: Your Body's Systems
2. Your Body's Building Blocks and Framework	12. Growth and Development
3. Experiment: Calcium	13. Adolescence
4. Experiment: Exercise	14. Adulthood
5. Quiz 1: Building Blocks and Framework	15. Special Project
6. Circulatory and Respiratory Systems	16. Quiz 3: Your Body's Growth and Development
7. Experiment: The Heart	17. Test
8. Digestive and Excretory Systems	18. Alternate Test
9. Nervous and Endocrine Systems	19. Reference
10. Report: Animal Body Systems	

HEALTH QUEST UNIT 2: HEALTH	
Assignment Titles	
1. Mental and Emotional Health	9. Personal Hygiene
2. Learning and Making Choices	10. Teeth, Eyes, and Ears
3. Project: Physical Play	11. Quiz 3: Personal Hygiene
4. Quiz 1: Mental and Emotional Health	12. Special Project
5. Social Health	13. Test
6. Family	14. Alternate Test
7. Friends	15. Reference
8. Quiz 2: Social Health	

HEALTH QUEST UNIT 3: NUTRITION AND FITNESS	
Assignment Titles	
1. Nutrition	11. Quiz 2: Basic Food Groups
2. Nutrients	12. Physical Fitness
3. Project: Nutrients	13. Top Condition
4. Project: Junk Food	14. Project: Fitness Program
5. Activity: Advertisement	15. Activity: Improvements
6. Quiz 1: Nutrition	16. Quiz 3: Physical Fitness
7. Basic Food Groups	17. Special Project
8. Good Eating	18. Test
9. Activity: My Plate	19. Alternate Test
10. Project: Menu Planner	20. Reference

**HEALTH QUEST  
UNIT 4: HEALTH MAINTENANCE**

**Assignment Titles**

- |                                |                                    |
|--------------------------------|------------------------------------|
| 1. Safety                      | 12. Project: First Aid Kit         |
| 2. Safety in the Home          | 13. Quiz 2: Emergency Care         |
| 3. Project: Fire Escape        | 14. Disease and Prevention         |
| 4. Other Dangers in the Home   | 15. Project: Immunizations         |
| 5. Project: Safety Check       | 16. Infectious Diseases            |
| 6. Pedestrian Safety           | 17. Special Project                |
| 7. Natural Disasters           | 18. Quiz 3: Disease and Prevention |
| 8. Quiz 1: Safety              | 19. Test                           |
| 9. Emergency Care: Part 1      | 20. Alternate Test                 |
| 10. Project: Heimlich Maneuver | 21. Reference                      |
| 11. Emergency Care: Part 2     |                                    |

**HEALTH QUEST  
UNIT 5: STEWARDSHIP**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Stewardship of God's Creation            | 12. Stewardship of Your Body: Alcohol                     |
| 2. Pollution                                | 13. Stewardship of Your Body: Tobacco                     |
| 3. Project: Pollutants                      | 14. Project: Letter                                       |
| 4. Project: Recycle                         | 15. Sexually Transmitted Diseases                         |
| 5. Project: Conserve                        | 16. Special Project                                       |
| 6. Quiz 1: Stewardship of God's Creation    | 17. Quiz 3: Stewardship of Your Body: Alcohol and Tobacco |
| 7. Stewardship of Your Body: Drugs          | 18. Test  |
| 8. Project: Poison Control                  | 19. Alternate Test  |
| 9. Types of Drugs                           | 20. Reference   |
| 10. Project: Expiration Dates               |   |
| 11. Quiz 2: Stewardship of Your Body: Drugs |   |

## HIGH SCHOOL HEALTH

### COURSE OVERVIEW

High School Health is a health science elective course that introduces students to what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

HIGH SCHOOL HEALTH UNIT 1: BODY ESSENTIALS	
Assignment Titles	
1. Course Overview	11. Growth and Development
2. The Head and Crown of Creation	12. Activity: Fetal Development
3. Anatomy and Physiology	13. Childhood Development
4. Quiz 1: Building Blocks of the Body	14. Adolescence
5. Nervous System and Circulatory System	15. Adulthood
6. Activity: Your Adaptive Heart	16. Activity: Interviewing an Older Person
7. Respiratory, Skeletal, and Muscular System	17. Quiz 3: Stages of Development
8. Digestive, Excretory, Endocrine, and Integumentary System	18. Special Project
9. Immune, Lymphatic, and Reproductive System	19. Test
10. Quiz 2: Body Systems	20. Alternate Test
	21. Reference

HIGH SCHOOL HEALTH UNIT 2: PHYSICAL HEALTH	
Assignment Titles	
1. Benefits of Proper Nutrition	12. Exercise and Physical Fitness
2. Carbohydrates	13. Activity: Heart Rate
3. Vitamins	14. Muscular Endurance and Strength
4. Activity: Your Favorite Foods	15. Exercise Program
5. Quiz 1: Essentials of Nutrition	16. Activity: How Fit Are You?
6. Developing Proper Eating Habits	17. Quiz 3: Exercise and Physical Fitness
7. Dairy Group and Protein Group	18. Special Project
8. Activity: Got Calcium?	19. Test
9. Food, God's Tasty Gift	20. Alternate Test
10. Healthy Eating Habits	21. Reference
11. Quiz 2: Eating the Right Foods	

HIGH SCHOOL HEALTH UNIT 3: SOCIAL AND MENTAL HEALTH	
Assignment Titles	
1. Aspects of Health	10. Personal Hygiene
2. Love	11. Teeth, Mouth, Eyes, and Ears
3. Activity: Examine Yourself	12. Activity: Hygiene Habits
4. Mental and Emotional Health	13. Quiz 3: Personal Hygiene
5. Quiz 1: Mental, Social, and Emotional Health	14. Special Project
6. Social Health	15. Test
7. Friends	16. Alternate Test
8. Speaking in Love	17. Reference
9. Quiz 2: Social Interaction	

HIGH SCHOOL HEALTH UNIT 4: PREVENTATIVE HEALTH CARE AND FIRST AID	
Assignment Titles	
1. Safety	13. First Aid
2. Home Safety	14. Activity: First Aid Kit
3. Home Safety II	15. Evaluating the Scene
4. Home Safety III	16. Wounds and Bleeding
5. Activity: Home Safety	17. Burns and Other Emergencies
6. Quiz 1: Home Safety	18. Activity: Making a Splint
7. Safety Guidelines	19. Hypothermia and Frostbite
8. Personal Safety	20. Quiz 3: First Aid
9. Activity: Moving Violations	21. Special Project
10. Water Safety	22. Test
11. Weather Safety	23. Alternate Test
12. Quiz 2: Personal Safety and the Environment	24. Reference

HIGH SCHOOL HEALTH UNIT 5: RESPONSIBLE LIVING	
Assignment Titles	
1. Disease and Prevention	13. Tobacco
2. Childhood Immunizations	14. Activity: Smoking, A Wise Choice?
3. Activity: Your Shots	15. Quiz 2: Substance Abuse
4. Non-Infectious Diseases	16. Health and the Environment
5. Activity: Major Diseases	17. Activity: Mother Earth
6. Health Care	18. Water Essentials
7. Activity: Visit the Sick	19. Sexually Transmitted Diseases
8. Quiz 1: Diseases and Health Care	20. Quiz 3: Health, Pollution, and the Environment
9. Drug Use and Abuse	21. Special Project
10. Drug Use and Abuse 2	22. Test
11. Alcohol	23. Alternate Test
12. Activity: Interview on Alcohol Use	24. Reference

## MUSIC APPRECIATION

### COURSE OVERVIEW

The goal of this semester-long course is to provide instruction in basic musical elements, trace the development and growth of classical music, and give students a strong foundation for a greater appreciation of music. Students will examine music in the world around them and discover how they experience music. They'll be introduced to the basic elements and sounds of music and instruments. Students will learn the names and backgrounds of several famous musical composers. Students will also learn how and where classical music began, how it developed over the centuries, and the ways in which music and culture affect each other. Lastly, students will examine the ways modern music has been influenced by classical music.

This course also provides students with lessons in engaged listening. These special lessons allow students to listen and respond to music. A template for how to listen and respond is provided.

Upon completion of the course, students should be able to do the following:

- Describe effective techniques to listen and respond to music.
- Identify and name common instruments by sight or sound.
- Identify and define musical terms such as beat, meter, notes, and tempo.
- Compare and contrast music from the Medieval, Renaissance, and Baroque periods.
- List ways in which the societies of the Medieval, Renaissance, and Baroque periods affected their music.
- Compare and contrast music from the Classical and Romantic periods.
- List ways in which the societies of the Classical and Romantic periods affected their music.
- Analyze the effects of classical and popular music on the music of the 20th century.

MUSIC APPRECIATION			
UNIT 1: DISCOVERING MUSIC			
Assignment Titles			
1.	Course Overview	13	Ethnic Music
2.	Appreciating Music	14	Project: Find Your Musical Heritage
3.	Listening to Music	15	Project: Engaged Listening
4.	Responding to Music	16	Quiz 2: Music in Society
5.	Participating in Music	17	Alternate Quiz 2: Form A: Music in Society
6.	Project: Music Response	18	Alternate Quiz 2: Form B: Music in Society
7.	Quiz 1: The Music Experience	19	Special Project
8.	Alternate Quiz 1: Form A: The Music Experience	20	Review
9.	Alternate Quiz 1: Form B: The Music Experience	21	Test
10.	Why Study Classical Music?	22	Alternate Test: Form A
11.	Culture in Music	23	Alternate Test: Form B
12.	Folk Music	24	Glossary and Credits

MUSIC APPRECIATION			
UNIT 2: MUSIC FUNDAMENTALS			
Assignment Titles			
1.	Rhythm	13	Musical Ensembles
2.	Melody	14	Project: Engaged Listening
3.	Harmony	15	Project: Creative Instrumentation
4.	Form	16	Quiz 2: Making Music
5.	Expression	17	Alternate Quiz 2: Form A: Making Music
6.	Project: Engaged Listening	18	Alternate Quiz 2: Form B: Making Music
7.	Project: Music Response	19	Special Project
8.	Quiz 1: Understanding Music	20	Review
9.	Alternate Quiz 1: Form A: Understanding Music	21	Test
10.	Alternate Quiz 1: Form B: Understanding Music	22	Alternate Test: Form A
11.	Wind Instruments	23	Alternate Test: Form B
12.	Stringed Instruments & Beyond	24	Glossary and Credits



**MUSIC APPRECIATION  
UNIT 3: BEGINNINGS OF MUSIC**

**Assignment Titles**

1. Life in Medieval Times	14. Baroque Composers
2. Music of the Medieval Era	15. Project: Engaged Listening
3. Renaissance Life	16. Project: Patron of the Arts
4. Music of the Renaissance	17. Quiz 2: The Baroque Era (1600-1750)
5. Project: Engaged Listening	18. Alternate Quiz 2:Form A: The Baroque Era (1600-1750)
6. Project: Renaissance Moods	19. Alternate Quiz 2:Form B: The Baroque Era (1600-1750)
7. Quiz 1: Medieval and Renaissance Eras	20. Special Project
8. Alternate Quiz 1:Form A: Medieval and Renaissance Eras	21. Review
9. Alternate Quiz 1:Form B: Medieval and Renaissance Eras	22. Test
10. Life during Baroque Times	23. Alternate Test: Form A
11. Baroque Musical Style	24. Alternate Test: Form B
12. Baroque Forms and Genres	25. Glossary and Credits
13. The Birth of Opera	

**MUSIC APPRECIATION  
UNIT 4: DEVELOPING MUSIC**

**Assignment Titles**

1. Life in the Classical Period	13. Nationalism
2. Classical Music	14. Project: Engaged Listening
3. Classical Forms and Genres	15. Project: Art
4. Leading Classical Composers	16. Quiz 2: The Romantic Era (1820-1900)
5. Project: Engaged Listening	17. Alternate Quiz 2:Form A: The Romantic Era (1820-1900)
6. Project: Composer Under Suspicion	18. Alternate Quiz 2:Form B: The Romantic Era (1820-1900)
7. Quiz 1: The Classical Era (1750-1820)	19. Special Project
8. Alternate Quiz 1:Form A: The Classical Era (1750-1820)	20. Review
9. Alternate Quiz 1:Form B: The Classical Era (1750-1820)	21. Test
10. Life in the Romantic Age	22. Alternate Test: Form A
11. Romantic Musical	23. Alternate Test: Form B
12. Romantic Genres & Form	24. Glossary and Credits

**MUSIC APPRECIATION  
UNIT 5: MODERN MUSIC**

**Assignment Titles**

1. Life and Music in the Twentieth Century	13. Project: Engaged Listening
2. Twentieth-Century Musical Style	14. Project: Concert Experience
3. Modernism	15. Quiz 2: Twentieth Century American Music
4. Beyond 1950	16. Alternate Quiz 2:Form A: Twentieth Century American Music
5. Project: Engaged Listening	17. Alternate Quiz 2:Form B: Twentieth Century American Music
6. Project: Serialism	18. Project: Defense of Music
7. Quiz 1: Twentieth Century Trends (1900-2000)	19. Special Project
8. Alternate Quiz 1:Form A: Twentieth Century Trends (1900-2000)	20. Review
9. Alternate Quiz 1:Form B: Twentieth Century Trends (1900-2000)	21. Test
10. The Good Ol' USA	22. Alternate Test: Form A
11. Popular Music	23. Alternate Test: Form B
12. Broadway and Film Music	24. Glossary and Credits

**MUSIC APPRECIATION  
UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

1. Units 1-2 Review	4. Alternate Exam—Form A
2. Units 3-5 Review	5. Alternate Exam—Form B
3. Exam	

## MUSIC THEORY

### COURSE OVERVIEW

Music Theory is a semester-length fine arts elective for high school students. The course requires no prior instrumental, vocal, or music theory study. Using the piano keyboard as a visual basis for comprehension, the course materials explore the nature of music, integrating these concepts:

- rhythm and meter
- written music notation
- the structure of various scale types
- interval qualities
- melody and harmony
- the building of chords
- transposition

Throughout the series of assignments, ear training exercises are interspersed with the bones of composition technique, building in students the ability not only to hear and appreciate music, but step-by-step, to create it in written form as well.

This highly interactive course culminates in the students producing original compositions, which while based on standard notation, demonstrate facets of personal expression. As the students' ability to perform increases in the future, they will better understand music and therefore better demonstrate its intrinsic communication of emotion and ideas.

MUSIC THEORY		
UNIT 1: RHYTHM AND METER		
Assignment Titles		
1.	Course Overview	15
2.	So, Why Study Music Anyway?	16
3.	Feeling the Beat	17
4.	The Value of a Note	18
5.	Measuring Music	19
6.	The Value of Silence	20
7.	Dots and Ties	21
8.	Ear Training #1–Rhythm 1	22
9.	Quiz 1: Introduction to Rhythm	23
10.	Alternate Quiz 1—Form A: Introduction to Rhythm	24
11.	Alternate Quiz 1—Form B: Introduction to Rhythm	25
12.	4/4–The Basic Time Signature	26
13.	Going Beyond 4/4	27
14.	Still More Time Signatures	
	Counting a Bit Faster	
	Ear Training #2–Rhythm 2	
	Special Rhythms	
	Creating a Rhythmic Piece	
	Quiz 2: Time Signature	
	Alternate Quiz 2—Form A: Time Signature	
	Alternate Quiz 2—Form B: Time Signature	
	Special Project	
	Review	
	Test	
	Alternate Test—Form A	
	Alternate Test—Form B	
	Glossary and Credits	

MUSIC THEORY		
UNIT 2: NOTATION AND PITCH		
Assignment Titles		
1.	The Printed Page	16
2.	The Musical Alphabet	17
3.	Altering Pitches	18
4.	Ear Training #3: Pitch	19
5.	Direction and Signs	20
6.	Quiz 1: The Look of Music	21
7.	Alternate Quiz 1—Form A: The Look of Music	22
8.	Alternate Quiz 1—Form B: The Look of Music	23
9.	Musical Intervals	24
10.	Writing Musical Intervals	25
11.	Ear Training #4: Intervals	26
12.	From Interval to Melody	27
13.	Project: Composing a Simple Melody	28
14.	Quiz 2: The Sound of Music	29
15.	Alternate Quiz 2—Form A: The Sound of Music	
	Alternate Quiz 2—Form B: The Sound of Music	
	Voicings	
	Instrumentation	
	Instrumentation 2	
	Ear Training #5: Identifying Instruments	
	Quiz 3: The Source of Music	
	Alternate Quiz 3—Form A: The Source of Music	
	Alternate Quiz 3—Form B: The Source of Music	
	Special Project	
	Review	
	Test	
	Alternate Test—Form A	
	Alternate Test—Form B	
	Glossary and Credits	

**MUSIC THEORY**  
**UNIT 3: SCALES AND KEY SIGNATURES**

**Assignment Titles**

1. Introduction to the Scale	13. Changing Keys
2. The Minor Scale	14. Project: Transposing Melodies
3. Other Scales	15. Quiz 2: Musical Key Signatures
4. Ear Training #6: Scales	16. Alternate Quiz 2—Form A: Musical Key Signatures
5. Project: Composing Non-Diatonic Melodies	17. Alternate Quiz 2—Form B: Musical Key Signatures
6. Quiz 1: Musical Scales	18. Special Project
7. Alternate Quiz 1—Form A: Musical Scales	19. Review
8. Alternate Quiz 1—Form B: Musical Scales	20. Test
9. Employing Scales as Keys	21. Alternate Test—Form A
10. Identifying Major Keys	22. Alternate Test—Form B
11. Identifying Minor Keys	23. Glossary and Credits
12. Comparing Major and Minor Keys	

**MUSIC THEORY**  
**UNIT 4: HARMONY**

**Assignment Titles**

1. Interval Quality	13. Ear Training #10: Hearing Triads
2. Ear Training #7: Major or Minor?	14. Using Triads and Chords
3. Perfect Intervals	15. Project: Creating a Simple Accompaniment
4. Ear Training #8: Major, Minor, or Perfect?	16. Quiz 2: Working with Chords
5. Augmented and Diminished Intervals	17. Alternate Quiz 2—Form A: Working with Chords
6. Ear Training #9: Harmony or Dissonance?	18. Alternate Quiz 2—Form B: Working with Chords
7. Quiz 1: Beginning to Harmonize	19. Special Project
8. Alternate Quiz 1—Form A: Beginning to Harmonize	20. Review
9. Alternate Quiz 1—Form B: Beginning to Harmonize	21. Test
10. Building Triads	22. Alternate Test—Form A
11. Comparing Triads	23. Alternate Test—Form B
12. Inverting Triads	24. Glossary and Credits

**MUSIC THEORY**  
**UNIT 5: MAKING MUSIC**

**Assignment Titles**

1. Musical Performance	13. You're the Composer
2. Musical Performance 2	14. Original Composition
3. Ornamentation	15. Quiz 2: Finding Your Voice
4. Phrasing	16. Alternate Quiz 2—Form A: Finding Your Voice
5. Style	17. Alternate Quiz 2—Form B: Finding Your Voice
6. Ear Training #11: Listening for Musical Expression	18. Special Project
7. Quiz 1: Interpreting Music	19. Review
8. Alternate Quiz 1—Form A: Interpreting Music	20. Test
9. Alternate Quiz 1—Form B: Interpreting Music	21. Alternate Test—Form A
10. Applications of Music	22. Alternate Test—Form B
11. Arranging	23. Glossary and Credits
12. Composition Principles	

**MUSIC THEORY**  
**UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

1. Review	3. Alternate Exam—Form A
2. Exam	4. Alternate Exam—Form B

## PERSONAL FINANCIAL LITERACY

### COURSE OVERVIEW

Personal Financial Literacy is a semester-length elective designed to help high school students prepare for success in making financial decisions throughout their lives.

Topics in the course address the advantages of making sound financial decisions in both the short and long term, income planning, money management, saving and investing, and consumer rights and responsibilities.

Upon completion of Personal Financial Literacy, students should possess the knowledge and skills needed to do the following:

- Find and evaluate financial information from a variety of sources when making personal financial decisions.
- Understand the role of income, taxes, and research in developing and planning a career path.
- Develop systems for managing money (including saving and investing) tied to personal financial goals.
- Recognize and understand a consumer's rights and responsibilities in a complex world market.

PERSONAL FINANCIAL LITERACY UNIT 1: FINANCIAL RESPONSIBILITY AND DECISION MAKING	
Assignment Titles	
1. Course Overview	12. Alternate Quiz 2 - Form B: Financial Information
2. Introduction to Financial Literacy	13. Personal Financial Goals
3. Self-Assessment	14. Decision-Making Process
4. Taking Responsibility	15. Project: Making Decisions
5. Quiz 1: Overview of Financial Literacy	16. Quiz 3: Decision Making
6. Alternate Quiz 1 - Form A: Overview of Financial Literacy	17. Alternate Quiz 3 - Form A: Decision Making
7. Alternate Quiz 1 - Form B: Overview of Financial Literacy	18. Alternate Quiz 3 - Form B: Decision Making
8. Finding and Evaluating Financial Information	19. Special Project
9. Project: Reliable Financial Information	20. Review
10. Quiz 2: Financial Information	21. Test
11. Alternate Quiz 2 - Form A: Financial Information	22. Alternate Test - Form A
	23. Alternate Test - Form B
	24. Glossary and Credits

PERSONAL FINANCIAL LITERACY UNIT 2: CAREERS AND INCOME	
Assignment Titles	
1. Exploring Career Options	12. Project: Tax Forms
2. Starting a Business	13. Quiz 2: Income and Taxes
3. Project: Self-Reflection	14. Alternate Quiz 2 - Form A: Income and Taxes
4. Career Path	15. Alternate Quiz 2 - Form B: Income and Taxes
5. Project: Reaching My Career Goals	16. Special Project
6. Quiz 1: Careers	17. Review
7. Alternate Quiz 1 - Form A: Careers	18. Test
8. Alternate Quiz 1 - Form B: Careers	19. Alternate Test - Form A
9. Sources of Income	20. Alternate Test - Form B
10. My Paycheck	21. Glossary and Credits
11. Taxes	

**PERSONAL FINANCIAL LITERACY  
UNIT 3: MONEY MANAGEMENT**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Overview of a Budget                         | 17. Alternate Quiz 2 - Form A: Financial Institutions and Services |
| 2. Project: Spending Diary                      | 18. Alternate Quiz 2 - Form B: Financial Institutions and Services |
| 3. Spending                                     | 19. Financial Risks  |
| 4. Money Management Tools                       | 20. Project: Manage the Risks                                      |
| 5. Project: Create a Budget                     | 21. Quiz 3: Risks  |
| 6. Quiz 1: Budget                               | 22. Alternate Quiz 3 - Form A: Risks                               |
| 7. Alternate Quiz 1 - Form A: Budget            | 23. Alternate Quiz 3 - Form B: Risks                               |
| 8. Alternate Quiz 1 - Form B: Budget            | 24. Special Project  |
| 9. Financial Institutions                       | 25. Review   |
| 10. Project: Selecting a Bank                   | 26. Test   |
| 11. Services, Tools, and Resources              | 27. Alternate Test - Form A  |
| 12. Checking Account                            | 28. Alternate Test - Form B  |
| 13. Project: Choosing a Checking Account        | 29. Glossary and Credits   |
| 14. Project: Checkbook                          |  |
| 15. Online Banking                              |  |
| 16. Quiz 2: Financial Institutions and Services |  |

**PERSONAL FINANCIAL LITERACY  
UNIT 4: SAVING AND INVESTING**

**Assignment Titles**

- |                                      |  |
|--------------------------------------|--|
| 1. It Pays to Save                   | 12. Project: Portfolio                   |
| 2. Savings Account                   | 13. Quiz 2: Investing                    |
| 3. Special Savings Accounts          | 14. Alternate Quiz 2 - Form A: Investing |
| 4. Project: Where Should I Save?     | 15. Alternate Quiz 2 - Form B: Investing |
| 5. Quiz 1: Saving                    | 16. Special Project                      |
| 6. Alternate Quiz 1 - Form A: Saving | 17. Review                               |
| 7. Alternate Quiz 1 - Form B: Saving | 18. Test                                 |
| 8. Overview of Investing             | 19. Alternate Test - Form A              |
| 9. Stocks                            | 20. Alternate Test - Form B              |
| 10. Project: Tracking Stock          | 21. Glossary and Credits                 |
| 11. Financial Planning               |  |

**PERSONAL FINANCIAL LITERACY  
UNIT 5: CREDIT, DEBT, AND CONSUMER SKILLS**

**Assignment Titles**

- |                                      |  |
|--------------------------------------|--|
| 1. Debt and Stewardship              | 15. Alternate Quiz 2 - Form A: Loans     |
| 2. Credit Cards                      | 16. Alternate Quiz 2 - Form B: Loans     |
| 3. Project: Selecting a Credit Card  | 17. Consumer Rights                      |
| 4. Creditworthy                      | 18. Consumer Purchases                   |
| 5. Credit Problems                   | 19. Project: Smart Consumer              |
| 6. Quiz 1: Credit                    | 20. Quiz 3: Consumers                    |
| 7. Alternate Quiz 1 - Form A: Credit | 21. Alternate Quiz 3 - Form A: Consumers |
| 8. Alternate Quiz 1 - Form B: Credit | 22. Alternate Quiz 3 - Form B: Consumers |
| 9. Overview of Loans                 | 23. Special Project                      |
| 10. Mortgages                        | 24. Review                               |
| 11. Other Loans                      | 25. Test                                 |
| 12. Project: Making a Large Purchase | 26. Alternate Test - Form A              |
| 13. Rent or Buy                      | 27. Alternate Test - Form B              |
| 14. Quiz 2: Loans                    | 28. Glossary and Credits                 |

**PERSONAL FINANCIAL LITERACY  
UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

## PHYSICAL EDUCATION

### COURSE OVERVIEW

Physical Education is a semester-long elective designed for high school students. The course focuses on performance of individual and team sports, with explanations of proper technique, rules of the game, and preparation. Team sports introduced include soccer, basketball, football, baseball, and volleyball. An introduction to fitness, strength, endurance, and nutrition is also included.

Students will have the opportunity to perform each sport on their own time, while keeping a log of activity. The goal is incorporation of activity into their daily lives and the gain of lifelong healthy fitness habits.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Upon completion of Physical Education, students should possess the knowledge and skills needed to do the following:

- Define physical fitness and describe the components of being physically fit
- Evaluate their fitness level
- Apply physical fitness, nutrition-related, and weight-management skills to their lives
- Understand and apply safe exercise rules
- Describe the history and rules of sports such as basketball, baseball, football, soccer, volleyball, and gymnastics
- Describe and apply skills needed for a variety of sports

<b>PHYSICAL EDUCATION</b>	
<b>UNIT 1: FINANCIAL RESPONSIBILITY AND DECISION MAKING</b>	
<b>Assignment Titles</b>	
1. Course Overview	26. Project: Modern Baseball
2. Defining Physical Fitness	27. Baseball History
3. Principles of Training	28. Project: Baseball History
4. Project: Principles of Training	29. Volleyball
5. Risk Factors and Behaviors	30. Project: Volleyball
6. Project: Risk Factors and Behaviors	31. Title IX and Gender Issues in Sports
7. Balance and Flexibility	32. Project: Title IX and Gender Issues in Sports
8. How the Heart Works	33. Olympics
9. Project: How the Heart Works	34. Project: Olympics
10. Muscular Strength and Endurance	35. Controversy in the Olympic Games
11. Evaluating Your Fitness Level	36. Project: Controversy in the Olympic Games
12. Nutrition	37. Golf
13. Project: Nutrition	38. Project: Golf
14. Weight Management	39. Tennis
15. Responsible Choices	40. Swimming
16. Project: Responsible Choices	41. Project: Swimming
17. Handling Your Stress	42. Gymnastics
18. Exercise Safety	43. Running
19. Soccer	44. Project: Running
20. Project: Soccer	45. Racewalking
21. Basketball Overview	46. Careers in Sports
22. Project: Basketball Overview	47. Project: Careers in Sports
23. Understanding Football	48. Test
24. Project: Understanding Football	49. Glossary and Credits
25. Modern Baseball	

## PHYSICAL FITNESS

### COURSE OVERVIEW

Physical Fitness is a semester-length elective designed for high school students. The course focuses on the health benefits of regular physical activity and of a long term exercise program.

As students work through the course, they will learn about the many aspects of physical fitness, including basic nutrition, the importance of flexibility, cardiovascular health, muscle and strength training, and realistic goal setting. Along the way, students will be required to maintain and submit an activity log in order to measure progress in course exercises, as well as in personal fitness goals.

Upon completion of Physical Fitness, students should possess the knowledge and skills needed to do the following:

- Analyze the key components of successful physical activity and use this analysis to determine if a program is reasonable and effective.
- Describe the three main types of physical activity that should be included in a exercise regime and the health benefits of each.
- Perform basic fitness exercises associated with the three main types of physical activity discussed in this course.
- Identify the main motivational strategies that can be used to help the student continue in positive fitness habits once this course is completed.

PHYSICAL FITNESS UNIT 1: AN OVERVIEW OF FITNESS	
Assignment Titles	
1. Course Overview	13. What is Nutrition?
2. What is Physical Fitness?	14. Weight Control
3. Why Should I Exercise?	15. Putting the Pieces Together
4. Quiz 1: Physical Fitness and Exercise	16. Project: Food Analysis
5. Alternate Quiz 1 - Form A: Physical Fitness and Exercise	17. Quiz 3: Basic Nutrition
6. Alternate Quiz 1 - Form B: Physical Fitness and Exercise	18. Alternate Quiz 3 - Form A: Basic Nutrition
7. Physical Benefits	19. Alternate Quiz 3 - Form B: Basic Nutrition
8. Mental and Emotional Benefits	20. Special Project
9. Longevity	21. Review
10. Quiz 2: Benefits of Exercise	22. Test
11. Alternate Quiz 2 - Form A: Benefits of Exercise	23. Alternate Test - Form A
12. Alternate Quiz 2 - Form B: Benefits of Exercise	24. Alternate Test - Form B
	25. Glossary and Credits

PHYSICAL FITNESS UNIT 2: FLEXIBILITY TRAINING	
Assignment Titles	
1. Daily Activity versus Planned Exercise	13. Correct Motion and Breathing
2. Project: Using the Activity Log	14. Project: Upper Body Flexibility Exercises
3. Warm-ups and Cool-Downs	15. Project: Lower Body Flexibility Exercises
4. Quiz 1: Planning Daily Exercise	16. Project: Whole Body Flexibility Exercises
5. Alternate Quiz 1 - Form A: Planning Daily Exercise	17. Unit 2 Activity Log
6. Alternate Quiz 1 - Form B: Planning Daily Exercise	18. Special Project
7. Is Stretching Exercise?	19. Review
8. Physical Benefits of Stretching	20. Test
9. Project: Test your Flexibility	21. Alternate Test - Form A
10. Quiz 2: Stretching	22. Alternate Test - Form B
11. Alternate Quiz 2 - Form A: Stretching	23. Glossary and Credits
12. Alternate Quiz 2 - Form B: Stretching	

**PHYSICAL FITNESS**  
**UNIT 3: CARDIOVASCULAR FITNESS**

**Assignment Titles**

1. What Defines Cardiovascular Exercise?	14. Project: Low Impact Calorie Burning
2. Benefits of Cardiovascular Training	15. Project: High Intensity Calorie Burning
3. Project: Test Your Cardiovascular Fitness Level	16. Quiz 3: Cardiovascular Exercise and Weight Control
4. Quiz 1: Cardiovascular Training	17. Alternate Quiz 3 - Form A: Cardiovascular Exercise and Weight Control
5. Alternate Quiz 1 - Form A: Cardiovascular Training	18. Alternate Quiz 3 - Form B: Cardiovascular Exercise and Weight Control
6. Alternate Quiz 1 - Form B: Cardiovascular Training	19. Unit 3 Activity Log
7. Intensity Versus Duration	20. Special Project
8. Project: Walking Drills	21. Review
9. Project: Wind Sprints	22. Test
10. Quiz 2: Intensity Versus Duration	23. Alternate Test - Form A
11. Alternate Quiz 2 - Form A: Intensity Versus Duration	24. Alternate Test - Form B
12. Alternate Quiz 2 - Form B: Intensity Versus Duration	25. Glossary and Credits
13. Cardiovascular Exercise and Weight Control	

**PHYSICAL FITNESS**  
**UNIT 4: RESISTANCE TRAINING**

**Assignment Titles**

1. What is Strength Training?	13. Quiz 2: The Resistance Training Workout
2. How is Muscular Strength Developed?	14. Alternate Quiz 2 - Form A: The Resistance Training Workout
3. Project: Test Your Muscular Strength and Endurance	15. Alternate Quiz 2 - Form B: The Resistance Training Workout
4. Quiz 1: Resistance Training	16. Unit 4 Activity Log
5. Alternate Quiz 1 - Form A: Resistance Training	17. Special Project
6. Alternate Quiz 1 - Form B: Resistance Training	18. Review
7. A Combination of Resistance and Repetitions	19. Test
8. Project: Isolating the Upper Body	20. Alternate Test - Form A
9. Project: Isolating the Lower Body	21. Alternate Test - Form B
10. Project: Developing Your Core	22. Glossary and Credits
11. Project: Graded Resistance Exercise Performance	
12. Strength Training and Weight Control	

**PHYSICAL FITNESS**  
**UNIT 5: MOTIVATION AND MINDSET**

**Assignment Titles**

1. Developing a Realistic Mindset and Goals	14. Success Strategies
2. Adapting the Program Over Time	15. Project: Try a Strategy for Success
3. Project: Flexibility and Cardiovascular Exercise Workout	16. Project: A Resistance Training and Flexibility Workout
4. Quiz 1: Motivation and Mindset	17. Quiz 3: Staying Motivated
5. Alternate Quiz 1 - Form A: Motivation and Mindset	18. Alternate Quiz 3 - Form A: Staying Motivated
6. Alternate Quiz 1 - Form B: Motivation and Mindset	19. Alternate Quiz 3 - Form B: Staying Motivated
7. Overuse injuries	20. Unit 5 Activity Log
8. Breaks and Plateaus	21. Special Project
9. Project: A Cardiovascular Exercise Workout	22. Review
10. Quiz 2: Dealing with Setbacks	23. Test
11. Alternate Quiz 2 - Form A: Dealing with Setbacks	24. Alternate Test - Form A
12. Alternate Quiz 2 - Form B: Dealing with Setbacks	25. Alternate Test - Form B
13. Understanding Discouragement and Motivation	26. Glossary and Credits

**PHYSICAL FITNESS**  
**UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

1. Review	3. Alternate Exam - Form A
2. Exam	4. Alternate Exam - Form B



## SECONDARY FRENCH

### COURSE OVERVIEW

Designed for grades 7-12, Secondary French builds on Elementary French, teaching students to speak and write in French as they undertake a mission as secret agents. Secondary French includes language resources, memory aids, songs, and cultural insights. All audio recordings are French speakers.

Upon successfully completing the course, students should have mastered the following concepts:

- Use words and phrases for introductions and greetings.
- Pronounce French vowels, semi-vowels, nasal sounds, and consonant sounds correctly.
- Comprehend, understand, and perform instructions in French, using numbers, points, lines, and figures.
- Develop speed and fluency in spontaneous speech using interrogatives.
- Gain information and appreciation for other cultures.
- Recognize sentence patterns and build comprehension skills.

#### SECONDARY FRENCH UNIT 1

##### Assignment Titles

1. Course Overview	10. Toward Fluency 1
2. Introduction	11. From Word to Discourse 1
3. Mission to l'île de Providence	12. The Adventure Continues 1
4. The Puzzle	13. Recipe Idea: Les Frites
5. Puzzle Sentences	14. Chatter at a Royal Ball 1
6. Self-Test	15. About the Diglot-Weave
7. Points, Lines, & Numbers 1	16. The Broken Window 1
8. Recipe Idea: Quiche Lorraine	17. The Broken Window 2
9. More on Numbers 1	18. Progress Test 1

#### SECONDARY FRENCH UNIT 2

##### Assignment Titles

1. More on Numbers 2	11. Points, Lines, & Numbers 3
2. Points, Lines, & Numbers 2	12. From Word to Discourse 2
3. Thinking en Français 1	13. Chatter at a Royal Ball 3
4. Thinking en Français 2	14. Focus on the Language 9-14
5. Toward Fluency 2	15. Self-Test
6. Chatter at a Royal Ball 2	16. Questions and Answers
7. Focus on the Language 1-8	17. Telling Stories
8. On Pronunciation 1	18. Creating Your Own Mini-Story Plots
9. The Adventure Continues 2	19. Progress Test 2
10. The Key of the King's Kingdom 1	

#### SECONDARY FRENCH UNIT 3

##### Assignment Titles

1. Points, Lines, Numbers & Shapes	10. Focus on the Language 15-23
2. A Mother Talks to Her Baby 1	11. My First Visit to Québec 1
3. The Adventure Continues 3	12. The Key of the King's Kingdom 2
4. From Word to Discourse 3	13. Much Communication with Limited Means
5. In the Classroom	14. Focus on the Language 24-28
6. Geography Lesson 1	15. The Adventure Continues 4
7. More on Numbers 3	16. Stringing Together Your Own Narratives 1
8. Thinking en Français 3	17. Progress Test 3
9. Chatter at a Royal Ball 4	

**SECONDARY FRENCH  
UNIT 4**

**Assignment Titles**

- |                                 |   |
|---------------------------------|---|
| 1. Points, Lines, & Shapes 1    | 9. From Word to Discourse 4                         |
| 2. The Keys of Rome             | 10. More on Numbers 4                               |
| 3. Geography Lesson 2           | 11. Focus on the Language 29-33                     |
| 4. A Mother Talks to Her Baby 2 | 12. Stringing Together Your Own Narratives 2        |
| 5. In the Classroom             | 13. Easy Words to Learn and Important Words to Know |
| 6. Points, Lines, & Shapes 2    | 14. Progress Test 4                                 |
| 7. Thinking en Français 4       |   |
| 8. My First Visit to Québec 2   |   |

**SECONDARY FRENCH  
UNIT 5**

**Assignment Titles**

- |                                 |  |
|---------------------------------|--|
| 1. Focus on Action 1            | 10. Chatter at a Royal Ball 6 (Review)     |
| 2. Thinking en Français 5       | 11. Test Your Performance                  |
| 3. Geography Lesson 3           | 12. Wrap-Up Activities                     |
| 4. Proverbs                     | 13. Generating Sentences for Oral Practice |
| 5. In the Classroom 3           | 14. A Surprising Discovery                 |
| 6. A Mother Talks to Her Baby 3 | 15. Geography Lesson 4                     |
| 7. Child's Talk                 | 16. Three Little Pigs 1                    |
| 8. Chatter at a Royal Ball 5    | 17. My First Visit to Québec 3             |
| 9. Focus on the Language 34-39  | 18. Progress Test 5                        |

**SECONDARY FRENCH  
UNIT 6**

**Assignment Titles**

- |  |                                       |
|--|---------------------------------------|
| 1. Focus on Action 2                   | 7. A Child's Questions 1              |
| 2. Geography Lesson 5                  | 8. A Note of Humor: A Critical Mother |
| 3. A Dream About a Little Girl         | 9. My First Visit to Québec 4         |
| 4. Chatter at a Royal Ball 7           | 10. From Word to Discourse 5          |
| 5. Focus on the Language 40-44         | 11. Progress Test 6                   |
| 6. Talking to a Small Child at the Zoo |                                       |

**SECONDARY FRENCH  
UNIT 7**

**Assignment Titles**

- |                                |                             |
|--------------------------------|-----------------------------|
| 1. Focus on Scene 1            | 7. Little Red Riding Hood 1 |
| 2. Chatter at a Royal Ball 8   | 8. A Child's Questions 2    |
| 3. Focus on the Language 45-49 | 9. What a Beautiful Sight!  |
| 4. Focus on Action 3           | 10. The Three Bears         |
| 5. Chatter at a Royal Ball 9   | 11. Culture Questions 1     |
| 6. Geography Lesson 6          | 12. Progress Test 7         |

**SECONDARY FRENCH  
UNIT 8**

**Assignment Titles**

- |                              |                               |
|------------------------------|-------------------------------|
| 1. Geometry Lesson           | 6. Three Thieves              |
| 2. A Little Boy and a Flower | 7. Chemistry Lesson           |
| 3. Geography Lesson 7        | 8. A Voice in the Darkness    |
| 4. At the Aquarium           | 9. Chatter at a Royal Ball 10 |
| 5. Focus on Scene 2          | 10. Progress Test 8           |

**SECONDARY FRENCH  
UNIT 9**

**Assignment Titles**

- |                                   |   |
|-----------------------------------|---|
| 1. A Note of Humor: The Crocodile | 5. Conversations and Snatches of Conversation |
| 2. The Farmer and the Turnip      | 6. Meeting at the University 1                |
| 3. The Story of Chicken Little    | 7. Openers and Rejoinders                     |
| 4. No One Pays Attention to Me!   | 8. Progress Test 9                            |

**SECONDARY FRENCH  
UNIT 10**

**Assignment Titles**

- |                                |  |
|--------------------------------|--|
| 1. Meeting at the University 2 | 5. The Hare and the Tortoise           |
| 2. Isabelle and Vincent        | 6. Five Blind Men Describe an Elephant |
| 3. Chatter at a Royal Ball 11  | 7. Progress Test 10                    |
| 4. Afanti and the Pauper       |  |

**SECONDARY FRENCH  
UNIT 11**

**Assignment Titles**

- |                             |                                |
|-----------------------------|--------------------------------|
| 1. Three Little Pigs 2      | 6. The Silent Fishermen 2      |
| 2. Three Little Pigs 3      | 7. Three Billygoats Gruff      |
| 3. The Hunter and the Thief | 8. Mercury and the Woodcutters |
| 4. The Silent Fishermen 1   | 9. The Little Red Hen 1        |
| 5. Culture Questions 2      | 10. Progress Test 11           |

**SECONDARY FRENCH  
UNIT 12**

**Assignment Titles**

- |                             |  |
|-----------------------------|--|
| 1. Little Red Riding Hood 2 | 6. A Greedy Dog                          |
| 2. A Milkmaid's Fantasy     | 7. The Most Beautiful Thing in The World |
| 3. Two Stubborn Goats       | 8. The Adventure Continues 5             |
| 4. The Little Red Hen 2     | 9. Recipe Idea: French Crêpes            |
| 5. A Hungry Giant           | 10. Progress Test 12                     |

## SECONDARY SPANISH

### COURSE OVERVIEW

Designed for grades 7-12, Secondary Spanish builds on Elementary Spanish, teaching students to speak and write in Spanish as they undertake a mission as secret agents. Secondary Spanish includes language resources, memory aids, songs, and cultural insights. All audio recordings are Spanish speakers.

Upon successfully completing the course, students should have mastered the following concepts:

- Use words and phrases for introductions and greetings.
- Pronounce Spanish vowels correctly.
- Comprehend, understand, and perform instructions in Spanish.
- Develop speed and fluency in spontaneous speech.
- Gain information and appreciation for other cultures.
- Recognize sentence patterns and build comprehension skills.

#### SECONDARY SPANISH UNIT 1

##### Assignment Titles

1. Course Overview	12. More on Numbers 1
2. Introduction	13. Toward Fluency 1
3. Mission to Isla de Providencia	14. Cultural Overview: Spain
4. The Puzzles	15. Recipe Idea: Paella
5. Self-Quiz 1	16. Cultural Overview: Argentina
6. Speed Learning	17. Writing Narratives 1
7. Self-Quiz 2	18. The Broken Window 1
8. Hispanic Cultural Overview	19. The Broken Window 2
9. Recipe Idea: Cheese Enchiladas	20. The Broken Window 3
10. Getting Ready to Read Spanish	21. Progress Test 1
11. Points, Lines, & Numbers 1	

#### SECONDARY SPANISH UNIT 2

##### Assignment Titles

1. Ditties 1	11. Demonstration Lecture 1
2. Points, Lines, & Numbers 2	12. Writing Narratives 2
3. Thinking en Español	13. Chatter at a Royal Ball 2
4. Pictographs and Their Meanings	14. Observing How Spanish Works 1
5. Toward Fluency 2	15. Hispanic Cultural Overview 3
6. Chatter at a Royal Ball 1	16. Focus on the Language 1-5
7. Hispanic Cultural Overview 2	17. Focus on the Language 6-7
8. Recipe Idea: Cheese Empanadas	18. Questions in Spanish
9. The Roman Alphabet	19. Progress Test 2
10. More on Numbers 2	

#### SECONDARY SPANISH UNIT 3

##### Assignment Titles

1. Points, Lines, & Numbers 3	12. Toward Fluency 3
2. Speed Learning 1	13. More on the Alphabet
3. A Mother Talks to Her Baby 1	14. Geography Lesson 1
4. From Word to Discourse 1	15. From Word to Discourse 2
5. Dealing with Real Objects	16. Communicating With Just a Few Words
6. The Key of the King's Kingdom	17. Speed Learning 2
7. In the Classroom 1	18. Chatter at a Royal Ball 4
8. Chatter at a Royal Ball 3	19. Hispanic Cultural Overview 4
9. Focus on the Language 8-10	20. Observing How Spanish Works 2
10. Wrap-Up Activities 1	21. Observing How Spanish Works 3
11. Creating Your Own Stories 1	22. Progress Test 3

**SECONDARY SPANISH  
UNIT 4**

**Assignment Titles**

- |                                     |                                |
|-------------------------------------|--------------------------------|
| 1. My First Visit to Mexico 1       | 8. In the Classroom 2          |
| 2. My First Visit to Mexico 2       | 9. My First Visit to Mexico 3  |
| 3. Focus on the Language 11-12      | 10. My First Visit to Mexico 4 |
| 4. Self-Quiz                        | 11. More on Numbers 3          |
| 5. Points, Lines, Numbers, & Shapes | 12. A Joke in Spanish          |
| 6. The Keys of Rome                 | 13. Progress Test 4            |
| 7. Ditties 2                        |                                |

**SECONDARY SPANISH  
UNIT 5**

**Assignment Titles**

- |                                 |  |
|---------------------------------|--|
| 1. Chatter at a Royal Ball 5    | 10. Verb Conjugation 1                         |
| 2. Focus on the Language 13-14  | 11. Points, Lines, & Shapes                    |
| 3. Wrap-Up Activities 2         | 12. In the Classroom 3                         |
| 4. Creating Your Own Sentences  | 13. Verb Conjugation 2                         |
| 5. Creating Your Own Stories 2  | 14. Familiar Words                             |
| 6. Focus on Action 1            | 15. An Incident in a Park in Central America 1 |
| 7. Hispanic Cultural Overview 5 | 16. Chatter at a Royal Ball 6                  |
| 8. A Mother Talks to Her Baby 2 | 17. Geography Lesson 2                         |
| 9. Questions of a Child 1       | 18. Progress Test 5                            |

**SECONDARY SPANISH  
UNIT 6**

**Assignment Titles**

- |   |                              |
|---|------------------------------|
| 1. An Incident in a Park in Central America 2 | 9. Chatter at a Royal Ball 7 |
| 2. Poems                                      | 10. Verbs: Saber vs. Conocer |
| 3. Focus on Action 2                          | 11. Wrap-Up Activities 3     |
| 4. Comparisons                                | 12. A Surprising Discovery   |
| 5. A Mother Talks to Her Baby 3               | 13. What a Beautiful Sight!  |
| 6. Verb Conjugation 3                         | 14. Questions and Answers 1  |
| 7. Points, Lines, & Numbers 4                 | 15. Progress Test 6          |
| 8. Questions of a Child                       |                              |

**SECONDARY SPANISH  
UNIT 7**

**Assignment Titles**

- |                                    |                                |
|------------------------------------|--------------------------------|
| 1. At the Aquarium                 | 10. The Three Bears            |
| 2. A Small Child Answers the Phone | 11. Chatter at a Royal Ball 9  |
| 3. Meeting at the University 1     | 12. Chatter at a Royal Ball 10 |
| 4. Chatter at a Royal Ball 8       | 13. Geography Lesson 3         |
| 5. Focus on the Language 15-16     | 14. Geometry Lesson 1          |
| 6. The Farmer and the Turnip       | 15. Questions of a Child 3     |
| 7. In the Classroom 4              | 16. Wrap Up Activities 4       |
| 8. Focus on a Scene                | 17. Focus on Action 3          |
| 9. Cultural Overview: Panama       | 18. Progress Test 7            |

**SECONDARY SPANISH  
UNIT 8**

**Assignment Titles**

- |                                |                                       |
|--------------------------------|---------------------------------------|
| 1. The Pig at the Stile        | 9. Meeting at the University 2        |
| 2. Openers and Rejoinders      | 10. Observing How Spanish Works 4     |
| 3. Cultural Overview: Paraguay | 11. The Skillful Calculator           |
| 4. Little Red Riding Hood 1    | 12. Questions and Answers 2           |
| 5. In the Classroom 5          | 13. Focus on the Language 19 (Review) |
| 6. Chatter at a Royal Ball 11  | 14. Wrap-Up Activities 5              |
| 7. Focus on the Language 17-18 | 15. Progress Test 8                   |
| 8. A Hungry Giant              |                                       |

**SECONDARY SPANISH  
UNIT 9**

**Assignment Titles**

- |                                     |                        |
|-------------------------------------|------------------------|
| 1. Dream of a Little Girl           | 8. The Critical Mother |
| 2. The Three Billygoats             | 9. Chicken Little      |
| 3. Vincent and Isabel               | 10. In the Classroom 6 |
| 4. Cultural Overview: Perú          | 11. Verb Conjugation 4 |
| 5. Recipe Idea: Spicy Chicken Sauce | 12. Verb Tenses        |
| 6. Geography Lesson                 | 13. Progress Test 9    |
| 7. The Arab and His Camel           |                        |

**SECONDARY SPANISH  
UNIT 10**

**Assignment Titles**

- |                              |                               |
|------------------------------|-------------------------------|
| 1. A Little Boy and a Flower | 8. Geometry Lesson 2          |
| 2. The Three Little Pigs     | 9. Cultural Overview: Uruguay |
| 3. Lines & Shapes            | 10. Unity                     |
| 4. The Crocodile             | 11. Openers and Rejoinders 2  |
| 5. Mini-Dialogues            | 12. The Silent Fishermen      |
| 6. The Little Red Hen        | 13. Poems and Ditties         |
| 7. Nobody Cares About Me!    | 14. Progress Test 10          |

**SECONDARY SPANISH  
UNIT 11**

**Assignment Titles**

- |  |                                |
|--|--------------------------------|
| 1. The Three Bears                     | 7. Useful Words and Phrases 1  |
| 2. Openers and Rejoinders 3            | 8. Questions and Answers 4     |
| 3. The House of Chuchurumbel           | 9. Afanti and the Clown        |
| 4. Geometry Lesson                     | 10. Useful Words and Phrases 2 |
| 5. Five Blind Men Describe an Elephant | 11. Past Participle            |
| 6. The Shepherd Boy Who Cried Wolf     | 12. Progress Test 11           |

**SECONDARY SPANISH  
UNIT 12**

**Assignment Titles**

- |                             |  |
|-----------------------------|--|
| 1. Little Red Riding Hood 2 | 6. The Most Beautiful Thing in the World |
| 2. Openers and Rejoinders 4 | 7. Cultural Overview: Venezuela          |
| 3. Needle Soup              | 8. Culture Test                          |
| 4. Compound Tenses          | 9. Progress Test 12                      |
| 5. Geometry Lesson 4        | 10.                                      |

## SPANISH I

### COURSE OVERVIEW

Spanish I is an entry level high school foreign language course that explores the Spanish language through communication, culture, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing, and cultural competency.

Upon completion of the course, students should be able to do the following:

- Use Spanish in everyday situations in a basic manner and in both oral and written communication.
- Use vocabulary necessary to function as a tourist in Spanish-speaking countries.
- Demonstrate a basic knowledge of the Spanish-speaking world.
- Listen to and understand basic passages in Spanish related to various themes.
- Read and understand basic passages in Spanish related to various themes.
- Compare and contrast cultural aspects of Hispanic countries and the United States.

Spanish I introduce students to the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

<b>SPANISH I</b>	
<b>UNIT 1: AMIGOS EN EL MUNDO</b>	
<b>Assignment Titles</b>	
1. Course Overview	1. Course Overview
2. A comenzar: Las primeras palabras	2. Let's Start: The First Words
3. ¿Dónde se habla español en el mundo?	3. Where in the World is Spanish Spoken?
4. El alfabeto	4. The Alphabet
5. Saludos y expresiones	5. Expressions for Greeting People
6. Cómo saludamos en los países de habla hispana	6. How to Greet Someone in a Spanish-Speaking Country
7. Prueba 1: El español en el mundo	7. Quiz 1: Spanish in the World
8. Prueba alterna - Versión A: El español en el mundo	8. Alternate Quiz - Form A: Spanish in the World
9. Prueba alterna - Versión B: El español en el mundo	9. Alternate Quiz - Form B: Spanish in the World
10. Los pronombres: Primera parte	10. Subject Pronouns: Part One
11. Los pronombres: Segunda parte	11. Subject Pronouns: Part Two
12. Los nombres y los artículos definidos	12. Nouns and Definite Articles
13. Los colores: Una introducción a los adjetivos	13. Colors: An Introduction to Adjectives
14. Practiquemos más adjetivos	14. Let's Practice More Adjectives
15. Prueba 2: Pronombres y géneros	15. Quiz 2: Pronouns and Gender
16. Prueba alterna - Versión A: Pronombres y géneros	16. Alternate Quiz - Form A: Pronouns and Gender
17. Prueba alterna - Versión B: Pronombres y géneros	17. Alternate Quiz - Form B: Pronouns and Gender
18. En clase	18. In the Classroom
19. Los verbos	19. Verbs
20. Más verbos	20. More Verbs
21. Prueba 3: El presente	21. Quiz 3: Present Tense
22. Prueba alterna - Versión A: El presente	22. Alternate Quiz - Form A: Present Tense
23. Prueba alterna - Versión B: El presente	23. Alternate Quiz - Form B: Present Tense
24. Proyecto: ¡Vamos a viajar!	24. Project: Let's Travel!
25. Proyecto Especial	25. Special Project
26. Repaso	26. Review
27. Examen	27. Exam
28. Examen alterno - Versión A	28. Alternate Exam - Form A
29. Examen alterno - Versión B	29. Alternate Exam - Form B
30. Glosario y créditos	30. Glossary and Credits

**SPANISH I  
UNIT 2: AMIGOS EN EE.UU.**

**Assignment Titles**

1. Las oportunidades de usar el español	1. Opportunities to Use Spanish
2. Lo que no hacemos	2. What we don't do
3. Los números parte 1	3. Numbers part 1
4. Los números parte 2	4. Numbers part 2
5. ¿Qué día es hoy?	5. What Day is Today?
6. ¿Qué hora es?	6. What Time is it?
7. Más sobre la hora	7. More about Time
8. Prueba 1: El horario del viaje	8. Quiz 1: The Schedule of the Trip
9. Prueba alterna - Versión A: El horario del viaje	9. Alternate Quiz - Form A: The Schedule of the Trip
10. Prueba alterna - Versión B: El horario del viaje	10. Alternate Quiz - Form B: The Schedule of the Trip
11. ¿Formal o no?	11. Formal or Not?
12. ¿Cómo es?	12. What is he or she like?
13. Segunda conjugación	13. Second Conjugation
14. Tercera conjugación	14. Third Conjugation
15. Estructura y partes de la oración	15. Structure and Parts of the Sentence
16. Cómo empezar una conversación. Las presentaciones	16. How to Begin a Conversation: Introductions
17. Prueba 2: Presentaciones: Conozcamos gente	17. Quiz 2: Introductions: Let's Get to Know People
18. Prueba alterna - Versión A: Presentaciones: Conozcamos gente	18. Alternate Quiz - Form A: Introductions: Let's Get to Know People
19. Prueba alterna - Versión B: Presentaciones: Conozcamos gente	19. Alternate Quiz - Form B: Introductions: Let's Get to Know People
20. Proyecto: ¿Cómo es mi familia?	20. Project: What Is My Family Like?
21. Proyecto Especial	21. Special Project
22. Repaso	22. Review
23. Examen	23. Exam
24. Examen alterno - Versión A	24. Alternate Exam – Form A
25. Examen alterno - Versión B	25. Alternate Exam – Form B
26. Glosario y créditos	26. Glossary and Credits

**SPANISH I  
UNIT 3: AMIGOS EN MÉXICO**

**Assignment Titles**

1. ¡Ay Chihuahua! ¡Hay tantas culturas en México!	1. Wow! There are so many cultures in Mexico!
2. ¿En qué se diferencia mi vida de la vida en México?	2. How Is My Life Different Than Life In Mexico?
3. ¡Vamos a la playa!	3. Let's Go To The Beach!
4. La tierra del jarabe tapatío	4. The Land of the Mexican Hat Dance
5. La historia de México: Un vistazo a su gente a través del arte	5. The History of Mexico: A Look at the People Through Art
6. Una historia de amor: A practicar los verbos en México D.F.	6. A Love Story: Practicing Verbs In Mexico City
7. Prueba 1: La tierra de los Aztecas	7. Quiz 1: The Land of the Aztecs
8. Prueba alterna - Versión A: La tierra de los Aztecas	8. Alternate Quiz - Form A: The Land of the Aztecs
9. Prueba alterna - Versión B: La tierra de los Aztecas	9. Alternate Quiz - Form B: The Land of the Aztecs
10. La cultura en el mercado: Una visita a Veracruz	10. Culture in the Market: A Visit to Veracruz
11. La quinceañera: Una invitación especial	11. The Sweet Fifteen Party: An Invitation
12. ¡Vamos a la corrida!: Una estancia en Campeche	12. Let's go to the Bullfight: A Stay in Campeche
13. El mundo maya	13. The Mayan World
14. ¡Qué viva México! ¡Viva la independencia!	14. Long Live Mexico and its Independence!
15. ¡Qué padre es México! Una carta a la familia	15. Mexico is so cool! A Letter to the Family
16. Prueba 2: La tierra de los Mayas	16. Quiz 2: The Land of the Mayas
17. Prueba alterna - Versión A: La tierra de los Mayas	17. Alternate Quiz - Form A: The Land of the Mayas
18. Prueba alterna - Versión B: La tierra de los Mayas	18. Alternate Quiz - Form B: The Land of the Mayas
19. Proyecto: Mi amigo mexicano	19. Project: My Mexican friend
20. Proyecto Especial	20. Special Project
21. Repaso	21. Review
22. Examen	22. Exam
23. Examen alterno - Versión A	23. Alternate Exam – Form A
24. Examen alterno - Versión B	24. Alternate Exam – Form B
25. Glosario y créditos	25. Glossary and Credits



**SPANISH II**  
**UNIT 4: AMIGOS EN ARGENTINA**

**Assignment Titles**

1. Charlie y Sophie llegan a Buenos Aires	1. Charlie and Sophie Arrive in Buenos Aires
2. Una visita familiar: ¡Vamos a tomar el té!	2. A Family Visit: Let's Have Tea!
3. Una súper naturaleza: Una de las cataratas más grandes de América	3. Super Nature: One of the Largest Waterfalls in the Americas
4. Bosques de Palermo: Un día en el parque	4. Bosques de Palermo: A Day at the Park
5. Mar del Plata: ¡Vamos a pasarla re-bien en la playa!	5. Mar del Plata: We'll have a Great Time at the Beach!
6. ¡Vamos a bailar!	6. Let's Dance!
7. Prueba 1: La vida argentina	7. Quiz 1: Argentinean Life
8. Prueba alterna - Versión A: La vida argentina	8. Alternate Quiz - Form A: Argentinean Life
9. Prueba alterna - Versión B: La vida argentina	9. Alternate Quiz - Form B: Argentinean Life
10. El valle de Lerma: una rica historia	10. The Valley of Lerma: A Rich History
11. El Camino Inca	11. The Inca Trail
12. La vida en las pampas de Argentina	12. Life in the Argentinean Pampas
13. ¡A disfrutar el aire libre!: Un viaje por el oeste	13. Let's Enjoy the Outdoors: A Trip West
14. ¡Qué frío hace en Santa Cruz!	14. It's So Cold In Santa Cruz!
15. Una reunión familiar fantástica: Vamos a la Tierra del Fuego	15. A Fantastic Family Reunion: Let's Go to the Tierra del Fuego
16. Prueba 2: A viajar por Argentina	16. Quiz 2: Let's Travel in Argentina
17. Prueba alterna - Versión A: A viajar por Argentina	17. Alternate Quiz Form - A: Let's Travel in Argentina
18. Prueba alterna - Versión B: A viajar por Argentina	18. Alternate Quiz Form - B: Let's Travel in Argentina
19. Proyecto: Mi familia	19. Project: My Family
20. Proyecto Especial	20. Special Project
21. Repaso	21. Review
22. Examen	22. Exam
23. Examen alterno - Versión A	23. Alternate Exam – Form A
24. Examen alterno - Versión B	24. Alternate Exam – Form B
25. Glosario y créditos	25. Glossary and Credits

**SPANISH I**  
**UNIT 5: AMIGOS EN HONDURAS Y EL SALVADOR**

**Assignment Titles**

1. Sophie y Charlie llegan a Honduras	1. Sophie and Charlie Arrive in Honduras
2. Un árbol muy útil: La Ceiba	2. A Very Useful Tree: The Ceiba
3. ¡Hace frío y llueve, pero no nieva!	3. It's Cold and It Rains, But It Doesn't Snow!
4. El mundo maya en Honduras	4. The Mayan World in Honduras
5. ¿Qué podemos comprar en Honduras?	5. What Can We Buy In Honduras?
6. Proyecto: Un pronóstico meteorológico	6. Project: A Weather Forecast
7. ¿Cuándo?, no entiendo.	7. When? I Don't Understand.
8. Proyecto: A cocinar ticucos	8. Project: Let's Make Ticucos
9. Prueba 1: Amigos en Honduras	9. Quiz 1: Friends in Honduras
10. Prueba alterna - Versión A: Amigos en Honduras	10. Alternate Quiz - Form A: Friends in Honduras
11. Prueba alterna - Versión B: Amigos en Honduras	11. Alternate Quiz - Form B: Friends in Honduras
12. Charlie y Sophie llegan a El Salvador	12. Charlie and Sophie Arrive in El Salvador
13. El clima de El Salvador	13. The Climate of El Salvador
14. Proyecto: Un mapa del tiempo	14. Project: A Weather Map
15. ¿Es Carlos sensible?	15. Is Charlie Sensitive?
16. Trabajamos todos: el café salvadoreño	16. Everybody Works: Salvadoran Coffee
17. Las artesanías, ¡qué buen trabajo!	17. Arts and Crafts, What a Great Job!
18. Proyecto: ¡A cocinar un platillo salvadoreño!	18. Project: Let's Make Salvadoran Food!
19. ¿Qué están haciendo?	19. What Are They Doing?
20. ¡No se puede decir que lo que es saludable no es delicioso!	20. It Cannot Be Said That Healthy Isn't Delicious!
21. Prueba 2: Amigos en El Salvador	21. Quiz 2: Friends in El Salvador
22. Prueba alterna - Versión A: Amigos en El Salvador	22. Alternate Quiz - Form A: Friends in El Salvador
23. Prueba alterna - Versión B: Amigos en El Salvador	23. Alternate Quiz - Form B: Friends in El Salvador
24. Proyecto: Un viaje inolvidable	24. Project: An Unforgettable Trip
25. Proyecto Especial	25. Special Project
26. Repaso	26. Review
27. Examen	27. Exam
28. Examen alterno - Versión A	28. Alternate Exam – Form A
29. Examen alterno - Versión B	29. Alternate Exam – Form B
30. Glosario y créditos	30. Glossary and Credits

**SPANISH I**  
**UNIT 6: REPASO Y EXAMEN SEMESTRAL**

**Assignment Titles**

- |                               |                            |
|-------------------------------|----------------------------|
| 1. Repaso                     | 1. Review                  |
| 2. Examen                     | 2. Exam                    |
| 3. Examen alterno - Versión A | 3. Alternate Exam – Form A |
| 4. Examen alterno - Versión B | 4. Alternate Exam – Form B |

**SPANISH I**  
**UNIT 7: AMIGOS EN PUERTO RICO**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Sophie y Charlie llegan a la capital de Puerto Rico: San Juan | 1. Sophie and Charlie Arrive at the Capital of Puerto Rico: San Juan |
| 2. ¡Buen provecho! de Guavate!                                   | 2. Bon Appétit from Guavate!   |
| 3. Proyecto: ¡Vamos a freír los plátanos amarillos!              | 3. Project: Let's Fry Some Yellow Plantains!                         |
| 4. ¡A la orden! Un día de compras en la plaza Las Américas.      | 4. At Your Service! A Day of Shopping at Plaza Las Americas.         |
| 5. Un clima tropical: El Yunque                                  | 5. Tropical Climate: El Yunque                                       |
| 6. Un festival en la plaza central de Toa Baja                   | 6. A Family Festival at the Town Square of Toa Baja                  |
| 7. El turismo en Piñones   | 7. Tourism at Piñones  |
| 8. Prueba 1: San Juan y sus alrededores                          | 8. Quiz 1: San Juan and the Metropolitan Area                        |
| 9. Prueba alterna - Versión A: San Juan y sus alrededores        | 9. Alternate Quiz - Form A: San Juan and the Metropolitan Area       |
| 10. Prueba alterna - Versión B: San Juan y sus alrededores       | 10. Alternate Quiz - Form B: San Juan and the Metropolitan Area      |
| 11. El festival nacional indígena de Jayuya                      | 11. The National Indigenous Festival of Jayuya                       |
| 12. El paisaje de la playa por la costa de la isla               | 12. The Scenery of the Beach along the Coast of the Island           |
| 13. La vida ponceña  | 13. Life in Ponce  |
| 14. A parrandear por la isla                                     | 14. Let's Celebrate Christmas on the Island                          |
| 15. Proyecto: Hagámos conjuntos: Comparemos las casas            | 15. Project: A Venn Diagram: Let's Compare Houses                    |
| 16. El territorio de Karst: un paraíso con cavernas              | 16. The Karst Territory: A Cave Paradise                             |
| 17. ¡Vamos a Vieques a acampar!                                  | 17. Let's go Camping in Vieques!                                     |
| 18. Prueba 2: La vida en la isla                                 | 18. Quiz 2: Life on the Island                                       |
| 19. Prueba alterna - Versión A: La vida en la isla               | 19. Alternate Quiz - Form Life on the Island                         |
| 20. Prueba alterna - Versión B: La vida en la isla               | 20. Alternate Quiz - Form B: Life on the Island                      |
| 21. Proyecto: ¡Hagamos un modelo de la casa perfecta!            | 21. Project: Let's Build a Model of Our Dream House!                 |
| 22. Proyecto Especial  | 22. Special Project  |
| 23. Repaso   | 23. Review   |
| 24. Examen   | 24. Exam   |
| 25. Examen alterno - Versión A                                   | 25. Alternate Exam – Form A  |
| 26. Examen alterno - Versión B                                   | 26. Alternate Exam – Form B  |
| 27. Glosario y créditos  | 27. Glossary and Credits   |

**SPANISH I**  
**UNIT 8: AMIGOS EN ESPAÑA**

**Assignment Titles**

1. Carlos y Sofía llegan a Madrid, la capital de España	1. Charlie and Sophie Arrive in Madrid, the Capital of Spain
2. Proyecto: España y mi país	2. Project: Spain and My Country
3. ¡Otro día en Madrid!	3. Another Day in Madrid!
4. Un día en la universidad de Salamanca	4. A Day at the University of Salamanca
5. Carlos y Sofía llegan a Pamplona	5. Charlie and Sophie Arrive in Pamplona
6. La cultura catalana de España	6. Catalanian Culture in Spain
7. Prueba 1: Los gustos	7. Quiz 1: Likes and Dislikes
8. Prueba alterna - Versión A: Los gustos	8. Alternate Quiz - Form A: Likes and Dislikes
9. Prueba alterna - Versión B: Los gustos	9. Alternate Quiz - Form B: Likes and Dislikes
10. La cultura gallega en España	10. Galician Culture In Spain
11. Proyecto: Las comidas que me gustan	11. Project: The Foods That I Like
12. Un vistazo a España central	12. A View of Central Spain
13. El paisaje de los moros en Andalucía	13. The Scenery of the Moors in Andalusia
14. Escapemos a un paraíso en el Mediterráneo	14. Let's Escape To A Paradise In the Mediterranean
15. Prueba 2: Lo que haría	15. Quiz 2: What I Would Do
16. Prueba alterna - Versión A: Lo que haría	16. Alternate Quiz - Form A: What I Would Do
17. Prueba alterna - Versión B: Lo que haría	17. Alternate Quiz - Form B: What I Would Do
18. Proyecto: Mi restaurante	18. Project: My Restaurant
19. Proyecto Especial	19. Special Project
20. Repaso	20. Review
21. Examen	21. Exam
22. Examen alterno - Versión A	22. Alternate Exam – Form A
23. Examen alterno - Versión B	23. Alternate Exam – Form B
24. Glosario y créditos	24. Glossary and Credits

**SPANISH I**  
**UNIT 9: AMIGOS EN CUBA**

**Assignment Titles**

1. Carlos y Sofía llegan a La Habana	1. Charlie and Sophie Arrive in Havana
2. ¡A comer en Cuba!	2. Let's Eat in Cuba!
3. Unas aventuras cubanas	3. Some Cuban Adventures
4. Proyecto: Una muñeca de papel	4. Project: A Paper Doll
5. Prueba 1: A conocer la vida cubana	5. Quiz 1: Let's Get to Know Cuban Life
6. Prueba alterna - Versión A: A conocer la vida cubana	6. Alternate Quiz - Form A: Let's Get to Know Cuban Life
7. Prueba alterna - Versión B: A conocer la vida cubana	7. Alternate Quiz - Form B: Let's Get to Know Cuban Life
8. ¡Me duele la cabeza!	8. My Head Hurts!
9. El ritmo de África y la melodía de Europa	9. The Rhythm of Africa and the Melody of Europe
10. Proyecto: Mi raro amigo	10. Project: My Strange Friend
11. Otra isla cubana	11. Another Cuban Island
12. Prueba 2: A viajar por Cuba	12. Quiz 2: Let's Travel Through Cuba
13. Prueba alterna - Versión A: A viajar por Cuba	13. Alternate Quiz - Form A: Let's Travel Through Cuba
14. Prueba alterna - Versión B: A viajar por Cuba	14. Alternate Quiz - Form B: Let's Travel Through Cuba
15. Proyecto: Mi Álbum de recuerdos	15. Project: My Memory Album
16. Proyecto Especial	16. Special Project
17. Repaso	17. Review
18. Examen	18. Exam
19. Examen alterno - Versión A	19. Alternate Exam – Form A
20. Examen alterno - Versión B	20. Alternate Exam – Form B
21. Glosario y créditos	21. Glossary and Credits

**SPANISH I**  
**UNIT 10: AMIGOS EN LA REPÚBLICA DOMINICANA**

**Assignment Titles**

1. Carlos y Sofía llegan a Santo Domingo	1. Charlie and Sophie Arrive in Santo Domingo
2. Una aventura en Puerto Plata	2. An Adventure in Puerto Plata
3. Proyecto: ¡A conversar!	3. Project: Let's Have a Conversation!
4. Carlos y Sofía suben una montaña	4. Charlie and Sophie Climb a Mountain
5. Prueba 1: A prepararse para la aventura	5. Quiz 1: Getting Ready for the Adventure
6. Prueba alterna - Versión A: A prepararse para la aventura	6. Alternate Quiz - Form A: Getting Ready for the Adventure
7. Prueba alterna - Versión B: A prepararse para la aventura	7. Alternate Quiz - Form B: Getting Ready for the Adventure
8. Sofía descubre larimar en Santiago	8. Sophie Discovers Larimar in Santiago
9. Carlos y Sofía conocen las ballenas de la República Dominicana	9. Charlie and Sophie Meet the Whales of the Dominican Republic
10. Carlos y Sofía están trabajando cuando llega un desastre	10. Charlie and Sophie Are Working When a Disaster Arrives
11. Proyecto: ¡A cocinar arroz con leche!	11. Project: Let's Make Rice Pudding!
12. Prueba 2: ¡En busca de buenos precios!	12. Quiz 2: In Search of Good Prices!
13. Prueba alterna - Versión A: ¡En busca de buenos precios!	13. Alternate Quiz Form A: In Search of Good Prices!
14. Prueba alterna - Versión B: ¡En busca de buenos precios!	14. Alternate Quiz Form B: In Search of Good Prices!
15. Proyecto: Mi álbum de recuerdos	15. Project: My Memory Album
16. Proyecto Especial	16. Special Project
17. Repaso	17. Review
18. Examen	18. Exam
19. Examen alterno - Versión A	19. Alternate Exam – Form A
20. Examen alterno - Versión B	20. Alternate Exam – Form B
21. Glosario y créditos	21. Glossary and Credits

**SPANISH I**  
**UNIT 11: AMIGOS EN PANAMÁ**

**Assignment Titles**

1. Carlos y Sofía llegan a la capital de Panamá	1. Charlie and Sophie Arrive In the Capital of Panama
2. Carlos y Sofía piden direcciones	2. Charlie and Sophie Ask for Directions
3. Proyecto: A explorar la ciudad	3. Project: Let's Explore the City
4. Prueba 1: A conocer la capital de Panamá	4. Quiz 1: Let's Get To Know the Capital of Panama
5. Prueba alterna - Versión A: A conocer la capital de Panamá	5. Alternate Quiz - Form A: Let's Get To Know the Capital of Panama
6. Prueba alterna - Versión B: A conocer la capital de Panamá	6. Alternate Quiz - Form B: Let's Get To Know the Capital of Panama
7. Carlos y Sofía viajan por El Canal de Panamá	7. Charlie and Sophie Travel the Panama Canal
8. Carlos y Sofía recuerdan sus viajes	8. Charlie and Sophie Remember their Travels
9. Carlos y Sofía recuerdan las aventuras de todo el año	9. Charlie and Sophie Remember their Adventures throughout the Year
10. Proyecto: La presentación de diapositivas de mis recuerdos inolvidables	10. Project: My Slide Show of Unforgettable Memories
11. Prueba 2: A viajar por Panamá	11. Quiz 2: Let's Travel Panama
12. Prueba alterna - Versión A: A viajar por Panamá	12. Alternate Quiz - Form A: Let's Travel Panama
13. Prueba alterna - Versión B: A viajar por Panamá	13. Alternate Quiz - Form B: Let's Travel Panama
14. Proyecto Especial	14. Special Project
15. Repaso	15. Review
16. Examen	16. Exam
17. Examen alterno - Versión A	17. Alternate Exam – Form A
18. Examen alterno - Versión B	18. Alternate Exam – Form B
19. Glosario y créditos	19. Glossary and Credits

**SPANISH I**  
**UNIT 12: REPASO Y EXAMEN SEMESTRAL**

**Assignment Titles**

1. Repaso	1. Review
2. Examen	2. Exam
3. Examen alterno - Versión A	3. Alternate Exam – Form A
4. Examen alterno - Versión B	4. Alternate Exam – Form B

## SPANISH II

## COURSE OVERVIEW

Spanish II is a high school foreign language course that builds upon skills and concepts taught in *Spanish I*, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing, and cultural competency.

Upon completion of the course, students should be able to do the following:

- Use Spanish in everyday situations in both oral and written communication.
- Use vocabulary necessary to live in a Spanish-speaking country.
- Demonstrate an understanding of Hispanic countries.
- Listen to and understand passages in Spanish related to various themes.
- Read and understand passages in Spanish related to themes.
- Compare and contrast cultural aspects of Hispanic countries and the United States.

This course gives students practice using the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

SPANISH II UNIT 1: AMIGOS EN EL MUNDO	
Assignment Titles	
1. Course Overview	1. Course Overview
2. Introducción al mundo hispanohablante	2. Introduction to the Spanish-Speaking World
3. El español en los EE.UU.	3. Spanish in the U.S.
4. ¿Por qué hablamos tanto el español?	4. Why Do We Speak Spanish So Much?
5. Del viejo mundo al nuevo mundo	5. From the Old World to the New World
6. Prueba 1: Me gusta el español	6. Quiz 1: I Like Spanish
7. Prueba alterna - Versión A: Me gusta el español	7. Alternate Quiz - Form A: I Like Spanish
8. Prueba alterna - Versión B: Me gusta el español	8. Alternate Quiz - Form B: I Like Spanish
9. Del nuevo mundo al viejo mundo	9. From the New World to the Old World
10. ¿Qué haces todos los días?	10. What Do You Do Every Day?
11. Prueba 2: La rutina diaria	11. Quiz 2: Daily Routine
12. Prueba alterna - Versión A: La rutina diaria	12. Alternate Quiz - Form A: Daily Routine
13. Prueba alterna - Versión B: La rutina diaria	13. Alternate Quiz - Form B: Daily Routine
14. ¡Cosas que hacer y lugares adónde viajar!	14. Things to Do and Places to Go!
15. ¡Ágape!	15. Potluck
16. Ser o no ser	16. To Be or Not to Be
17. Una despedida cariñosa	17. A Fond Farewell
18. ¿Cómo es tu rutina diaria?	18. Project: How Is Your Daily Routine?
19. Prueba 3: En casa y de paseo	19. Quiz 2: At Home and Out and About
20. Prueba alterna - Versión A: En casa y de paseo	20. Alternate Quiz - Form A: At Home and Out and About
21. Prueba alterna - Versión B: En casa y de paseo	21. Alternate Quiz - Form B: At Home and Out and About
22. Proyecto especial	22. Special Project
23. Repaso	23. Review
24. Examen	24. Exam
25. Examen alterno - Versión A	25. Alternate Exam – Form A
26. Examen alterno - Versión B	26. Alternate Exam – Form B
27. Glosario y créditos	27. Glossary and Credits

**SPANISH II**  
**UNIT 2: AMIGOS EN CHILE**

**Assignment Titles**

1. El programa de intercambio 'Vive y aprende'	1. The 'Live and Learn' Exchange Program
2. Una lección de geografía	2. A Geography Lesson
3. Una excursión educativa	3. An Educational Field Trip
4. Prueba 1: Me gusta estudiar en Chile	4. Quiz 1: I Like Studying in Chile
5. Prueba alterna - Versión A: Me gusta estudiar en Chile	5. Alternate Quiz - Form A: I Like Studying in Chile
6. Prueba alterna - Versión B: Me gusta estudiar en Chile	6. Alternate Quiz - Form B: I Like Studying in Chile
7. El primer día de clases	7. The First Day of Classes
8. La clase de deportes	8. P.E. Class
9. La clase de literatura	9. Literature Class
10. Prueba 2: Personajes chilenos	10. Quiz 2: Chilean Personalities
11. Prueba alterna - Versión A: Personajes chilenos	11. Alternate Quiz - Form A: Chilean Personalities
12. Prueba alterna - Versión B: Personajes chilenos	12. Alternate Quiz - Form B: Chilean Personalities
13. ¡Aprender otro idioma es difícil!	13. Learning Another Language is Hard!
14. ¡Ser maestro es difícil!	14. Being a Teacher is Hard!
15. La naturaleza es una buena maestra	15. Nature Is a Good Teacher
16. Proyecto: La escuela ideal	16. Project: The Ideal School
17. Prueba 3: Chile: Fin del Cono Sur	17. Quiz 3: Chile: The South Pole's End
18. Prueba alterna - Versión A: Chile: Fin del Cono Sur	18. Alternate Quiz - Form A: Chile: The South Pole's End
19. Prueba alterna - Versión B: Chile: Fin del Cono Sur	19. Alternate Quiz - Form B: Chile: The South Pole's End
20. Proyecto especial	20. Special Project
21. Repaso	21. Review
22. Examen	22. Exam
23. Examen alterno - Versión A	23. Alternate Exam – Form A
24. Examen alterno - Versión B	24. Alternate Exam – Form B
25. Glosario y créditos	25. Glossary and Credits

**SPANISH II**  
**UNIT 3: AMIGOS EN VENEZUELA**

**Assignment Titles**

1. La tierra de gracia	1. Land of Grace
2. Caracas: El hogar de Simón Bolívar	2. Caracas: Home of Simon Bolivar
3. Una lección de geografía	3. A Geography Lesson
4. Prueba 1: Estamos en Venezuela	4. Quiz 1: We are in Venezuela
5. Prueba alterna - Versión A: Estamos en Venezuela	5. Alternate Quiz - Form A: We are in Venezuela
6. Prueba alterna - Versión B: Estamos en Venezuela	6. Alternate Quiz - Form B: We are in Venezuela
7. Los venezolanos: Un crisol de la raza humana	7. Venezuelans: A Melting Pot of Humanity
8. Buen porte y buenos modales abren puertas principales	8. Etiquette is the Key to Success
9. Venezuela: Valores y tradiciones	9. Venezuela: Values and Traditions
10. Prueba 2: La Feria Internacional de Artesanos de Venezuela	10. Quiz 2: The International Craft Fair in Venezuela
11. Prueba alterna - Versión A: La Feria Internacional de Artesanos de Venezuela	11. Alternate Quiz - Form A: The International Craft Fair in Venezuela
12. Prueba alterna - Versión B: La Feria Internacional de Artesanos de Venezuela	12. Alternate Quiz - Form B: The International Craft Fair in Venezuela
13. ¡Disfrutemos al aire libre en la isla Margarita!	13. Let's Enjoy the Outdoors on Margarita Island!
14. Proyecto especial de un folleto turístico	14. Project: A Tourist Pamphlet
15. La música y el baile	15. Music and Dance
16. La gastronomía venezolana	16. Venezuelan Cuisine
17. ¡A jugar béisbol!	17. Play Ball!
18. Prueba 3: Lo tuyo es mío y lo mío es tuyo	18. Quiz 3: What Is Yours Is Mine and What Is Mine Is Yours
19. Prueba alterna - Versión A: Lo tuyo es mío y lo mío es tuyo	19. Alternate Quiz - Form A: What Is Yours Is Mine and What Is Mine Is Yours
20. Prueba alterna - Versión B: Lo tuyo es mío y lo mío es tuyo	20. Alternate Quiz - Form B: What Is Yours Is Mine and What Is Mine Is Yours
21. Proyecto especial	21. Special Project
22. Repaso	22. Review
23. Examen	23. Exam
24. Examen alterno - Versión A	24. Alternate Exam – Form A
25. Examen alterno - Versión B	25. Alternate Exam – Form B
26. Glosario y créditos	26. Glossary and Credits

**SPANISH II**  
**UNIT 4: AMIGOS EN PERÚ**

**Assignment Titles**

1. Próximo destino: Perú	1. Next Stop: Peru
2. Me encanta el Perú	2. I Love Peru
3. Cusco: La capital antigua de los incas	3. Cusco: The Ancient Capital of the Incas
4. ¡Machu Picchu es una maravilla!	4. Macchu Picchu is a Wonder!
5. Prueba 1: Amo el Perú	5. Quiz 1: I Love Peru
6. Prueba alterna - Versión A: Amo el Perú	6. Alternate Quiz - Form A: I Love Peru
7. Prueba alterna - Versión B: Amo el Perú	7. Alternate Quiz - Form B: I Love Peru
8. Puno y Lago Titicaca	8. Puno and Lake Titicaca
9. El choque cultural	9. Culture Shock
10. Proyecto: La importancia del patrimonio cultural	10. Project: The Importance of Cultural Heritage
11. La selva amazónica y Puerto Maldonado	11. The Amazon Rainforest and Puerto Maldonado
12. Perdido en la traducción	12. Lost in the Translation
13. Prueba 2: Las zonas del Perú	13. Quiz 2: Peru's Areas
14. Prueba alterna - Versión A: Las zonas del Perú	14. Alternate Quiz - Form A: Peru's Areas
15. Prueba alterna - Versión B: Las zonas del Perú	15. Alternate Quiz - Form B: Peru's Areas
16. Proyecto especial	16. Special Project
17. Repaso	17. Review
18. Examen	18. Exam
19. Examen alterno - Versión A	19. Alternate Exam – Form A
20. Examen alterno - Versión B	20. Alternate Exam – Form B
21. Glosario y créditos	21. Glossary and Credit

**SPANISH II**  
**UNIT 5: AMIGOS EN COLOMBIA**

**Assignment Titles**

1. La arqueología: Una carrera ideal para Sofía	1. 1. Archeology: An Ideal Career for Sophie
2. Carlos: 'Yo quiero ser arquitecto'	2. 2. Charlie: "I Want to Be an Architect"
3. ¿Un trabajo o una carrera?	3. 3. A Job or a Career?
4. Las profesiones y los oficios	4. 4. Professions and Trades
5. Prueba 1: ¿Una carrera o un trabajo?	5. 5. Quiz 1: A Career or a Job?
6. Prueba alterna - Versión A: ¿Una carrera o un trabajo?	6. 6. Alternate Quiz - Form A: A Career or a Job?
7. Prueba alterna - Versión B: ¿Una carrera o un trabajo?	7. 7. Alternate Quiz - Form 7: A Career or a Job?
8. Un viaje a Cartagena	8. A Trip to Cartagena
9. La influencia española en Colombia	9. Spanish Influence in Colombia
10. Proyecto: La exploración de carreras	10. Project: Career Exploration
11. Prueba 2: Profesiones	11. Quiz 2: Professions
12. Prueba alterna - Versión A: Profesiones	12. Alternate Quiz - Form A: Professions
13. Prueba alterna - Versión B: Profesiones	13. Alternate Quiz - Form B: Professions
14. El mesero distraído	14. The Absent-minded Waiter
15. Carlos llena una solicitud de empleo	15. Charlie Fills Out a Job Application
16. Proyecto: Una tableau vivant o pintura viviente	16. Project: A Tableau Vivant or Living Picture
17. La entrevista de empleo	17. The Job Interview
18. Prueba 3: La feria de las flores	18. Quiz 3: The Flower Fair
19. Prueba alterna - Versión A: La feria de las flores	19. Alternate Quiz - Form A: The Flower Fair
20. Prueba alterna - Versión B: La feria de las flores	20. Alternate Quiz - Form B: The Flower Fair
21. Proyecto especial	21. Special Project
22. Repaso	22. Review
23. Examen	23. Exam
24. Examen alterno - Versión A	24. Alternate Exam – Form A
25. Examen alterno - Versión B	25. Alternate Exam – Form B
26. Glosario y créditos	26. Glossary and Credits

**SPANISH II**  
**UNIT 6: REPASO Y EXAMEN SEMESTRAL**

**Assignment Titles**

1. Repaso	1. Review
2. Examen	2. Exam
3. Examen alterno - Versión A	3. Alternate Exam – Form A
4. Examen alterno - Versión B	4. Alternate Exam – Form B



**SPANISH II**  
**UNIT 7: AMIGOS EN GUATEMALA**

**Assignment Titles**

1. Un viaje en camioneta	1. A truck ride
2. ¡A aplanar calles en Antigua!	2. Wandering the Streets of Antigua!
3. ¡Toqué una tortuga!	3. I touched a turtle!
4. Tantos murieron...	4. So many died ...
5. Prueba 1: ¡Guatemala es lo máximo!	5. Quiz 1: Guatemala Is the Best!
6. Prueba alterna - Versión A: ¡Guatemala es lo máximo!	6. Alternate Quiz - Form A: Guatemala Is the Best!
7. Prueba alterna - Versión B: ¡Guatemala es lo máximo!	7. Alternate Quiz - Form B: Guatemala Is the Best!
8. Un recorrido por Tikal	8. A Tour of Tikal
9. Un guardabosques hablador	9. A Talkative Ranger
10. Estuvimos en Chichicastenango	10. We were in Chichicastenango
11. Proyecto: Mi diario imaginario	11. Project: My Imaginary diary
12. Prueba 2: Tikal, Chichicastenango y el volcán Pacaya	12. Quiz 2: Tikal, Chichicastenango and the Pacaya Volcano
13. Prueba alterna - Versión A: Tikal, Chichicastenango y el volcán Pacaya	13. Alternate Quiz - Form A: Tikal, Chichicastenango and the Pacaya Volcano
14. Prueba alterna - Versión B: Tikal, Chichicastenango y el volcán Pacaya	14. Alternate Quiz - Form B: Tikal, Chichicastenango and the Pacaya Volcano
15. ¿Y eso se come?	15. And You Eat That?
16. Se dice que...	16. It Is Said That ...
17. Proyecto: Mi receta secreta	17. Project: My Secret Recipe
18. Prueba 3: ¡Hasta luego Guatemala!	18. Quiz 3: Bye, Guatemala!
19. Prueba alterna - Versión A: ¡Hasta luego Guatemala!	19. Alternate Quiz - Form A: Bye, Guatemala!
20. Prueba alterna - Versión B: ¡Hasta luego Guatemala!	20. Alternate Quiz - Form B: Bye, Guatemala!
21. Proyecto especial	21. Special Project
22. Repaso	22. Review
23. Examen	23. Exam
24. Examen alterno - Versión A	24. Alternate Exam – Form A
25. Examen alterno - Versión B	25. Alternate Exam – Form B
26. Glosario y créditos	26. Glossary and Credits

**SPANISH II**  
**UNIT 8: AMIGOS EN BOLIVIA Y ECUADOR**

**Assignment Titles**

1. Las dos ciudades capitales	1. The Two Capital Cities
2. Andábamos por Tiahuanacu y el lago Titicaca	2. We Were Walking Through Tiahuanacu and Lake Titicaca
3. ¿Querías sal para esa comida?	3. Did You Want Salt for that Meal?
4. Íbamos a Cochabamba cuando yo era niña...	4. We Would Go to Cochabamba When I Was Little
5. El camino inca	5. Inca Trail
6. Proyecto: Mi árbol de conversación	6. Project: My Conversation Tree
7. Prueba 1: De Capítulo Uno	7. Quiz 1: From Chapter One
8. Prueba alterna - Versión A: De Capítulo Uno	8. Alternate Quiz - Form A: From Chapter One
9. Prueba alterna - Versión B: De Capítulo Uno	9. Alternate Quiz - Form B: From Chapter One
10. ¿Conoces Guayaquil? ¿Qué sabes de ella?	10. Have You Been To Guayaquil? What Do You Know About It?
11. Conocimos mucho sobre Quito	11. We Learned a lot about Quito
12. ¡A conocer la región de la amazonía!	12. To Know the Region of the Amazon!
13. Las islas Galápagos	13. The Galapagos Islands
14. Proyecto: Una composición sobre mi niñez	14. Project: A Composition About My Childhood
15. Prueba 2: De Capítulo Dos	15. Quiz 2: From Chapter Two
16. Prueba alterna - Versión A: De Capítulo Dos	16. Alternate Quiz - Form A: From Chapter Two
17. Prueba alterna - Versión B: De Capítulo Dos	17. Alternate Quiz - Form B: From Chapter Two
18. Proyecto Especial	18. Special Project
19. Repaso	19. Review
20. Examen	20. Test
21. Examen alterno - Versión A	21. Alternate Test – Form A
22. Examen alterno - Versión B	22. Alternate Test – Form B
23. Glosario y créditos	23. Glossary and Credits

**SPANISH II**  
**UNIT 9: AMIGOS EN COSTA RICA**

**Assignment Titles**

1. ¡Pura vida! en San José Costa Rica.	1. Things Are Great In San José, Costa Rica!
2. ¡A hablar del pasado!	2. Let's talk about the past!
3. La hospitalidad de los ticos de Parismina	3. The Hospitality of the Costa Ricans of Parismina
4. La vida en la selva costarricense	4. Life in the Costa Rican jungle
5. Un sismo de 6,2º en la escala de Richter, ¡qué desastre!	5. An Earthquake Measuring 6.2 ° on the Richter Scale, What a Mess!
6. Una mina de oro para los turistas.	6. A Gold Mine for Tourists.
7. El turismo astronómico: ¡la vista de estrellas más hermosa del mundo!	7. Astronomy for Tourists: The Most Beautiful View of the Stars in the World!
8. Prueba 1: ¡Pura vida Costa Rica!	8. Quiz 1: Costa Rica, It's All Good!
9. Prueba alterna - Versión A: ¡Pura vida Costa Rica!	9. Alternate Quiz - Form A - Costa Rica, It's All Good!
10. Prueba alterna - Versión B: ¡Pura vida Costa Rica!	10. Alternate Quiz - Form B - Costa Rica, It's All Good!
11. La tecnología detrás de las industrias de Costa Rica	11. The Technology behind the Industries of Costa Rica
12. Carlos y Sofía visitan el Caribe en Costa Rica	12. Charlie and Sophie Visit the Caribbean in Costa Rica
13. Compañías multinacionales en Costa Rica	13. Multinational Companies in Costa Rica
14. El instituto de tecnología	14. The Institute of Technology
15. Una visita a la Amistad	15. A Visit to La Amistad
16. Proyecto: Un gran recuerdo	16. Project: A Great Memory
17. Prueba 2: Costa Rica en el pasado	17. Quiz 2 - Costa Rica in the Past
18. Prueba alterna - Versión A: Costa Rica en el pasado	18. Alternate Quiz - Form A - Costa Rica in the Past
19. Prueba alterna - Versión B: Costa Rica en el pasado	19. Alternate Quiz - Form B - Costa Rica in the Past
20. Proyecto especial	20. Special Project
21. Repaso	21. Review
22. Examen	22. Test
23. Examen alterno - Versión A	23. Alternate Test – Form A
24. Examen alterno - Versión B	24. Alternate Test – Form B
25. Glosario y créditos	25. Glossary and Credits

**SPANISH II**  
**UNIT 10: AMIGOS EN PARAGUAY Y URUGUAY**

**Assignment Titles**

1. Carlos y Sofía toman una clase de historia	1. Charlie and Sophie Take a History Class
2. Carlos y Sofía juegan a buscar	2. Charlie and Sophie Go on a Scavenger Hunt
3. Guten tag de Filadelfia, en Paraguay	3. "Guten Tag" from Philadelphia in Paraguay
4. Bienvenidos al oriente de Paraguay	4. Welcome to Eastern Paraguay
5. Proyecto: Cómo hacer lo que hago yo	5. Project: How to Do what I Do
6. Prueba 1: Amigos en Paraguay	6. Quiz 1 – Friends in Paraguay
7. Prueba alterna - Versión A: Amigos en Paraguay	7. Alternate Quiz - Form A - Friends in Paraguay
8. Prueba alterna - Versión B: Amigos en Paraguay	8. Alternate Quiz - Form B - Friends in Paraguay
9. Carlos y Sofía llegan a Montevideo	9. Charlie and Sophie Arrive at Montevideo
10. Los pueblos del río Uruguay	10. The River Towns of Uruguay
11. Carlos y Sofía exploran la frontera	11. Charlie and Sophie Explore the Border
12. Carlos y Sofía conocen a un gaucho	12. Charlie and Sophie Meet a Gaucho
13. Prueba 2: Amigos en Uruguay	13. Quiz 2 - Friends in Uruguay
14. Prueba alterna - Versión A: Amigos en Uruguay	14. Alternate Quiz - Form A - Friends in Uruguay
15. Prueba alterna - Versión B: Amigos en Uruguay	15. Alternate Quiz - Form B - Friends in Uruguay
16. Proyecto especial	16. Special Project
17. Repaso	17. Review
18. Examen	18. Test
19. Examen alterno - Versión A	19. Alternate Test – Form A
20. Examen alterno - Versión B	20. Alternate Test – Form B
21. Glosario y créditos	21. Glossary and Credits

**SPANISH II**  
**UNIT 11: AMIGOS EN NICARAGUA**

**Assignment Titles**

1. ¡Conozcamos al doctor!	1. Let's Meet the Doctor!
2. El agua de Nicaragua, ¡ojalá que mejore!	2. The Water of Nicaragua, Hopefully It Improves!
3. Proyecto: La falta de agua potable en Nicaragua y algunos problemas de salud	3. Project: The Lack of Drinkable Water in Nicaragua and Some Health Problems
4. ¡Me duele la cabeza!	4. My Head Hurts!
5. Prueba 1: ¡No me siento bien!	5. Quiz 1: I Don't Feel Well
6. Prueba alterna - Versión A: ¡No me siento bien!	6. Alternate Quiz - Form A : I Don't Feel Well
7. Prueba alterna - Versión B: ¡No me siento bien!	7. Alternate Quiz - Form B : I Don't Feel Well
8. Carlos y Sofía se preparan para despedirse de Latino América	8. Charlie and Sophie Get Ready to Say Goodbye to Latin America
9. Mamá y papá, ¡quiero que me compren un carro!	9. Mom and Dad, I Want You to Buy Me a Car!
10. Proyecto: ¡Que te mantengas sano!	10. Project: May You Stay Healthy
11. Amigos en Latino América	11. Friends in Latin America
12. Proyecto: Mis consejos a los demás	12. Project: My Advice to Others
13. Prueba 2: ¡Quiero que viajes bien y que comas comida buena!	13. Quiz 2: I Hope That Your Travels Go Well and That You Eat Good Food!
14. Prueba alterna - Versión A: ¡Quiero que viajes bien y que comas comida buena!	14. Alternate Quiz - Form A: I Hope That Your Travels Go Well and That You Eat Good Food!
15. Prueba alterna - Versión B: ¡Quiero que viajes bien y que comas comida buena!	15. Alternate Quiz - Form B: I Hope That Your Travels Go Well and That You Eat Good Food!
16. Proyecto especial	16. Special Project
17. Repaso	17. Review
18. Examen	18. Test
19. Examen alterno - Versión A	19. Alternate Test – Form A
20. Examen alterno - Versión B	20. Alternate Test – Form B
21. Glosario y créditos	21. Glossary and Credits

**SPANISH II**  
**UNIT 12: REPASO Y EXAMEN SEMESTRAL**

**Assignment Titles**

1. Repaso	1. Review
2. Examen	2. Exam
3. Examen alterno - Versión A	3. Alternate Exam – Form A
4. Examen alterno - Versión B	4. Alternate Exam – Form B

## SPEECH: ESSENTIALS OF COMMUNICATION

### COURSE OVERVIEW

Essentials of Communication: A Guide to Interacting Effectively in Today's World™ is a five-unit elective course for high school students. The materials cover fundamentals of the communication process important for successful interaction in a variety of social and professional settings. Students can use the course to gain and apply knowledge about communication theories, characteristics of language and language use, interpersonal relationships, group dynamics, and public speaking in order to interact more effectively with others.

The course seeks to help students expand their knowledge and skills as communicators so that they may achieve the following goals:

- Know and understand aspects of communication theories and processes appropriate to both social and professional settings.
- Use interpersonal communication strategies appropriately in social and professional settings.
- Effectively communicate in social and professional group settings.
- Plan, prepare, deliver, and evaluate formal and informal personal and professional presentations.

In attaining these goals, students will be better equipped to use communication to hone other life skills, including exchanging information, fulfilling social obligations, developing relationships, and understanding and meeting the needs of others.

<b>SPEECH: ESSENTIALS OF COMMUNICATION</b>	
<b>UNIT 1: COMMUNICATION FOUNDATIONS</b>	
<b>Assignment Titles</b>	
1. Course Overview	15. Perception and Communication Competence
2. Introduction to Communication	16. Project: Perception Checking
3. Types of Communication	17. Quiz 2: Perception and Communication
4. Project: Communication Log	18. Self and Communication
5. The Importance of Communication	19. Project: Looking Inward
6. Project: Reflection	20. Self-Concept and Competent Communication
7. Becoming a Competent Communicator	21. Project: Changing Your Self-Concept
8. Project: Evaluating Communication Competence	22. Self-Disclosure
9. Project: Ethical Principles of Communication	23. Quiz 3: Self and Communication
10. Quiz 1: Discovering the Foundations of Effective Communication	24. Special Project
11. Introduction to Perception	25. Review
12. Project: Three Stages of Perception	26. Test
13. Influences on Perception	27. Alternate Test
14. Project: Overcoming Perception Influences	28. Glossary and Credits

<b>SPEECH: ESSENTIALS OF COMMUNICATION</b>	
<b>UNIT 2: LANGUAGE CHARACTERISTICS</b>	
<b>Assignment Titles</b>	
1. The Nature of Language	14. Quiz 2: Nonverbal Communication
2. Language in Social Settings	15. The Listening Process
3. Project: Recognizing In-Language	16. Listening Styles
4. The Functions of Language	17. Project: Using Listening Styles
5. Project: Using Responsible Language	18. Listening Barriers
6. Quiz 1: Language	19. Project: Listening Strategies
7. Nonverbal Communication	20. Quiz 3: Listening
8. Project: Recognizing Nonverbal Behavior	21. Special Project
9. The Functions of Nonverbal Communication	22. Review
10. Types of Nonverbal Communication	23. Test
11. Project: Ethics and Impressions	24. Alternate Test
12. Competent Nonverbal Communication	25. Glossary and Credits
13. Project: Observing Nonverbal Communication	

**SPEECH: ESSENTIALS OF COMMUNICATION  
UNIT 3: INTERPERSONAL RELATIONSHIPS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Types of Interpersonal Relationships                  | 14. Telephone Etiquette                               |
| 2. Relationship Stages                                   | 15. E-mail Etiquette                                  |
| 3. Project: Applying Knapp's Relational Model            | 16. Criticism   |
| 4. Fluctuations in Relationship Development              | 17. Project: Expressing Yourself Politely             |
| 5. Quiz 1: Interpersonal Relationships                   | 18. Quiz 3: Etiquette for Interpersonal Communication |
| 6. Conversation  | 19. Interviewing                                      |
| 7. Project: Are You a Good Conversationalist?            | 20. Preparing for an Interview                        |
| 8. Conversation Management                               | 21. Project: Preparing for a Job Interview            |
| 9. Project: Practicing Cues                              | 22. Quiz 4: Interviewing                              |
| 10. The Basics of Conversational Competence              | 23. Special Project                                   |
| 11. Quiz 2: Interpersonal Communication:<br>Conversation | 24. Review  |
| 12. Etiquette for Introductions                          | 25. Test  |
| 13. Project: Introductions                               | 26. Alternate Test                                    |
|  | 27. Glossary and Credits                              |

**SPEECH: ESSENTIALS OF COMMUNICATION  
UNIT 4: UNDERSTANDING GROUPS**

**Assignment Titles**

- |                                     |   |
|-------------------------------------|---|
| 1. The Small Group                  | 11. Project: Identifying Leadership Styles  |
| 2. Small Group Types and Formats    | 12. Leadership Functions                    |
| 3. Project: Brainstorming           | 13. Project: Evaluating Group Effectiveness |
| 4. Organizations                    | 14. Quiz 3: Group Leadership and Evaluation |
| 5. Quiz 1: Group Communication      | 15. Special Project                         |
| 6. Factors Affecting Group Dynamics | 16. Review                                  |
| 7. Individual Competence in Groups  | 17. Test                                    |
| 8. Problem Solving in Groups        | 18. Alternate Test                          |
| 9. Quiz 2: Group Dynamics           | 19. Glossary and Credits                    |
| 10. Leadership Styles               |   |

**SPEECH: ESSENTIALS OF COMMUNICATION  
UNIT 5: PRESENTING AND INTERPRETING PUBLIC MESSAGES**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Determining the Purpose and Choosing a Topic | 17. Preparing Your Notes and Cues                          |
| 2. Project: Defining Topic and Purpose          | 18. Project: Developing Speaking Notes                     |
| 3. Project: Developing a Thesis Statement       | 19. Quiz 3: Organizing Speeches                            |
| 4. Defining Your Audience                       | 20. Preparing to Deliver a Speech                          |
| 5. Project: Defining Your Audience              | 21. Project: Rehearsing Your Speech                        |
| 6. Project: Developing a Preliminary Outline    | 22. Dealing with Apprehension                              |
| 7. Quiz 1: Preparing Speeches                   | 23. Delivering Group Presentations and Evaluating Speeches |
| 8. Research                                     |  |
| 9. Project: Conducting Research                 | 24. Project: Delivering and Evaluating Your Speech         |
| 10. Supporting Materials                        | 25. Quiz 4: Delivering and Evaluating Speeches             |
| 11. Presenting the Topic Visually               | 26. Special Project  |
| 12. Project: Revising and Expanding the Outline | 27. Review   |
| 13. Quiz 2: Supporting Speeches                 | 28. Test   |
| 14. Selecting an Organizational Pattern         | 29. Alternate Test   |
| 15. Outlining a Speech                          | 30. Glossary and Credits                                   |
| 16. Project: Developing Your Outline            |  |

**SPEECH: ESSENTIALS OF COMMUNICATION  
UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |           |                   |
|-----------|-------------------|
| 1. Review | 3. Alternate Exam |
| 2. Exam   |                   |

## THE STORY OF THE CONSTITUTION

### COURSE OVERVIEW

The Story of the Constitution course explores the origins of the United States and the steps that led to the formation of its constitution. It covers the U.S. Constitution, in detail, focusing on the historical background of this primary legal document, providing a detailed analysis of the constitution and its amendments, and offering a broader evaluation of the constitution and its principles. This course is produced in partnership with Christian Liberty Press, who provided the basic content.

Upon completion of the course, students should be able to do the following:

- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand the role that religion played in America's fight for independence.
- Identify significant leaders and their accomplishments in the fight for American independence.
- Explain the development of America's new form of government.
- Understand the process involved in writing and ratifying the new constitution.
- Understand how the overall design and specific features of the constitution not only distribute power among different branches and levels of government, but also use a system of checks and balances in order to prevent the abuse of that power.
- Explain the unique roles and responsibilities of the three branches of government as established by the U.S. Constitution.
- Know the key issues of each constitutional amendment.
- Know the issues behind landmark U.S. Supreme Court decisions, such as *Brown v. Board of Education*, *Regents of the University of California v. Bakke*, *Reynolds v. Sims*, and *Miranda v. Arizona*.

Additionally, students will gain practice in report-writing, covering topics like early American law, the Articles of Confederation, and more.

THE STORY OF THE CONSTITUTION UNIT 1: THE COLONIES STRUGGLE FOR INDEPENDENCE	
Assignment Titles	
1. Course Overview	8. American Independence
2. Introduction	9. The Role of Religion
3. The Colonial Experience	10. Quiz 2
4. The Thirteen Colonies	11. Special Project
5. Report: Early American Law	12. Test
6. Quiz 1	13. Reference
7. The Struggle for American Independence	

THE STORY OF THE CONSTITUTION UNIT 2: A NEW NATION IS FORMED	
Assignment Titles	
1. A New Nation is Formed	8. Quiz 2
2. Weaknesses of the Confederation-Part I	9. An Historic Assembly
3. Weaknesses of the Confederation-Part II	10. Members of the Constitutional Convention
4. Report: The Articles of Confederation	11. Quiz 3
5. Quiz 1	12. Special Project
6. Change is Needed	13. Test
7. Efforts at Reform	14. Reference

**THE STORY OF THE CONSTITUTION**  
**UNIT 3: WRITING AND RATIFYING THE CONSTITUTION**

**Assignment Titles**

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| 1. Competing Plans of Government     | 8. The Ratification Struggle-Part II |
| 2. Necessary Compromises             | 9. The State Conventions             |
| 3. Important Details                 | 10. Quiz 2                           |
| 4. Finishing the Work                | 11. Special Project                  |
| 5. Quiz 1                            | 12. Test                             |
| 6. Report: Constitutional Convention | 13. Reference                        |
| 7. The Ratification Struggle-Part I  |                                      |

**THE STORY OF THE CONSTITUTION**  
**UNIT 4: PREAMBLE AND ARTICLE I**

**Assignment Titles**

- |                                    |                             |
|------------------------------------|-----------------------------|
| 1. Preamble and Article I Overview | 6. Article I, Sections 9-10 |
| 2. Article I, Sections 1-3         | 7. Quiz 2                   |
| 3. Article I, Sections 4-7         | 8. Special Project          |
| 4. Quiz 1                          | 9. Test                     |
| 5. Article I, Section 8            | 10. Reference               |

**THE STORY OF THE CONSTITUTION**  
**UNIT 5: ARTICLES II-VII**

**Assignment Titles**

- |                                |                    |
|--------------------------------|--------------------|
| 1. Article II, Section 1       | 6. Articles IV-VII |
| 2. Article II, Sections 2-4    | 7. Quiz 2          |
| 3. Quiz 1                      | 8. Special Project |
| 4. Article III                 | 9. Test            |
| 5. Report: The Judicial Branch | 10. Reference      |

**THE STORY OF THE CONSTITUTION**  
**UNIT 6: AMENDMENTS I-XV**

**Assignment Titles**

- |                      |                       |
|----------------------|-----------------------|
| 1. Amendments I-II   | 7. Amendments XIII-XV |
| 2. Amendments III-IV | 8. Quiz 2             |
| 3. Amendments V-VIII | 9. Special Project    |
| 4. Amendments IX-X   | 10. Test              |
| 5. Quiz 1            | 11. Reference         |
| 6. Amendments XI-XII |                       |

**THE STORY OF THE CONSTITUTION**  
**UNIT 7: TWENTIETH CENTURY AMENDMENTS**

**Assignment Titles**

- |                         |                    |
|-------------------------|--------------------|
| 1. Amendments XVI-XVIII | 6. Quiz 2          |
| 2. Amendments XIX-XXI   | 7. Special Project |
| 3. Quiz 1               | 8. Test            |
| 4. Amendments XXII-XXIV | 9. Reference       |
| 5. Amendments XXV-XXVII |                    |

**THE STORY OF THE CONSTITUTION**  
**UNIT 8: THE PRINCIPLES AND NATURE OF OUR CONSTITUTION**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Principles of the Constitution-Part I  | 10. Reference                                |
| 2. Principles of the Constitution-Part II | 11. Appendix A-1 Outline of the Constitution |
| 3. Quiz 1                                 | 12. Appendix A-2 Outline of the Amendments   |
| 4. The Nature of Our Constitution         | 13. Appendix B-1 Preamble and Article I      |
| 5. Changes to the Constitutional Order    | 14. Appendix B-2 Articles II-VII             |
| 6. The Future of the Constitution         | 15. Appendix B-3 Amendments                  |
| 7. Quiz 2                                 | 16. Appendix C Founding Fathers              |
| 8. Special Project                        | 17. Appendix D Materials for Further Study   |
| 9. Test                                   |  |

## TRIGONOMETRY

### COURSE OVERVIEW

Trigonometry is a five-unit elective course for high school students who have successfully completed Algebra I, Geometry, and Algebra II. The materials cover a development of trigonometry from right triangle trigonometry to oblique triangles and the polar plane. Throughout the course, students will develop trigonometric formulas and use them in real-world applications, evaluate trigonometric proofs using complex trigonometric identities and solving trigonometric equations with regard to the unit circle.

The course seeks to help students expand their knowledge and skills so that they may achieve the following goals:

- Use trigonometry as a tool for indirect measurement.
- Model natural phenomenon with trigonometric functions.
- Perform operations with complex numbers using trigonometry.
- Use trigonometric identities to evaluate trigonometric proofs and solve trigonometric equations with regard to the unit circle.
- Solve for unknown sides and angles of right and oblique triangles using right triangle trigonometry, law of sines and law of cosines.

In attaining these goals, students will begin to see the "big picture" of mathematics and understand how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

TRIGONOMETRY	
UNIT 1: RIGHT TRIANGLE TRIGONOMETRY	
Assignment Titles	
1. Course Overview	13. Quiz 3: The Reciprocal Functions and Identities
2. Lengths of Sides	14. Radian Measure
3. Angle Measures	15. Reference Angles
4. Indirect Measure	16. Velocity
5. Quiz 1: Solving a Right Triangle	17. Quiz 4: Radian Measure
6. Angles in the Coordinate Plane	18. Project: Parametric Equations
7. The Unit Circle	19. Special Project
8. Trigonometric Values of Special Angles	20. Review
9. Quiz 2: The Unit Circle and Special Angles	21. Test
10. Reciprocal Functions	22. Alternate Test
11. Points on the Terminal Side	23. Glossary and Credits
12. Pythagorean Identities	

TRIGONOMETRY	
UNIT 2: GRAPHING AND INVERSE FUNCTIONS	
Assignment Titles	
1. Graphing and Amplitude	10. Trigonometric Equations: Part II
2. Project: The Reciprocal Functions	11. Quiz 2: Inverse Trigonometric Functions
3. Period and Frequency	12. Project: Modeling with Periodic Functions
4. Vertical and Horizontal Translations	13. Special Project
5. Sinusoidal Functions	14. Review
6. Quiz 1: Graphing	15. Test
7. Inverse Functions	16. Alternate Test
8. Inverse Reciprocal Functions	17. Glossary and Credits
9. Trigonometric Equations: Part I	



**TRIGONOMETRY**  
**UNIT 3: ANALYTIC TRIGONOMETRY**

**Assignment Titles**

- |   |  |
|---|--|
| 1. The Fundamental Trigonometric Identities | 10. Converting Between Products and Sums |
| 2. Proving Identities                       | 11. Quiz 2: More Identities              |
| 3. Cosine Addition Formula                  | 12. Project: Adding Waves                |
| 4. Sine Addition Formula                    | 13. Special Project                      |
| 5. Tangent Addition Formula                 | 14. Review                               |
| 6. Quiz 1: Identities and Addition Formulas | 15. Test                                 |
| 7. Double-Angle Formulas                    | 16. Alternate Test                       |
| 8. Project: Solving Equations Graphically   | 17. Glossary and Credits                 |
| 9. Half-Angle Formulas                      |  |

**TRIGONOMETRY**  
**UNIT 4: TRIGONOMETRIC APPLICATIONS**

**Assignment Titles**

- |  |                           |
|--|---------------------------|
| 1. Law of Sines                              | 9. Navigation Application |
| 2. Ambiguity and Area of a Triangle          | 10. Vector Multiplication |
| 3. Law of Cosines: Finding a Side            | 11. Quiz 2: Vectors       |
| 4. Law of Cosines: Finding an Angle          | 12. Special Project       |
| 5. Project: Heron's Formula                  | 13. Review                |
| 6. Quiz 1: Trigonometry of Oblique Triangles | 14. Test                  |
| 7. Introduction to Vectors                   | 15. Alternate Test        |
| 8. Vector Components                         | 16. Glossary and Credits  |

**TRIGONOMETRY**  
**UNIT 5: POLAR COORDINATES**

**Assignment Titles**

- |   |                             |
|---|-----------------------------|
| 1. Introduction to Polar Coordinates    | 9. Powers and Nth Roots     |
| 2. Polar Equations                      | 10. Project: Fractals       |
| 3. Project: Graphing in the Polar Plane | 11. Quiz 2: Complex Numbers |
| 4. Polar Curves                         | 12. Special Project         |
| 5. Polar Forms of Conics                | 13. Review                  |
| 6. Quiz 1: Polar Equations              | 14. Test                    |
| 7. Polar Form of Complex Numbers        | 15. Alternate Test          |
| 8. Multiply and Divide Complex Numbers  | 16. Glossary and Credits    |

**TRIGONOMETRY**  
**UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |           |                   |
|-----------|-------------------|
| 1. Review | 3. Alternate Exam |
| 2. Exam   |                   |

## TWENTIETH CENTURY AMERICAN HISTORY

### COURSE OVERVIEW

Twentieth Century American History is a history elective for high school students interested in examining American history during a century of change, continuity, and conflicts.

Students will examine America's economic, political, governmental, cultural, and technological growing pains during the twentieth century. They will also consider the causes and effects of national and international cooperation, competition, and conflict.

This course seeks to help students develop social studies skills and expand their knowledge of history so that they may achieve the following goals:

- Understand that the interaction between continuity and change played a huge role in the events in twentieth century American history.
- Realize that change happens through times of conflict and cooperation.
- Develop an increased awareness of how history affects opportunities that are open to future generations.
- Analyze the numerous ways new technologies and innovation transform society and culture.

In attaining these goals, students will develop insight and perspective on the themes and patterns of history and a greater understanding of today's world.

<b>TWENTIETH CENTURY AMERICAN HISTORY UNIT 1: COMING OF AGE</b>	
<b>Assignment Titles</b>	
1. Course Overview	11. Quiz 2: Immigration and Urbanization
2. Entering the Industrial Age	12. Women's Roles in Society
3. Industrialists and Big Business	13. Race Relations and Discrimination
4. The American Workforce	14. Education and Entertainment
5. Farmers and Populists	15. Quiz 3: American Society
6. Quiz 1: The Industrial United States	16. Special Project
7. Immigration at the Turn of the Century	17. Review
8. Corruption and Political Machines	18. Test
9. Growth of Cities	19. Alternate Test
10. Project: Immigrant Experience	20. Glossary and Credits

<b>TWENTIETH CENTURY AMERICAN HISTORY UNIT 2: MODERN AMERICA EMERGES</b>	
<b>Assignment Titles</b>	
1. Progressivism	11. The United States Enters the War
2. Progressive Reforms	12. Supporting the War Effort
3. Leaders and Limitations of Progressivism	13. Wilson's Peace Plan
4. Quiz 1: Progressive Era	14. Quiz 3: World War I
5. Global Imperialism	15. Special Project
6. American Expansionism	16. Review
7. The United States as a World Power	17. Test
8. Project: Panama Canal	18. Alternate Test
9. Quiz 2: American Imperialism	19. Glossary and Credits
10. Causes of World War I	

**TWENTIETH CENTURY AMERICAN HISTORY  
UNIT 3: BOOM TO BUST**

**Assignment Titles**

- |                                   |                                |
|-----------------------------------|--------------------------------|
| 1. Russian Revolution             | 12. World Is Depressed         |
| 2. Red Scare                      | 13. Quiz 3: Great Depression   |
| 3. Return to Normalcy             | 14. A New Deal for Americans   |
| 4. Rise of a Consumer Culture     | 15. Deal or No Deal            |
| 5. Quiz 1: Postwar Issues         | 16. Project: New Deal Programs |
| 6. Prohibition                    | 17. Quiz 4: New Deal           |
| 7. Flappers and Popular Culture   | 18. Special Project            |
| 8. Harlem Renaissance             | 19. Review                     |
| 9. Quiz 2: Roaring Twenties       | 20. Test                       |
| 10. Uncle Sam Is Depressed        | 21. Alternate Test             |
| 11. Devastation of the Depression | 22. Glossary and Credits       |

**TWENTIETH CENTURY AMERICAN HISTORY  
UNIT 4: WORLD WAR II AND THE COLD WAR**

**Assignment Titles**

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| 1. Isolationism and Nationalism       | 13. Cold War Chills Americans         |
| 2. Moving from Isolationism to War    | 14. Quiz 3: Cold War                  |
| 3. Quiz 1: Path to War                | 15. Truman Show                       |
| 4. Americans Mobilize                 | 16. Eisenhower Years                  |
| 5. European Theatre                   | 17. Nifty Fifties                     |
| 6. Holocaust                          | 18. Quiz 4: Post-World War II America |
| 7. Pacific Theatre                    | 19. Special Project                   |
| 8. America's Greatest Generation      | 20. Review                            |
| 9. Quiz 2: Uncle Sam at War           | 21. Test                              |
| 10. Origins of the Cold War           | 22. Alternate Test                    |
| 11. China and Korea                   | 23. Glossary and Credits              |
| 12. Superpowers Compete for Influence |                                       |

**TWENTIETH CENTURY AMERICAN HISTORY  
UNIT 5: CHANGE, CONTINUITY, AND CONFLICT**

**Assignment Titles**

- |   |                                  |
|---|----------------------------------|
| 1. Challenging Segregation                      | 11. Immigration and Migration    |
| 2. Civil Rights Movement                        | 12. Social and Religious Changes |
| 3. Era of Activism                              | 13. Women's Movement             |
| 4. Quiz 1: Civil Rights and Social Change       | 14. Quiz 3: Contemporary America |
| 5. Trouble in the White House                   | 15. Special Project              |
| 6. Conservative Revolution                      | 16. Review                       |
| 7. Post-Cold War Foreign Policy                 | 17. Test                         |
| 8. Project: Comparison Matrix                   | 18. Alternate Test               |
| 9. Quiz 2: Foreign Policy and Domestic Politics | 19. Glossary and Credits         |
| 10. Global Economy                              |                                  |

**TWENTIETH CENTURY AMERICAN HISTORY  
UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |           |                   |
|-----------|-------------------|
| 1. Review | 3. Alternate Exam |
| 2. Exam   |                   |

## VIETNAM

### COURSE OVERVIEW

What comes to mind when you think about the Vietnam Era? For many, that period represents a difficult time in U.S. history. It is defined by an unpopular war that claimed the lives of 58,000 Americans and some 3 million Vietnamese. In this course, you'll look at the history of the Vietnam War. The roots of the conflict stretch further back than you might know. You'll examine why the United States got involved in the conflict and why the United States failed to achieve its objectives.

The lessons in this course will help you to answer the following questions:

- Where is Vietnam?
- What is the history of United States involvement in Vietnam?
- What factors caused the Vietnam War?
- How did international events such as the Cold War play into the conflict?
- What was happening in the United States during the war?
- What was the outcome of the Vietnam War?
- What can we learn from the Vietnam War?

Also, as you grapple with the material in this course, keep these questions in mind:

- What is worth fighting for?
- Why do people fight wars?
- How is military intervention justified?
- How are foreign policy decisions made?
- How does war affect civilians and soldiers?
- What ideas shape people's view of war?

Your goals for this course include:

- Explain why the United States got involved in Vietnam.
- Identify U.S. objectives regarding Vietnam.
- Describe the United States home front during the Vietnam War.
- Identify the impact of the Vietnam War on soldiers and civilians.
- Identify the outcome of the Vietnam War.
- Explain the impact of the Vietnam War on American foreign policy.

VIETNAM ERA	
UNIT 1: THE ORIGINS OF U.S. INVOLVEMENT IN VIETNAM	
Assignment Titles	
1. Course Overview	11. Dien Bien Phu
2. Vietnam	12. The Geneva Accords
3. Early History	13. Essay: The U.S. Policy for Vietnam
4. French Indochina	14. Quiz 3: Vietnam and the Cold War
5. Quiz 1: Toward French Colonization	15. Special Project
6. Nationalist Movement	16. Review
7. World War II	17. Test
8. The French Indochina War	18. Alternate Test
9. Quiz 2: Vietnamese Nationalism	19. Glossary and Credits
10. Falling Dominoes	

**VIETNAM ERA**  
**UNIT 2: FROM MILITARY ADVISORS TO COMBAT TROOPS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Ngo Dinh Diem: The Miracle Man of Asia   | 11. Introduction to Combat: Chu Lai and Ia Drang                  |
| 2. The National Liberation Front            | 12. Project: The Eisenhower, Kennedy, and Johnson Administrations |
| 3. The Diem Coup                            | 13. Quiz 3: The U.S. Military Strategy                            |
| 4. Quiz 1: Nation-Building in South Vietnam | 14. Special Project   |
| 5. Lyndon B. Johnson                        | 15. Review  |
| 6. The Gulf of Tonkin Incident              | 16. Test  |
| 7. The Gulf of Tonkin Resolution            | 17. Alternate Test  |
| 8. Quiz 2: Aggression on the High Seas      | 18. Glossary and Credits  |
| 9. The Air War                              |   |
| 10. The Ground War                          |   |

**VIETNAM ERA**  
**UNIT 3: A NATION DIVIDED BY WAR**

**Assignment Titles**

- |                                  |                                     |
|----------------------------------|-------------------------------------|
| 1. Vietnamese Soldiers           | 10. The Governmental Debate         |
| 2. The Ho Chi Minh Trail         | 11. The Living Room War             |
| 3. Vietcong Tunnels              | 12. Project: Vietnam Era Songs      |
| 4. Quiz 1: The Vietnamese Effort | 13. Quiz 3: American Public Opinion |
| 5. Tour of Duty                  | 14. Special Project                 |
| 6. Fighting the War              | 15. Review                          |
| 7. Women and the Vietnam War     | 16. Test                            |
| 8. Quiz 2: The American Effort   | 17. Alternate Test                  |
| 9. The Antiwar Movement          | 18. Glossary and Credits            |

**VIETNAM ERA**  
**UNIT 4: ACHIEVING PEACE WITH HONOR**

**Assignment Titles**

- |                                       |                                |
|---------------------------------------|--------------------------------|
| 1. The Tet Offensive                  | 10. Secret Diplomacy           |
| 2. LBJ Shocks the Nation              | 11. The Paris Peace Accords    |
| 3. The 1968 Election                  | 12. Essay: Vietnamization      |
| 4. Quiz 1: A Turning Point in the War | 13. Quiz 3: The End of the War |
| 5. Richard Nixon                      | 14. Special Project            |
| 6. Vietnamization                     | 15. Review                     |
| 7. The Invasion of Cambodia           | 16. Test                       |
| 8. Quiz 2: Nixon and the Vietnam War  | 17. Alternate Test             |
| 9. Crisis in Morale and Discipline    | 18. Glossary and Credits       |

**VIETNAM ERA**  
**UNIT 5: THE LEGACY OF VIETNAM**

**Assignment Titles**

- |                                  |                                  |
|----------------------------------|----------------------------------|
| 1. Nixon and Watergate           | 10. U.S.-Vietnamese Relations    |
| 2. Prisoner of War               | 11. Vietnam Today                |
| 3. The Fall of Saigon            | 12. Essay: The Vietnam Era       |
| 4. Quiz 1: Aftermath in Asia     | 13. Quiz 3: Toward Normalization |
| 5. Vietnam Veterans              | 14. Special Project              |
| 6. The Vietnam Veterans Memorial | 15. Review                       |
| 7. Vietnam Syndrome              | 16. Test                         |
| 8. Quiz 2: Searching for Lessons | 17. Alternate Test               |
| 9. Vietnamese in America         | 18. Glossary and Credits         |

**VIETNAM ERA**  
**UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |           |                   |
|-----------|-------------------|
| 1. Review | 3. Alternate Exam |
| 2. Exam   |                   |

## CAREER AND TECHNICAL EDUCATION

### CAREER EXPLORATIONS 1

#### COURSE OVERVIEW

The Career Explorations 1 course is designed to give seventh- and eighth-grade students an opportunity to explore various CTE subjects. Specifically, students will be able to learn about careers involving human-related services.

Each unit introduces one particular field and explains its past, present, and future. The goal is to whet students' appetites for these careers. Students can then explore that career in more detail as a high school student.

#### Objectives

- Examine work, lifestyle, and a career.
- Evaluate the history of health care and the impact of science and technology has had on it.
- Explain why travel and tourism is important to our economy.
- Understand how geographic principles relate to traveler decisions.
- Explain the history the human services and how it functions in society.
- Analyze careers in the consumer services industry.

Assignments in this course place a strong emphasis on student inquiry, research, and writing. Links to outside Web sites play a role in course activities and learning. (Please note that we are not responsible for the content of these Web sites since their maintenance is outside our control.)

This course has six units. The first five are instructional units containing two chapters. Each chapter usually includes three lessons, two projects, and a chapter test. Each unit also contains a unit test. The sixth unit includes a course review, final exam, and a final project. Most lessons in this course are designed to take one day to complete, while most projects are intended to take from one to several days, depending on complexity. The course contains content sufficient to support seat time requirements ranging from 70-80 hours.

This course was edited for a junior high school audience. Still, there are vocabulary words in it that may be unfamiliar to some students. These are either defined in the text or defined in a special "key words" section at the beginning of the lesson.

This course was designed to give students enough information to think about five different career ideas in the context of their own lives. This includes their likes and dislikes, interests, aptitudes, desired lifestyle, and goals. But it goes beyond just the facts to encourage the students to think critically about various aspects of each career or different issues that may be facing people in those careers.

<b>CAREER EXPLORATIONS 1</b>	
<b>UNIT 1: CAREER MANAGEMENT</b>	
<b>Assignment Titles</b>	
1. Course Overview	13. Basic Employability Skills
2. The Purpose of Work	14. Project: Basic Employability Skills
3. Personal Benefits Of Work	15. Problem Solving
4. Wages and Employment Benefits	16. Project: Problem Solving
5. Project: Time Sheet	17. Lifelong Learning and Technology
6. Project: Earnings Statement	18. Career Clusters
7. Lifestyle Goals	Project: Career Clusters Research Tri-fold
	19. Brochure
8. Project: Lifestyle Budget	20. Quiz: Elements of Work
9. Societal Benefits of Work	21. Special Project
10. Quiz: What is Work?	22. Review
11. Basic Work Qualifications	23. Test
12. Work Environment	24. Glossary and Credits

**CAREER EXPLORATIONS 1**  
**UNIT 2: INTRODUCTION TO CAREERS IN HEALTH SCIENCES**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Medicine From Ancient Times Through the Middle Ages  | 8. Advances in Medical Imaging                      |
| 2. Medicine in the Seventeenth and Eighteenth Centuries | 9. Innovations in Transplantation                   |
| 3. The Rise of Modern Medicine                          | 10. Project: Genetics                               |
| 4. Project: Ancient vs. Modern Medical Practices        | 11. Project: How Technology is Used in Medicine     |
| 5. Project: Different Health Career Possibilities       | 12. Quiz: Recent Advances in Science and Technology |
| 6. Quiz: History of Medicine and Medical Discovery      | 13. Special Project                                 |
| 7. Molecular Technology: Gene Chips                     | 14. Test  |
|   | 15. Glossary and Credits                            |

**CAREER EXPLORATIONS 1**  
**UNIT 3: INTRODUCTION TO HOSPITALITY AND TOURISM SYSTEMS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Travel Terms                                  | 9. The Countries We Visit: Part 2                  |
| 2. Segments of the Travel Industry               | 10. Project: Geographic Basics and Where We Travel |
| 3. Travel Product Distribution and Why We Travel | 11. Project: The Countries We Visit                |
| 4. Project: Travel Terminology                   | 12. Quiz: The Geography of Travel                  |
| 5. Project: Segments of the Travel Industry      | 13. Special Project                                |
| 6. Quiz: The Foundations of Travel               | 14. Test   |
| 7. Geographic Basics and Where We Travel         | 15. Glossary and Credits                           |
| 8. The Countries We Visit: Part 1                |  |

**CAREER EXPLORATIONS 1**  
**UNIT 4: INTRODUCTION TO HUMAN SERVICES**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Solving Problems vs. Teaching Problem-Solving Skills | 9. Project: Designing A Human Services Organization |
| 2. Types of Populations, Services, and Fulfilling Needs | 10. Administration                                  |
| 3. Project: Let's Get Happy and Let's Get Rich          | 11. Project: Life After High School                 |
| 4. What Human Services Organizations Do                 | 12. Quiz: Providers of Human Services               |
| 5. Project: Know Your Surroundings                      | 13. Special Project                                 |
| 6. Quiz: History, Standards, and Overarching Mission    | 14. Test  |
| 7. Direct Service Interventions                         | 15. Glossary and Credits                            |
| 8. Policy and Program-Planning Interventions            |   |

**CAREER EXPLORATIONS 1**  
**UNIT 5: INTRODUCTION TO CONSUMER SERVICES**

**Assignment Titles**

- |  |  |
|--|--|
| 1. What are Consumer Services?                               | 8. Safety Within the Organization                      |
| 2. Customer Service And Consumer Advocacy                    | 9. Project: Drafting a Safety Policy                   |
| 3. Project: Personal Skills Evaluation                       | 10. External Influences on Consumer Services           |
| 4. Professional Organizations, Certifications, and Resources | 11. Project: Interview-based Article on Sustainability |
| 5. Project: Building a Portfolio                             | 12. Quiz: Organizational Structure                     |
| 6. Quiz: Introduction and Basic Competencies                 | 13. Special Project                                    |
| 7. Organizational Structures                                 | 14. Test   |
|  | 15. Glossary and Credits                               |

**CAREER EXPLORATIONS 1**  
**UNIT 6: COURSE, REVIEW, PROJECT, AND EXAM**

**Assignment Titles**

- |   |         |
|---|---------|
| 1. Course Project: Decisions, Decisions | 3. Exam |
| 2. Review                               |         |

## CAREER EXPLORATIONS 2

### COURSE OVERVIEW

The Career Explorations 2 course is designed to give seventh- and eighth-grade students an opportunity to explore various CTE subjects. Specifically, students will be able to learn about careers involving various technical fields from computers to agriculture.

Each unit introduces one particular field and explains its past, present, and future. The goal is to whet students' appetites for these careers. Students can then explore that career in more detail as a high school student.

#### Objectives

- Identify the basic components of a computer system and its use within a networking/communications environment.
- Discuss the history, development, and use of the Internet and mobile computing technology in business and society.
- Explore systems design and implementation.
- State the purpose of a computer network, and explain the role of network hardware in achieving that purpose.
- Identify the advancement of agriculture to the present day.
- Explain sustainable agriculture and its impact on society..
- Understand the STEM field along with the concepts, theories, practical applications, and STEM careers.

Assignments in this course place a strong emphasis on student inquiry, research, and writing. Links to outside Web sites play a role in course activities and learning. (Please note that we are not responsible for the content of these Web sites since their maintenance is outside our control.)

This course has six units. The first five are instructional units containing two chapters. Each chapter usually includes three lessons, two projects, and a chapter test. Each unit also contains a unit test. The sixth unit includes a course review, final exam, and a final project. Most lessons in this course are designed to take one day to complete, while most projects are intended to take from one to several days, depending on complexity. The course contains content sufficient to support seat time requirements ranging from 70 to 80 hours.

This course was edited for a junior high school audience. Still, there are vocabulary words in it that may be unfamiliar to some students. These are either defined in the text or defined in a special "key words" section at the beginning of the lesson.

This course was designed to give students enough information to think about five different career ideas in the context of their own lives. This includes their likes and dislikes, interests, aptitudes, desired lifestyle, and goals. But it goes beyond just the facts to encourage the students to think critically about various aspects of each career or different issues that may be facing people in those careers.

<b>CAREER EXPLORATIONS 2</b>	
<b>UNIT 1: INFORMATION TECHNOLOGY</b>	
<b>Assignment Titles</b>	
1. Course Overview	8. Internet in Business and Society
2. Computer Systems and Networks	9. Human-Centered Technology
3. Network Ethics and Security	10. Project: Biometrics Report
4. Project: Benefit Analysis Study: Small Business Expansion	11. Mobile Computing
5. Information Storage	12. Project: Geocache Treasure Hunt
6. Project: Correspondence Between Stringer and Newspaper Editor: Media Preview	13. Quiz: Internet in Business and Society
7. Quiz: Computer Systems and Networks	14. Project: Special Project
	15. Test
	16. Glossary and Credits



**CAREER EXPLORATIONS 2**  
**UNIT 2: INTRODUCTION TO INFORMATION SUPPORT AND SERVICES**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Supporting the Business Workflow Model              | 8. Public Clouds                           |
| 2. Project: Understanding Software Development Models  | 8. Project: Moving to the Cloud            |
| 3. Operating Systems, Hardware, and Software Selection | 9. Private Clouds                          |
| 4. Project: Building a Mind Map                        | 10. Hybrid Clouds                          |
| 5. Implementation and End-User Training                | 11. Project: Companies in the Hybrid Cloud |
| 6. Project: Preparing a Support Plan                   | 12. Quiz: Cloud-Based Systems              |
| 7. Quiz: On-Premise Systems                            | 13. Project: Special Project               |
|  | 14. Test                                   |
|  | 15. Glossary and Credits                   |

**CAREER EXPLORATIONS 2**  
**UNIT 3: INTRODUCTION TO NETWORK SYSTEMS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Networking Concepts                 | 9. Project: Slide Show: Networking Layers   |
| 2. Project: Report: Technology Devices | 10. Data Encapsulation                      |
| 3. Network Devices and Components      | 11. Project: Slide Show: Data Encapsulation |
| 4. Network Topologies                  | 12. Quiz: OSI and TCP/IP Networking Models  |
| 5. Project: Hardware Awareness         | 13. Project: Special Project                |
| 6. Quiz: Computer Networks             | 14. Test                                    |
| 7. The OSI Reference Model             | 15. Glossary and Credits                    |
| 8. The TCP/IP Networking Model         |   |

**CAREER EXPLORATIONS 2**  
**UNIT 4: INTRODUCTION TO AGRICULTURE, FOOD, AND NATURAL RESOURCES**

**Assignment Titles**

- |   |  |
|---|--|
| 1. People and Agriculture                         | 9. Agriculture and the Economy                             |
| 2. Project: People, Agriculture, and Society      | 10. Project: Research and Learn: Commodities and Exchanges |
| 3. Advances in Agriculture                        | 11. Food Distribution and Safety                           |
| 4. Today's Agricultural Consumer                  | 12. Quiz: Agriculture's Role in Society                    |
| 5. Project: Percent Spent                         | 13. Project: Special Project                               |
| 6. Quiz: Overview of Agriculture                  | 14. Test   |
| 7. Sustainable Agriculture                        | 15. Glossary and Credits                                   |
| 8. Project: Research and Learn: The Power of Poo! |  |

**CAREER EXPLORATIONS 2**  
**UNIT 5: INTRODUCTION TO STEM**

**Assignment Titles**

- |   |  |
|---|--|
| 1. What is STEM Education?  | 9. Get Organized: Mind Maps and Mind Mapping!                    |
| 2. The Great Discoverers and Discoveries                                    | 10. Education and Training in STEM                               |
| 3. Project: Timeline of Great Discoverers and Discoveries in the STEM Field | 11. Project: Mind Map of Personal STEM Education and Career Plan |
| 4. Identify Careers in Science  | 12. Quiz: What Lies Ahead?                                       |
| 5. Project: Exploring Careers in the STEM Field                             | 13. Project: Special Project                                     |
| 6. Quiz: Introduction   | 14. Test   |
| 7. Get Organized: Outlines and Outliners!                                   | 15. Glossary and Credits   |
| 8. Project: Create a Google Website   |  |

**CAREER EXPLORATIONS 2**  
**UNIT 6: COURSE PROJECT, REVIEW AND FINAL EXAM**

**Assignment Titles**

- |   |         |
|---|---------|
| 1. Course Project: And the Results Are... | 3. Exam |
| 2. Review                                 |         |

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## CAREERS IN ALLIED HEALTH

### COURSE OVERVIEW

Allied health is the term for the area of healthcare (and health care professions) that provide support and care services other than specific doctoring and nurse care. At times, the line between allied health and "non-allied health" may seem to be separated by level of degree/education, although this isn't always true.

Allied health career paths can be divided into general roles like diagnostic (testing to see what's wrong), technical (taking care of technology aspects), therapeutic (moving the patient toward healing) and direct patient care (caring for the patient in other ways), although there is some overlap in a few roles. There are a few hundred potential jobs and dozens of potential settings that one could work in.

The career field is important for several reasons. First, the care and support that allied health professionals provide is integral to the health care system. In addition it's estimated that these professionals make up more than half of the entire health care field. This representation within the industry shows how very important the various roles are.

In this course, we will focus on select allied health careers, studying a variety of different levels, responsibilities, settings, education needs and amounts of patient contact. We will look at things like the degree or training needed for each job, the environment one would work in, how much money the position could make, and the facts of the actual working day.

Then, within each job group, we will explore important aspects that are applicable to the entire field of allied health, such as behaving ethically, working as a team, keeping patients safe and free from infections and germs, honoring diverse needs of diverse patients, and following laws and policies.

The last unit will then include several activities that allow the student to seriously engage with their career exploration and selection.

#### Objectives

- learn about allied health careers, academic preparation, lifestyle, skills needed, licensing and credentialing, employment potential, and continuing education.
- explore ethical and legal challenges in the healthcare field.
- understand the role of allied health care professionals in the overall health care environment and the importance of teamwork in patient care.
- examine the importance of cultural, social, and ethnic diversity in the healthcare workforce and environment.
- learn legal/regulatory guidelines addressing patient and medical information and understand the issues related to confidentiality.
- learn about safety measures and regulatory requirements.

#### Pre-requisites:

Since this course leans heavily on reporting and research, students should already know how to choose appropriate resources (especially online), and how to properly cite those resources.

#### Supplies and resources:

2-4 pieces of poster board/large paper (or graphics/drawing software)  
Access to newspaper/media archives  
2-5 Paper plates  
Drawing tools  
Suggested: Copy of the book "Alex, the Life of a Child" by Frank DeFord

**CAREERS IN ALLIED HEALTH  
UNIT 1: INTRODUCTION TO ALLIED HEALTH CAREERS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Course Overview  | 9. Project: Ethics and Responsibilities of EMTs      |
| 2. What is Allied Health?   | 10. Surgical Technologists                           |
| 3. Project: Educational Pathway (education, testing, and credentials) | 11. Perfusionist                                     |
| 4. Exploring the Allied Health Competency Model                       | 12. Project: Exploring Allied Health Careers         |
| 5. Project: Evaluating Your Competencies                              | 13. Quiz 2: First Responders and Emergency Personnel |
| 6. Who's the Hero? An Allied Health Story                             | 14. Special Project                                  |
| 7. Quiz 1: Introduction   | 15. Test   |
| 8. First Responders: EMT/Paramedic                                    | 16. Course Project Part - 1: Establishing Your Blog  |
|   | 17. Glossary and Credits                             |

**CAREERS IN ALLIED HEALTH  
UNIT 2: ART AND TECHNOLOGY**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Medical Arts & Special Skills: Medical Illustrator                       | 9. Project: Cystic Fibrosis Report   |
| 2. Project: Medical Illustration/Emergency Medicine Career Comparison       | 10. Therapists and Technologists: Polysomnographic Technologists and Sleep Apnea |
| 3. Medical Arts & Special Skills: Orthotists and Prosthetists               | 11. Project: Polysomnographic Technologist (PT) Scenario                         |
| 4. Project: Communication Research and Report                               | 12. Quiz 2: Therapists and Technologists   |
| 5. Medical Arts & Special Skills: Art Therapist                             | 13. Special Project  |
| 6. Quiz 1: Medical Arts and Special Skills                                  | 14. Test   |
| 7. Therapists and Technologists: Respiratory Therapists and Cystic Fibrosis | 15. Course Project Part - 2: Situs Inversus                                      |
| 8. Therapists and Technologists: Radiologic Technologist and Situs Inversus | 16. Glossary and Credits   |

**CAREERS IN ALLIED HEALTH  
UNIT 3: EXERCISE SCIENCE AND PATIENT EVALUATION**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Exercise as Medicine and the Exercise Physiologist                   | 10. Project: Epilepsy Research paper                          |
| 2. Project: Day in the Life   | 11. Cardiovascular Technologist                               |
| 3. Kinesiotherapy and the U.S. Veteran returning from Afghanistan       | 12. Quiz 2: Evaluating the Patient                            |
| 4. Project: Research on VA and Their Services                           | 13. Special Project   |
| 5. Fitness Instructor and the New Year's Resolution                     | 14. Test  |
| 6. Quiz 1: Exercise Science   | 15. Course Project Part - 3: Blogging about an Echocardiogram |
| 7. Audiologists and the Hip Hop Concert                                 | 16. Glossary and Credits                                      |
| 8. Project: The Hip Hop Mogul   |   |
| 9. Electro-neurodiagnostic (END) Technologist and the Epileptic Patient |   |

**CAREERS IN ALLIED HEALTH  
UNIT 4: HEALTH INFORMATICS AND HEALTH ADMINISTRATION**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Health Informatics, Data Acquisition, and Medical Coding | 10. Applications, Activities and Case Studies in Hospital and Health Care Management |
| 2. Project: Medical Coding Ethics                           | 11. Project: Developing Comparison of Healthcare Funding                             |
| 3. Dental Informatics                                       | 12. Quiz 2: Hospital Administrator/Health Care Management                            |
| 4. Telemedicine and Mobile Computing Informatics            | 13. Special Project  |
| 5. Project: Online Symptom Analysis                         | 14. Test   |
| 6. Quiz 1: Health Informatics and Medical Coding            | 15. Course Project Part - 4: Blogging on Medical Ethics                              |
| 7. Introduction to Healthcare Management                    | 16. Glossary and Credits   |
| 8. Introduction to the Hospital Administrator Role          |  |
| 9. Project: Creating an Organizational Chart                |  |

**CAREERS IN ALLIED HEALTH**  
**UNIT 5: COUNSELING, DIETETICS AND CHOOSING A CAREER IN ALLIED HEALTH**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Genetic Counseling- An Introduction to the Career          | 9. Diet and the Body   |
| 2. Bioinformatics and the Human Genome                        | 10. Project: Choose My Plate   |
| 3. Project: Mapping Genes                                     | 11. Career Exploration Activities                                      |
| 4. Prenatal Counseling and Anomalies, Choice, Ethics, Science | 12. Project: The Case Study  |
| 5. Project: Cystic Fibrosis Testing and Ethical Decisions     | 13. Quiz 2: Dietetics and Nutrition                                    |
| 6. Quiz 1: Genetic Counseling                                 | 14. Special Project  |
| 7. Dietetics and Nutrition: Intro to the Career               | 15. Test   |
| 8. Project: The Debate Between the Nutritionist and Dietician | 16. Course Project Part - 5: Personal Trainer and Dietician Consulting |
|   | 17. Glossary and Credits   |

**CAREERS IN ALLIED HEALTH**  
**UNIT 6: COURSE PROJECT, REVIEW AND EXAM**

**Assignment Titles**

- |  |         |
|--|---------|
| 1. Course Project Part - 6: Final Blogging Project | 3. Exam |
| 2. Review  |         |

## ENGINEERING AND DESIGN

### COURSE OVERVIEW

Engineering and Design is part of the STEM (Science, Technology, Engineering, and Mathematics) education and career path. By building real-world problem-solving and critical-thinking skills, students learn how to innovate and design new products and improve existing products. Students are introduced to the engineering design process to build new products and to the reverse engineering process, which enables engineers to adjust any existing product.

Parallels and analogies from Scriptural examples will firmly seat the course in Bible truth, since God is the master engineer, designer, and creator of everything. Popular topics and issues that are politically controversial will be explored from a Biblical perspective.

A second and equally important emphasis will address how fluid power is used by engineers to make difficult maneuvers easier, increasing efficiency and minimizing effects on the environment. Students will then identify how engineering and design have a direct impact on environmental sustainability and economic greening, with Bible principles incorporated when appropriate. Finally, students will incorporate the engineering design process, environmental life cycle, and green engineering principles to create a decision matrix to learn how to solve environmental issues, while identifying how following God's original principles would have avoided producing those issues in the first place.

#### Objectives:

- Understand the basic STEM requirements of engineers and the skills required for the occupation.
- Define and understand how forces are transmitted with fluid systems to build efficiency and increase sustainability. With this knowledge, students can solve a problem with a new design solution using fluid power.
- Utilize sketching skills and techniques to produce detailed sketches of components in the design of a real-world object to scale. This allows students to determine the feasibility of a product or design.
- Use the engineering design process and reverse engineering techniques and apply them to a design. They will be able to create and use decision matrices to make design decisions based on logic and analysis. Students will be able to identify and research environmental issues and challenges with respect to energy and air quality.
- Identify and analyze the environmental life cycle of a product or process to solve sustainability challenges for social and industrial environmental issues.

ENGINEERING AND DESIGN	
UNIT 1: INTRODUCTION TO ENGINEERING AND DESIGN AND THE DESIGN PROCESS	
Assignment Titles	
1. Course Overview	10. Project: Researching Materials Designs
2. Design Opportunities All Around Us	11. Application of Materials
3. Design Improvements	12. Project: Designing a Destructive Test
4. Project: Creating a Product Discussion Forum	13. Quiz 2: Fundamentals of Engineering
5. Improvements of Everyday Items	14. Project: Special Project
6. Project: Model or Prototype Suggestion Presentation	15. Test
7. Quiz 1: Introduction to Design Opportunities	16. Course Project Part 1: Identifying the Product or Process
8. Basic Engineering Concepts	17. Glossary and Credits
9. Choosing Materials for Design	

**ENGINEERING AND DESIGN**  
**UNIT 2: FLUID SYSTEMS: ENERGY AND POWER TECHNOLOGIES IN ENGINEERING**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Fluid Power Systems                                   | 9. Efficient Fluid Power Designs                              |
| 2. Fluid Power Devices                                   | 10. Designing a Fluid Power Lifting System                    |
| 3. Project: Researching a Fluid Power System Goal        | 11. Project: Designing a Fluid Power Lift System              |
| 4. Designing Fluid Power Systems for Future Developments | 12. Quiz 2: Fluid Power Applications and Capabilities         |
| 5. Project: Creating a Fluid Power System for the Future | 13. Project: Special Project                                  |
| 6. Quiz 1: Introduction to Fluid Power                   | 14. Test  |
| 7. Common Applications for Fluid Power Systems           | 15. Course Project Part 2: Incorporating a Fluid Power System |
| 8. Project: Identifying Fluid Power in Daily Life        | 16. Glossary and Credits                                      |

**ENGINEERING AND DESIGN**  
**UNIT 3: MODELING AND SKETCHING**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Introduction to Technical Sketching and Drawing                     | 9. Project: Researching Model Uses in Remote or Dangerous Locations |
| 2. Project: Interview an Engineer About Sketching                      | 10. Designing a Sketch Model  |
| 3. Geometric Shapes and Solids in Engineering                          | 11. Project: Presenting a Sketch Model of a Designed Pet Toy        |
| 4. Drawing to Scale  | 12. Quiz 2: Sketch Modeling   |
| 5. Project: Creating a Technical Sketch of an Everyday Object to Scale | 13. Project: Special Project  |
| 6. Quiz 1: Introduction to Design and Technical Sketches               | 14. Test  |
| 7. The Applications for Modeling in Engineering                        | 15. Course Project Part 3: Designing a Sketch Model                 |
| 8. Modeling and Prototypes   | 16. Glossary and Credits  |

**ENGINEERING AND DESIGN**  
**UNIT 4: REVERSE ENGINEERING**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Reverse Engineering: Visual Analysis                                     | 10. Calculating the Process: Materials, Time, and Cost for Improvement                 |
| 2. Reverse Engineering: Functional Analysis                                 | 11. Project: Researching Materials, Time, and Cost for Product Modifications           |
| 3. Project: Creating a Function Structure Diagram or Product Teardown Chart | 12. Quiz 2: Using Reverse Engineering for Product Improvement                          |
| 4. Reverse Engineering: Structural Analysis                                 | 13. Project: Special Project   |
| 5. Project: Creating a Morphological Matrix                                 | 14. Test   |
| 6. Quiz 1: Introduction to Reverse Engineering                              | 15. Course Project Part 4: Calculating the Process: Materials, Time, and Cost Analyses |
| 7. Finding the Product: The Reverse Engineering and Design Process Applied  | 16. Glossary and Credits   |
| 8. Implementing the Procedure: Reverse Engineering a Product                |  |
| 9. Project: Reverse Engineering Documentation and Presentation              |  |

**ENGINEERING AND DESIGN**  
**UNIT 5: ENGINEERING TO IMPROVE SUSTAINABILITY**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Environmental Engineering Introduction            | 10. Incorporating Green Engineering Principles                        |
| 2. Project: Researching a Local Sustainability Issue | 11. Project: Creating a Decision Matrix for an Environmental Issue    |
| 3. Energy and Air Quality                            | 12. Quiz 2: Environmental Life Cycle and Green Engineering Design     |
| 4. Green Buildings and Green Initiatives             | 13. Project: Special Project  |
| 5. Project: LEED Ratings for Building Construction   | 14. Test  |
| 6. Quiz 1: Introduction to Environmental Engineering | 15. Course Project Part 5: Incorporating Green Engineering Principles |
| 7. Environmental Assessment and Impacts              | 16. Glossary and Credits  |
| 8. Project: Researching Life Cycles for Assessment   |   |
| 9. Green Design Principles: Systems and Environment  |   |

**ENGINEERING AND DESIGN**  
**UNIT 6: COURSE PROJECT, REVIEW, AND EXAM**

**Assignment Titles**

- |  |                  |
|--|------------------|
| 1. Course Project Part 6: Conducting a Life Cycle Analysis | 2. Course Review |
|  | 3. Exam          |

## ENGINEERING AND INNOVATION

### COURSE OVERVIEW

The Engineering and Innovation course will provide students with an understanding of the field of engineering and introduction to the concepts of invention and innovation, as well as some of the skills and tools necessary to invent and innovate. This information will provide students with the ability to invent and innovate in their field of choice.

Students will learn details about the scope and nature of the field of engineering, as well as the Biblical principles that serve as the foundation for engineering and work in general. They will also learn about the history of invention and innovation and how those activities play a role in the advancement of human society. Students will be introduced to patents, regulations, and ethical and professional standards that apply in the fields of engineering and invention.

Students will also learn about analytical modeling and problem solving, interpreting the results of models and experiments, and understanding how bias impacts outcomes. In addition, students will learn about innovations and inventions in the fields of biomedicine and the environment and how those fields have impacted the health and wellbeing of society. Lastly, students will learn about career choices and organizations and resources available for individuals who wish to incorporate invention and innovation into their careers and lives.

Objectives:

- Understand the field of engineering as well as the concepts of invention and innovation.
- Understand the history of inventions and innovations and compare and contrast the roles of innovators, inventors, and engineers.
- Understand the changes that inventions have brought to society and how engineers and inventors collaborate with business.
- Understand how to search and apply for patents, find regulations, and research ethical and professional standards that apply in the fields of engineering and innovation.
- Understand the process of invention as problem solving, including using and interpreting models, and apply a model to a problem to solve it.
- Understand problem solving and innovation specifically in the fields of biomedicine and the environment.
- Identify career options and resources in interest areas, as well as understand how to bring a product or idea to market.

ENGINEERING AND INNOVATION	
UNIT 1: INTRODUCTION TO ENGINEERING AND INNOVATION	
Assignment Titles	
1. Course Overview	10. Engineers as Inventors
2. Who are Inventors and Innovators?	11. Project: Researching an Innovator
3. Exploring Engineering and Business	12. Life-Altering Innovation
4. Project: Innovating a Product	13. Quiz 2: The History of Invention
5. Who's the Hero: The Inventor or the Business?	14. Project: Special Project
6. Project: Starting a Business	15. Test
7. Quiz 1: Introduction	16. Course Project Part 1: History of Related Inventions
8. The History of Invention	17. Glossary and Credits
9. Project: Historical Inventions	

**ENGINEERING AND INNOVATION  
UNIT 2: PATENTS AND REGULATIONS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Provisional and Traditional Patents    | 10. The Balance Between Excessive Regulation and Encouraging Innovation |
| 2. Types of Patents                       | 11. Project: Apply for a Patent: Rules and Regulations                  |
| 3. Project: Comparing Patent Applications | 12. Quiz 2: Regulations and Innovations                                 |
| 4. Scope of Patent Protection             | 13. Project: Special Project  |
| 5. Project: Patent Search                 | 14. Test  |
| 6. Quiz 1: Patents                        | 15. Course Project Part 2: Patenting the Invention                      |
| 7. Laws and Regulations                   | 16. Glossary and Credits  |
| 8. Project: Apply for a Patent            |   |
| 9. Staying Current on New Laws            |   |

**ENGINEERING AND INNOVATION  
UNIT 3: ETHICAL AND PROFESSIONAL PRACTICES**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Ethics in Innovation                                 | 8. Analytical Approach to Innovation              |
| 2. Project: Case Study: Ethical Innovation by a Company | 9. Project: Practicing Analytical Skills          |
| 3. Professional Standards                               | 10. Modeling in Innovation                        |
| 4. Project: Industry Ethics and Professional Standards  | 11. Project: Career Exploration                   |
| 5. Familiarization with Rules and Requirements          | 12. Quiz 2: Analytical Problem Solving            |
| 6. Quiz 1: Ethical and Professional Innovators          | 13. Project: Special Project                      |
| 7. Researching as Inventors                             | 14. Test  |
|   | 15. Course Project Part 3: Modeling the Invention |
|   | 16. Glossary and Credits                          |

**ENGINEERING AND INNOVATION  
UNIT 4: ANALYTICAL MODELING AND OUTCOMES ASSESSMENT**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Analytical Modeling                             | 10. Interdependence: Innovation and Environment                             |
| 2. Project: Comparing Models                       | 11. Project: New Innovation for the Environment                             |
| 3. Choosing a Model and Limiting Bias              | 12. Quiz 2: Green and Environmental Issues in Innovation                    |
| 4. Interpreting Results                            | 13. Project: Special Project  |
| 5. Project: Career Exploration                     | 14. Test  |
| 6. Quiz 1: Analytical Model Selection and Outcomes | 15. Course Project Part 4: Solving Environmental Issues With This Invention |
| 7. Innovation and Environmental Sustainability     | 16. Glossary and Credits  |
| 8. Innovation in Environmental Causes              |   |
| 9. Project: Environmentally Conscious Innovation   |   |

**ENGINEERING AND INNOVATION  
UNIT 5: BIOMEDICINE AND EMERGING INNOVATIONS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Biomedical Innovation                                  | 8. Project: Your Invention                       |
| 2. Project: Impact of Biomedical Innovation               | 9. Careers in Innovation                         |
| 3. Resources in Innovation for Biomedicine                | 10. Resources for Innovators                     |
| 4. Project: Researching the Biomedical Innovation Process | 11. Project: Researching Innovative Groups       |
| 5. Advancement of Humankind from Biomedical Innovations   | 12. Quiz 2: Summary and Advancement              |
| 6. Quiz 1: Engineering and Technical Tools                | 13. Project: Special project                     |
| 7. Innovators, Inventions, and Modeling                   | 14. Test   |
|   | 15. Course Project Part 5: Identifying Resources |
|   | 16. Glossary and Credits                         |

**ENGINEERING AND INNOVATION  
UNIT 6: COURSE PROJECT, REVIEW, AND EXAM**

**Assignment Titles**

- |   |         |
|---|---------|
| 1. Course Project Part 6: Business Plan | 3. Exam |
| 2. Course Review                        |         |



## FUNDAMENTALS OF COMPUTER SYSTEMS

### COURSE OVERVIEW

The Computer Fundamentals course will provide students with an understanding of computers and how they operate as well as a basic understanding of how to manage and maintain computers and computer systems. These skills will provide students with the ability to configure computers and solve computer problems.

Students will learn details about the different elements of computers and computer systems. They will learn to identify hardware devices and their functions. They will be instructed on the role of operating systems as well as how to install and customize the Windows operating system. Students will learn about networking and the Internet. They will also be introduced to security issues in order to protect themselves and their computers and data.

Students will also learn about some of the software applications typically used on computers today, such as Microsoft Office. In addition, students will learn specifics about maintaining and troubleshooting computers, including managing files, backing up systems, and using the administrative tools in the Windows operating system. Lastly, the students will learn the basics of customer service and working as a help desk support technician.

#### Objectives

- After completing this course the student will understand computers and their functions, as well as develop basic customer service skills, and be able to effectively meet customer needs.
- Students will be able to implement problem-solving techniques to understand the nature of computer problems. They will also understand hardware components, software, and the Internet, so they are able to develop, maintain, and update computer systems.
- After this course, students also will be able to use the Internet to update computer systems and complete other IT service-related tasks. They will be able to install, configure, or modify software and operating systems to ensure optimal system function.
- Students will be able to perform computer backup procedures to protect information. They also will be able to recognize potential security threats and understand the procedures for maintaining security.
- After this course students will be able to provide IT support and training for computers and networks.

#### Fundamentals of Computer Systems Course Requirements

For topics in this course, it is helpful for students to be familiar with the basics of using desktop or laptop computers as well as accessing Web sites over the Internet.

If students are not familiar with these topics, it is recommended, though not required, that they familiarize themselves with the operating system and Web browser they will be using for this course. This includes turning on a computer and logging into an account, if necessary, exploring the different types of software available, navigating through some of the operating system menus to understand the available tools, and doing a basic search on the Internet.

FUNDAMENTALS OF COMPUTER SYSTEMS	
UNIT 1: COMPUTER HARDWARE AND OPERATING SYSTEMS	
Assignment Titles	
1. Course Overview	10. The Boot Sequence—Command Prompt and BIOS
2. The Motherboard and the CPU	11. Installation, Upgrades, and Maintenance of Operating Systems
3. Storage Systems and Memory	12. Project: Installing an Operating System
4. Project: Semiconductor Chips	13. Quiz 2: The Operating System
5. Graphic Devices and Peripherals	14. Project: Special Project
6. Project: Building a Computer	15. Unit 1 Test
7. Quiz 1: Computer Hardware	16. Course Project Part 1: Operating System
8. Operating Systems Basics	17. Glossary and Credits
9. Project: Testing Operating Systems	

**FUNDAMENTALS OF COMPUTER SYSTEMS  
UNIT 2: CONFIGURING THE COMPUTER**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Windows Desktop, Start Menu, and Task Bar, Including Windows Task Manager | 9. Project: Setting Up an Internal Network                 |
| 2. The Control Panel   | 10. Troubleshooting Internet Connectivity                  |
| 3. Project: Help Desk Solutions  | 11. Project: Creating a Strategy Using Available Resources |
| 4. Windows Accessories and Built-in Applications                             | 12. Quiz 2: Networking                                     |
| 5. Project: Scavenger Hunt   | 13. Project: Special Project                               |
| 6. Quiz 1: Windows 101   | 14. Unit 2 Test  |
| 7. Basic Networking Concepts   | 15. Course Project Part 2: Networking                      |
| 8. Connecting to a Network or Domain   | 16. Glossary and Credits                                   |

**FUNDAMENTALS OF COMPUTER SYSTEMS  
UNIT 3: COMPUTER PROGRAMS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Internet Uses and Abilities                      | 9. Microsoft Excel                          |
| 2. Project: Researching the History of the Internet | 10. Project: Developing a Spreadsheet       |
| 3. Comparing Internet Browsers                      | 11. Microsoft PowerPoint/Outlook            |
| 4. Configuring Internet Options                     | 12. Quiz 2: Microsoft Office                |
| 5. Project: Determining Browser Controls            | 13. Project: Special Project                |
| 6. Quiz 1: The Internet                             | 14. Unit 3 Test                             |
| 7. Microsoft Word                                   | 15. Course Project Part 3: Microsoft Office |
| 8. Project: Support Tech                            | 16. Glossary and Credits                    |

**FUNDAMENTALS OF COMPUTER SYSTEMS  
UNIT 4: PROTECTING YOURSELF, THE COMPUTER, AND YOUR DATA**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Staying Safe on the Web                           | 9. Project: Creating a Data Security Plan   |
| 2. Project: Be Secure                                | 10. Using the Cloud                         |
| 3. Security Threats to Your Computer                 | 11. Project: Using Cloud Computing Services |
| 4. Security Threat Removal Tools                     | 12. Quiz 2: Data Protection                 |
| 5. Project: Putting Your Computer Skills to the Test | 13. Project: Special Project                |
| 6. Quiz 1: Virus Protection                          | 14. Unit 4 Test                             |
| 7. Managing Your File System                         | 15. Course Project Part 4: Security         |
| 8. Backing Up Your Computer                          | 16. Glossary and Credits                    |

**FUNDAMENTALS OF COMPUTER SYSTEMS  
UNIT 5: TROUBLESHOOTING**

**Assignment Titles**

- |   |   |
|---|---|
| 1. The Computer Management Console  | 8. Project: Preventive Maintenance                |
| 2. Built-in Tools from Windows – Troubleshooting, Help and Support, Remote Assistance | 9. Computers and the Environment                  |
| 3. Project: Troubleshooting Computers   | 10. Supporting the Computer User                  |
| 4. Using the Internet as a Resource   | 11. Project: Providing Good Customer Service      |
| 5. Project: Researching Computer Issues and Solutions                                 | 12. Quiz 2: The Role of the Help Desk             |
| 6. Quiz 1: Troubleshooting Tools and Resources  | 13. Project: Special Project                      |
| 7. Preventive Maintenance   | 14. Unit 5 Test                                   |
|   | 15. Course Project Part 5: Preventive Maintenance |
|   | 16. Glossary and Credits                          |

**FUNDAMENTALS OF COMPUTER SYSTEMS  
UNIT 6: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |                          |         |
|--------------------------|---------|
| 1. Course Project Part 6 | 3. Exam |
| 2. Review                |         |

## FUNDAMENTALS OF DIGITAL MEDIA

### COURSE OVERVIEW

This course gives an overview of the different types of digital media and how they are used in the world today. Students examine the impact that digital media has on culture and lifestyle. The course reviews the basic concepts for creating effective digital media and introduces a number of different career paths that relate to digital media.

Students will examine some tools used to create digital media and discuss best practices in the creating of digital media. This includes an overview of the process used to create new media pieces as well as the basics concepts of project management.

In the course, students will examine the use of social media, digital media in advertising, digital media on the World Wide Web, digital media in business, gaming and simulations, e-commerce, and digital music and movies. Students will review ethics and laws that impact digital media use or creation.

#### Objectives

- Discuss different types of digital media.
- Explain the value of using online video and audio for business.
- Discuss careers in digital media.
- Compare and contrast digital media and traditional forms of media.
- Discuss living in a digital society and the changes resulting from it.
- Discuss project management as a career.
- Describe the evolution of social media.
- Discuss ethics and social media.
- Identify some challenges that the gaming industry will face in the future.
- Compare the different types of computer languages.
- Determine the role digital media plays in globalization.
- Explain the limitations of doing business on the web.
- Describe some different laws that relate to digital media.
- Explain the canons of journalism.
- Describe some expected changes in social media and advertising.
- Determine what type of schooling is necessary for their chosen career.

FUNDAMENTALS OF DIGITAL MEDIA	
UNIT 1: INTRODUCTION TO DIGITAL AND ONLINE MEDIA TYPES	
Assignment Titles	
1. Course Overview	10. Project: Digital Media and Business
2. Digital Camera Basics	11. Best Practices for Digital Media
3. Digital Cameras vs. Mobile Cameras	12. Project: Analyze and Evaluate: Digital Media
4. Project: What Do People Really Know About Digital Media?	13. Quiz 2: Digital Media in Our World
5. The Rise of Digital Libraries	14. Project: Special Project
6. Project: Jobs in Digital Media	15. Unit 1 Test
7. Quiz 1: Digital Media	16. Course Project Part 1: Digital Media Cuts Paper Use
8. Digital Media in Business and Society	17. Glossary and Credits
9. Storing and Sharing Online Media	

**FUNDAMENTALS OF DIGITAL MEDIA**  
**UNIT 2: DIGITAL MEDIA: EFFECTIVENESS AND PRODUCTION**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Traditional Media vs. Digital Media   | 9. Project: Analyze and Evaluate: Web Sites |
| 2. The Rise of a Digital Society   | 10. Media Production: Audio and Video       |
| 3. Project: Research and Write: Is the Internet a Bad Influence on Young People? | 11. Project: Working in the Field           |
| 4. Digital Citizenship   | 12. Quiz 2: Digital Media Production        |
| 5. Project: A Digital Life   | 13. Project: Special Project                |
| 6. Quiz 1: Effectiveness of Digital Media  | 14. Unit 2 Test                             |
| 7. Digital Media Production  | 15. Course Project Part 2: E-waste          |
| 8. Tools for Media Production: Web and Interactive Digital Media                 | 16. Glossary and Credits                    |

**FUNDAMENTALS OF DIGITAL MEDIA**  
**UNIT 3: PROJECT MANAGEMENT AND SOCIAL MEDIA**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Project Management: Project Planning                          | 10. Staying Safe When Using Social Media Sites                     |
| 2. Project: Pet Grooming Web Site                                | 11. Project: Current Event: Cyber Bullying                         |
| 3. Project Management: Project Monitoring                        | 12. Quiz 2: Social Media   |
| 4. Project: Problem Solving                                      | 13. Project: Special Project                                       |
| 5. Project Management: Project Termination                       | 14. Unit 3 Test  |
| 6. Quiz 1: Project Management                                    | 15. Course Project Part 3: Social Media and Environmental Activism |
| 7. Social Media Defined  | 16. Glossary and Credits   |
| 8. Uses of Social Media  |  |
| 9. Project: Research and Learn: Social Media and Problem Solving |  |

**FUNDAMENTALS OF DIGITAL MEDIA**  
**UNIT 4: GAMING, SIMULATIONS, WEB SITES, AND APPS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Video Games and the Video Game Industry                            | 9. Web Pages: Beyond the Basics                 |
| 2. Project: The Game Designer's Presentation                          | 10. Web Pages and E-commerce                    |
| 3. Simulations and Modeling   | 11. Project: Designing an E-commerce Site       |
| 4. Creating Video Games and Simulations                               | 12. Quiz 2: Web Sites and Apps                  |
| 5. Project: New Games 101   | 13. Project: Special Project                    |
| 6. Quiz 1: Gaming and Simulations                                     | 14. Unit 4 Test                                 |
| 7. Creating Web Sites   | 15. Course Project Part 4: Environmental Gaming |
| 8. Project: Research and Learn: Practice your HTML Development Skills | 16. Glossary and Credits                        |

**FUNDAMENTALS OF DIGITAL MEDIA**  
**UNIT 5: TRENDS IN DIGITAL AND ONLINE MEDIA**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Best Practices of Digital Advertisement and Promotion | 9. Project: In the Future, What Will Digital Media Look Like for You? |
| 2. Project: Going Global                                 | 10. Finding a Career that is Right for You                            |
| 3. Digital Media in Advertising                          | 11. Project: Find Your Dream Job and Figure Out How to Land It        |
| 4. Law and Digital Media                                 | 12. Quiz 2: The Future of Digital Media                               |
| 5. Project: Research and Learn: Law and Digital Media    | 13. Project: Special Project  |
| 6. Quiz 1: Digital Business                              | 14. Unit 5 Test   |
| 7. Digital Audio and Video                               | 15. Course Project Part 5: Powering a Digital World                   |
| 8. The Future of Digital Media                           | 16. Glossary and Credits  |

**FUNDAMENTALS OF DIGITAL MEDIA**  
**UNIT 6: COURSE PROJECT, REVIEW, AND EXAM**

**Assignment Titles**

- |  |           |
|--|-----------|
| 1. Course Project Part 6: Digital media and Sustainability | 2. Review |
|  | 3. Exam   |

## FUNDAMENTALS OF PROGRAMMING AND SOFTWARE DEVELOPMENT

### COURSE OVERVIEW

This course will provide students with an understanding of basic software development concepts and practices, issues affecting the software industry, careers within the software industry, and the skills necessary to perform well in these occupations.

Students will learn details about core concepts in programming using Java, including writing and debugging code, proper syntax, flow of control, order of operations, comparison operators, and program logic tools and models. They will learn the function of key program techniques including if statements, looping, and arrays. They will also learn about web development using HTML and drag-and-drop development of user interfaces in an Integrated Development environment.

Students will also learn about the Software Development Life Cycle and the different variations used to create software. They will learn about different programming languages and paradigms. They will learn about the importance of usability and user-centered design processes. Students will also learn about careers in the software industry, the education and skills required to work in the industry, and related career resources. Finally, the capstone project will allow students to explore and state opinions on key issues and trends impacting the software industry, and to learn about the experience of working in the industry.

#### Objectives

- Understand the relationship between computer hardware and software.
- Describe the purpose and high-level organization of the central processing unit.
- Understand categories of software and be able to properly assign software products into the correct category.
- Describe the key functions of systems software.
- Describe the functionality of popular software applications (e.g., word processing, database management, spreadsheet development).
- Understand the function and operation of compilers and interpreters.

#### Fundamentals of Programming and Software Development Course Requirements

For topics in this course, it is helpful for students to be familiar with the basics of using desktop and laptop computers as well as accessing websites over the Internet.

If students are unfamiliar with these topics, it is recommended, though not required, that they familiarize themselves with creating and saving files in a text editing or word processing application and with using web browsers and conducting searches on the Internet.

FUNDAMENTALS OF PROGRAMMING AND SOFTWARE DEVELOPMENT	
UNIT 1: INTRODUCTION TO COMPUTERS	
Assignment Titles	
1. Course Overview	10. Project: Writing Your First Java Program
2. Computer History	11. Java Syntax Overview
3. Project: Computer Generations	12. Project: Hello World! Documentation
4. Introduction to Computer Hardware	13. Quiz 2: How Computers and Programs Think
5. Project: Understanding Hardware	14. Project: Special Project
6. Introduction to Computer Software	15. Unit 1 Test
7. Quiz 1: Perspective and Foundations	16. Course Project Part 1: The Impact of GUI
8. Design and Function of the Central Processing Unit	17. Computing Glossary and Credits
9. Introduction to Java Programming	

**FUNDAMENTALS OF PROGRAMMING AND SOFTWARE DEVELOPMENT  
UNIT 2: PROGRAMMING LANGUAGES**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Introduction to Java Variables                                  | 9. Switch and Case                                      |
| 2. Project: Using Variables in Java                                | 10. Project: Using Switch-Case and Nested If Statements |
| 3. Java Math Operations  | 11. User-Defined Methods                                |
| 4. Project: Using Mathematical and Comparison Operators in Java    | 12. Quiz 2: Branching and Methods                       |
| 5. Operators and Escape Sequences                                  | 13. Project: Special Project                            |
| 6. Quiz 1: Processing Data   | 14. Unit 2 Test   |
| 7. New Data Types and the If Statement                             | 15. Course Project Part 2: Ethics in Programming        |
| 8. Project: Using If and If-Else Statements and Reading User Input | 16. Glossary and Credits                                |

**FUNDAMENTALS OF PROGRAMMING AND SOFTWARE DEVELOPMENT  
UNIT 3: INTRODUCTION TO PROGRAMMING**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Introduction to the For Loop                | 10. Parallel and Multidimensional Arrays                           |
| 2. Project: Grading on a Loop                  | 11. Project: The Logic of Multidimensional Arrays                  |
| 3. Loops—Practice with the Do-While Loop       | 12. Quiz 2: Managing Complex Data                                  |
| 4. Loops—Practice with the While Loop          | 13. Project: Special Project                                       |
| 5. Project: Using Loops in a Guessing Game     | 14. Unit 3 Test  |
| 6. Quiz 1: Loops—Power and Simplicity          | 15. Course Project Part 3: The Life of a Software or Web Developer |
| 7. Arrays—Syntax and Use                       | 16. Glossary and Credits   |
| 8. Arrays—Passing by Reference                 |  |
| 9. Project: Professional Associations Research |  |

**FUNDAMENTALS OF PROGRAMMING AND SOFTWARE DEVELOPMENT  
UNIT 4: CONTROL BLOCKS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Classes and Objects                     | 9. HTML Images, Links, and Web Development Tools   |
| 2. Project: The Importance of Usability    | 10. Project: Your Favorite Recipe – On a Web Page  |
| 3. Constructors and Packages               | 11. Event-Driven Programming and Visual Basic      |
| 4. Project: Creating Packages              | 12. Quiz 2: Interactive and Graphical Programming  |
| 5. Flowcharts Mapping                      | 13. Project: Special Project                       |
| 6. Quiz 1: Program Components and Logic    | 14. Unit 4 Test                                    |
| 7. HTML Basics                             | 15. Course Project Part 4: Open-Source Programming |
| 8. Project: A Web Page Essay About the Web | 16. Glossary and Credits                           |

**FUNDAMENTALS OF PROGRAMMING AND SOFTWARE DEVELOPMENT  
UNIT 5: GUI PROGRAMMING AND WEB APPLICATIONS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Software Development Life Cycle                  | 9. Software Industry Careers                               |
| 2. Project: Planning a Software Development Project | 10. Project: Planning Your Computer Science Degree Program |
| 3. Programming Languages                            | 11. New Trends and Technologies                            |
| 4. User-Centered Software Design                    | 12. Quiz 2: Preparing for a Career in Software Development |
| 5. Project: User-Testing a Product Prototype        | 13. Project: Special Project                               |
| 6. Quiz 1: Creating Software Products               | 14. Unit 5 Test  |
| 7. Skills and Interests for Software Careers        | 15. Course Project Part 5: Impacts of Future Technologies  |
| 8. Project: Taking Stock                            | 16. Glossary and Credits                                   |

**FUNDAMENTALS OF PROGRAMMING AND SOFTWARE DEVELOPMENT  
UNIT 6: COURSE PROJECT, REVIEW, AND EXAM**

**Assignment Titles**

- |   |           |
|---|-----------|
| 1. Course Project Part 6: Issues and Experiences in the World of Software Development | 2. Review |
|   | 3. Exam   |

## INTRODUCTION TO INFORMATION TECHNOLOGY SUPPORT AND SERVICES

### COURSE OVERVIEW

This course focuses on real-world application including common industry best practices and specific vendors that offer tools for technicians, project managers, and IT leadership. Emphasis should be made that the purpose of the IT department of an enterprise is to support the overall mission of the company, and it is not simply a standalone component of the company's infrastructure. Students will continue to apply their knowledge of hardware and software components associated with IT systems while exploring a variety of careers related to IT support and services. Students will analyze technical support needs to perform customer service, perform configuration management activities, and evaluate application software packages and emerging software. Students will demonstrate and apply knowledge of IT analysis and design by initiating a system project and evaluating applications within the IT system. Information Technology is a dynamic discipline that is continuously evolving.

You will also find these objectives at the beginning of each lesson under "Lesson Expectations."

#### Objectives

- Explore systems design and implementation.
- Investigate the implementation and maintenance of IT infrastructure.
- Review the basics of management collaboration and reporting.
- Discuss education and careers in IT and how to pursue such a career.

INTRODUCTION TO INFORMATION TECHNOLOGY SUPPORT AND SERVICES UNIT 1: SYSTEM DESIGN AND IMPLEMENTATION	
Assignment Titles	
1. Course Overview	9. Public Clouds
2. Supporting the Business Workflow Model	10. Project: Moving to the Cloud
3. Project: Understanding Software Development Models	11. Private Clouds
4. Operating Systems, Hardware, and Software Selection	12. Hybrid Clouds
5. Project: Building a Mind Map	13. Project: Companies in the Hybrid Cloud
6. Implementation and End-User Training	14. Quiz 2: Cloud-Based Systems
7. Project: Preparing a Support Plan	15. Project: Special Project
8. Quiz 1: On-Premise Systems	16. Unit 1 Test
	17. Course Project Part 1: Creating an IT Service and Support Project from Scratch
	18. Glossary and Credits

INTRODUCTION TO INFORMATION TECHNOLOGY SUPPORT AND SERVICES UNIT 2: SYSTEM MAINTENANCE	
Assignment Titles	
1. Anti-malware	10. Hardware and Software Redundancy-3
2. Patch Management	11. Project: Selecting Storage Area Networking Products
3. Project: Patch Management Project	12. Quiz 2: Disaster Recovery
4. Network Vulnerabilities	13. Project: Special Project
5. Project: Hackers	14. Unit 2 Test
6. Quiz 1: Security	15. Course Project Part 2: Specifying Software
7. Hardware and Software Redundancy-1	16. Glossary and Credits
8. Hardware and Software Redundancy-2	
9. Project: Disaster!	

**INTRODUCTION TO INFORMATION TECHNOLOGY SUPPORT AND SERVICES  
UNIT 3: END-USER SUPPORT**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Types of Help Desk Systems and Support  | 10. Building a Knowledge Base                     |
| 2. Project: Training for a Service Desk  | 11. Project: Creating a Knowledge Management Site |
| 3. Resolution Methodologies for Help Desks   | 12. Quiz 2: Ticketing System / Knowledge Base     |
| 4. Project: Branding and Customer Service  | 13. Project: Special Project                      |
| 5. Customer Service  | 14. Unit 3 Test                                   |
| 6. Quiz 1: Helpdesk  | 15. Course Project 3: How, How Much, and When?    |
| 7. Ticketing Systems   | 16. Glossary and Credits                          |
| 8. Protocols and Procedures  |   |
| 9. Project: From Plato to Technical Support, a Paper on Problem Solving in History |   |

**INTRODUCTION TO INFORMATION TECHNOLOGY SUPPORT AND SERVICES  
UNIT 4: MANAGEMENT COLLABORATION AND REPORTING**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Working with the Management Team                | 10. Project Management Applications                               |
| 2. Project: Role-playing Senior Management Meeting | 11. Project: Creating a Project in Open Project                   |
| 3. Departmental Reporting                          | 12. Quiz 2: Leading Technology Projects                           |
| 4. Project: Role-playing with Departmental Reports | 13. Project: Special Project                                      |
| 5. Emerging Technologies                           | 14. Unit 4 Test   |
| 6. Quiz 1: Management Collaboration and Reporting  | 15. Course Project Part 4: Management Collaboration and Reporting |
| 7. Creating and Managing an IT Project             | 16. Glossary and Credits  |
| 8. Project: Create a Feasibility Study             |   |
| 9. Managing IT Projects                            |   |

**INTRODUCTION TO INFORMATION TECHNOLOGY SUPPORT AND SERVICES  
UNIT 5: CONTINUING EDUCATION AND CAREER OPPORTUNITIES**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Pursuing Technical Education                               | 9. Off-Premise (Outsource) IT Support           |
| 2. Technical Education Degree Programs                        | 10. Consultant/Educator                         |
| 3. Project: Take a Free Course in Computing                   | 11. Project: Imagining a Consulting Practice    |
| 4. On-the-Job Training  | 12. Quiz 2: Emerging Trends                     |
| 5. Project: Developing a Personal Syllabus                    | 13. Project: Special Project                    |
| 6. Quiz 1: Continuing Education                               | 14. Unit 5 Test                                 |
| 7. On-Premise (Insource) IT Support                           | 15. Course Project Part 5: Presenting your plan |
| 8. Project: Understanding Job Requirements and Certifications | 16. Glossary and Credits                        |

**INTRODUCTION TO INFORMATION TECHNOLOGY SUPPORT AND SERVICES  
UNIT 6: COURSE REVIEW, AND EXAM**

**Assignment Titles**

- |   |           |
|---|-----------|
| 1. Course Project Part 6: Describing What You Learned | 2. Review |
|   | 3. Exam   |



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## INTRODUCTION TO INFORMATION TECHNOLOGY

### COURSE OVERVIEW

In this course, we introduce students to the knowledge base and technical skills that will help them to successfully compete for jobs within the Information Technology Career Cluster. Lessons are structured so that students learn and then demonstrate not only critical assessment and analytic skills, but also interpersonal skills that are valued so highly among IT employers.

We explore a range of career tracks that include network engineers, application/programming developers, and systems analysts. These career paths are described in depth, discussing typical job responsibilities, educational and licensure requirements, working conditions, and job outlooks.

Our lessons help students place the evolution of technology and job opportunities in context so that they will understand their important role in furthering its development. We believe that the most successful IT professionals combine technical know-how with leadership ability. To this end, students learn that their acquired expertise comes with the responsibility to represent themselves and the companies they work for within the highest legal and ethical standards.

#### Objectives

- Identify the basic components and structure of a computer system and its use within a networking/communications environment.
- Design and implement a basic network while being introduced to multiple types of network systems.
- Apply both ethical and industry standard security policies to networks.
- Discuss the history and development and use of the Internet in business and society.
- Explain the development of human-centered technology interaction.
- Apply mobile computing technology capabilities to learning and business.
- Identify the variety of operating systems found on desktops, laptops, and mobile devices.
- Understand mobile application architecture, deployment, and marketing.
- Determine best practice application skills for the variety of information technology systems available to implement.
- Plan, develop, and implement an information system.
- Maximize use of the Internet within the home and business.
- Identify the structure of wireless communication networks and the mechanisms behind its functionality.
- Identify and develop protocols for use of the Internet within business.
- Identify and develop information system libraries and repositories of information.
- Develop an understanding of the logic behind object-oriented programming.
- Identify the multiple programming languages for use in mobile/Internet application development.
- Plan, develop, and implement a mobile/Internet application.

**INTRODUCTION TO INFORMATION TECHNOLOGY  
UNIT 1: HARDWARE AND COMMUNICATIONS TECHNOLOGY INTRODUCTION**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Course Overview  | 9. Human-Centered Technology                 |
| 2. Computer Systems and Networks  | 10. Project: Biometrics Report               |
| 3. Network Ethics and Security  | 11. Mobile Computing                         |
| 4. Project: Benefit Analysis Study: Small Business Expansion                    | 12. Project: Geocache Treasure Hunt          |
| 5. Information Storage  | 13. Quiz 2: Internet in Business and Society |
| 6. Project: Correspondence Between Stringer and Newspaper Editor: Media Preview | 14. Project: Special Project                 |
| 7. Quiz 1: Computer Systems and Networks  | 15. Unit 1 Test                              |
| 8. Internet in Business and Society   | 16. Course Project Part 1: Capstone Project  |
|   | 17. Glossary and Credits                     |

**INTRODUCTION TO INFORMATION TECHNOLOGY  
UNIT 2: OPERATING SYSTEMS, SYSTEM SOFTWARE, MOBILE APPLICATIONS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Computer, Server, and Mobile Operating Systems                    | 8. Project: Mobile App Development  |
| 2. Project: Similarities/Differences Chart: School Operating Systems | 9. Applications vs. Software  |
| 3. Operating Systems vs. System Software                             | 10. The Mobile Application Business                                       |
| 4. Battle of the Operating Systems                                   | 11. Project: Market Research Comparison/Contrast Matrix – Free Mobile App |
| 5. Project: PowerPoint Presentation: Smart Phone Preference Survey   | 12. Quiz 2: Mobile Application Development                                |
| 6. Quiz 1: Operating Systems and System Software                     | 13. Project: Special Project  |
| 7. Mobile Application Development and Implementation                 | 14. Unit 2 Test   |
|  | 15. Course Project Part 2: Capstone Project                               |
|  | 16. Glossary and Credits  |

**INTRODUCTION TO INFORMATION TECHNOLOGY  
UNIT 3: INTRODUCTION TO INFORMATION SYSTEMS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. What is an Information System?              | 10. Implementing Information Systems                        |
| 2. Project: Building a Local GIS               | 11. Project: On the Job: System Developer                   |
| 3. Types of Information Systems                | 12. Quiz 2: Developing and Implementing Information Systems |
| 4. Jobs in Information Systems                 | 13. Project: Special Project                                |
| 5. Project: Career Day Presentation            | 14. Unit 3 Test   |
| 6. Quiz 1: Introduction to Information Systems | 15. Course Project Part 3: Capstone Project                 |
| 7. Planning Information Systems                | 16. Glossary and Credits                                    |
| 8. Project: Strategic Report                   |   |
| 9. Developing Information Systems              |   |

**INTRODUCTION TO INFORMATION TECHNOLOGY  
UNIT 4: INTERNET UTILIZATION AND INFORMATION LITERACY**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Internet Use in Home and Business              | 9. Information Library Systems                    |
| 2. Project: School Internet Policies Report       | 10. Jobs in Information Literacy                  |
| 3. Security on the Internet                       | 11. Project: Digital Library Research             |
| 4. Project: Comparison Shopping Report            | 12. Quiz 2: Internet Best Practices and Protocols |
| 5. Cloud Computing                                | 13. Project: Special Project                      |
| 6. Quiz 1: Internet Use in Home and Business      | 14. Unit 4 Test                                   |
| 7. Internet Best Practices and Protocols          | 15. Course Project Part 4: Capstone Project       |
| 8. Project: Search Strategy and Intelligent Agent | 16. Glossary and Credits                          |

**INTRODUCTION TO INFORMATION TECHNOLOGY  
UNIT 5: MOBILE APPLICATION PROGRAMMING AND PRODUCTIVITY**

**Assignment Titles**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Mobile Application Construction</li> <li>2. Project: Flowcharts for Free-to-Play and Pay-to-Play Versions of a Travel Game App</li> <li>3. Mobile Application Programming</li> <li>4. The Business of Mobile Application Development</li> <li>5. Project: Compare/Contrast Report: Contract Versus Salaried Mobile App Development Jobs</li> <li>6. Quiz 1: Mobile Application Construction and Programming</li> <li>7. Mobile Application Development Project Management</li> </ol> | <ol style="list-style-type: none"> <li>8. Project: Compare/Contrast Report: Five Mobile Operating Platforms</li> <li>9. Tools of the Trade</li> <li>10. Outsourcing vs. In-House Development</li> <li>11. Project: Design a Work-Around; Role-Playing Panel</li> <li>12. Quiz 2: Mobile Application Development</li> <li>13. Project: Special Project</li> <li>14. Unit 5 Test</li> <li>15. Course Project Part 5: Capstone Project</li> <li>16. Glossary and Credits</li> </ol> |
|--|--|

**INTRODUCTION TO INFORMATION TECHNOLOGY  
UNIT 6: COURSE PROJECT, REVIEW, AND EXAM**

**Assignment Titles**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Course Project Part 6: Capstone Project</li> <li>2. Review</li> </ol> | <ol style="list-style-type: none"> <li>3. Exam</li> </ol> |
|---|---|

## INTRODUCTION TO NETWORK SYSTEMS

### COURSE OVERVIEW

How can we automate the transfer of information from one computer to another? To answer that question, this course introduces students to the fundamental technology and concepts that make networking systems possible. The question itself is a very practical one and the concepts taught are more concerned with practices and processes rather than theoretical generalities.

The most important concept introduced is that of the OSI reference model and its bottom four layers, which are most directly concerned with networking instead of computing. Each networking layer is explored in a three-lesson chapter. By the end of the course, every student should be comfortable reading a sentence that says something like, "X is a protocol working at the third layer."

The course also explores a good deal of technology, specifically the software and hardware supporting LANs, WANs, and Wi-Fi networks. Particularly important are the protocols in the TCP/IP stack that are used to communicate across a network, but the students are also introduced to the hardware, including hubs, switches, bridges, routers, and transmission media. The student is expected to learn that a network is not some mysterious idea out there in cyberspace. It is a mechanism that is fully dependent on its parts working properly.

Once the students understand the fundamentals of the layers and network hardware, they can be introduced to questions of security, network management, and network operating systems. In particular, they should understand the role of the server. They have already encountered many examples of client-server relationships, and the material later in the course should introduce them to the many roles that a server can play as a part of a network.

#### Objectives

- State the purpose of a computer network, and explain the role of network hardware in achieving that purpose;
- List at least four protocols from the TCP/IP stack and explain how each contributes to data transmission;
- Explain the technical differences between a LAN and a WAN;
- Explain the importance of technical standards in networks;
- List all seven layers of the OSI reference model and explain what each of the bottom four layers contributes to a network;
- Compare and contrast the Windows Server and Linux operating systems.

Students who are unfamiliar with computers and/or the Internet are likely to be at a disadvantage in this course. There are, however, no theoretical concepts required or expected for students entering the course.

INTRODUCTION TO NETWORK SYSTEMS	
UNIT 1: NETWORKING FUNDAMENTALS	
Assignment Titles	
1. Course Overview	10. Project: Slide Show: Networking Layers
2. Networking Concepts	11. Data Encapsulation
3. Project: Report: Technology Devices	12. Project: Slide Show: Data Encapsulation
4. Network Devices and Components	13. Quiz 2: OSI and TCP/IP Networking Models
5. Network Topologies	14. Project: Special Project
6. Project: Hardware Awareness	15. Unit 1 Test
7. Quiz 1: Computer Networks	16. Course Project Part 1: Uses of a Small Business
8. The OSI Reference Model	Network
9. The TCP/IP Networking Model	17. Glossary and Credits

**INTRODUCTION TO NETWORK SYSTEMS  
UNIT 2: NETWORK ACCESS CONCEPTS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Physical Layer: Transmission Media, Properties, and Components           | 8. Components of the Data-link Layer            |
| 2. Project: The Physical Layer  | 9. Project: FAQ: A Data-Link Sublayer           |
| 3. Fundamentals of Electrical Circuits: Signaling and Circuit Configuration | 10. Data-link Layer Devices                     |
| 4. Network Security at the Physical Layer                                   | 11. Project: Video: Data-Link Hardware          |
| 5. Project: Under Attack  | 12. Quiz 2: Data Link Layer Networking Concepts |
| 6. Quiz 1: Physical Layer Networking Concepts                               | 13. Project: Special Project                    |
| 7. The Data-Link Layer  | 14. Unit 2 Test                                 |
|   | 15. Course Project Part 2: Physical Standards   |
|   | 16. Glossary and Credits                        |

**INTRODUCTION TO NETWORK SYSTEMS  
UNIT 3: LOCAL AREA NETWORKS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. LAN Fundamentals                        | 10. Transport Layer Protocols                              |
| 2. Project: Proposal: Classroom LAN        | 11. Project: Slide Show: Sending/Receiving a Communication |
| 3. Ethernet LANs                           | 12. Quiz 2: Network, Transport, and Application Layers     |
| 4. Wireless LANs                           | 13. Project: Special Project                               |
| 5. Project: Video: Value of Hotspots       | 14. Unit 3 Test  |
| 6. Quiz 1: LAN Components and Technologies | 15. Course Project Part 3: Internet Connection             |
| 7. Network Addressing                      | 16. Glossary and Credits                                   |
| 8. Project: Table: IP Addresses            |  |
| 9. Network Routing and Protocols           |  |

**INTRODUCTION TO NETWORK SYSTEMS  
UNIT 4: WIDE AREA NETWORKS AND SECURING THE NETWORK**

**Assignment Titles**

- |  |                                      |
|--|--------------------------------------|
| 1. WAN Fundamentals                              | 9. Network Threats and Mitigation    |
| 2. Project: FAQ: WAN Connections                 | 10. Project: Policy: Password Policy |
| 3. WAN Technologies and Protocols                | 11. Physical and Hardware Security   |
| 4. WAN Transmission Media                        | 12. Quiz 2: Network Security         |
| 5. Project: Slideshow: Fiber Optics              | 13. Project: Special Project         |
| 6. Quiz 1: Wide Area Networks                    | 14. Unit 4 Test                      |
| 7. Authentication and Access Controls            | 15. Course Project Part 4: Security  |
| 8. Project: FAQ: Public Key Infrastructure (PKI) | 16. Glossary and Credits             |

**INTRODUCTION TO NETWORK SYSTEMS  
UNIT 5: MANAGING THE NETWORK**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Managing and Monitoring the Network            | 10. The Linux Operating System                          |
| 2. Project: Slide Show: Management                | 11. Project: Report: Network Wish List                  |
| 3. Network Troubleshooting                        | 12. Quiz 2: Network Operating Systems                   |
| 4. Project: FAQ: Utilities                        | 13. Project: Special Project                            |
| 5. Software and Hardware Troubleshooting Tools    | 14. Unit 5 Test   |
| 6. Quiz 1: Network Management and Troubleshooting | 15. Course Project Part 5: Servers and Operating System |
| 7. The Server in a Network                        | 16. Glossary and Credits                                |
| 8. Project: Diagram: Web Email Service            |   |
| 9. Networking with Windows                        |   |

**INTRODUCTION TO NETWORK SYSTEMS  
UNIT 6: COURSE REVIEW, AND EXAM**

**Assignment Titles**

- |  |           |
|--|-----------|
| 1. Course Project Part 6: Slide show: Introducing Your Network | 2. Review |
|  | 3. Exam   |

## KEYBOARDING AND APPLICATIONS

### COURSE OVERVIEW

Keyboarding and Applications is a semester-long elective that teaches students keyboarding skills, technical skills, effective communication skills, and productive work habits. In this course, students will learn about proper keyboarding technique. Once students have been introduced to keyboarding skill, lessons will include daily practice of those skills. Students will gain an understanding of computer hardware, operating systems, file management, and the Internet. In addition, they will apply their keyboarding skills and create a variety of business documents, including word processing documents and electronic presentations.

This course provides key knowledge and skills in the following areas:

1. Computer Hardware
2. Keyboarding
3. Operating Systems
4. Word Processing
5. Electronic Presentations
6. Internet
7. Job Skills

By the end of the course, the student should be able to do the following:

- Identify various technologies, current and emerging.
- Select the appropriate technology to complete a task.
- Use the computer's operating system to execute work responsibilities.
- Demonstrate proper keyboarding technique.
- Improve speed and accuracy of keyboarding skills.
- Create word-processing documents with columns, graphics, and bulleted lists.
- Create and deliver an effective presentation following presentation guidelines.
- Effectively navigate the Internet and search for information.
- Evaluate a Web site in terms of reliability.
- Demonstrate communication skills for obtaining and conveying information.
- Send and receive information using electronic mail, following appropriate guidelines.

KEYBOARDING AND APPLICATIONS UNIT 1: COMPUTER HARDWARE	
Assignment Titles	
1. Course Overview	10. Quiz 2: Business Solutions
2. Hardware and Software	11. Alternate Quiz 2—Form A: Business Solutions
3. Current Business Technology	12. Alternate Quiz 2—Form B: Business Solutions
4. Quiz 1: Overview of Hardware and Software	13. Project: Technology in Business
5. Alternate Quiz 1—Form A: Overview of Hardware and Software	14. Special Project
6. Alternate Quiz 1—Form B: Overview of Hardware and Software	15. Review
7. Case Studies	16. Test
8. Emerging Technology	17. Alternate Test—Form A
9. Project: Defining Technical Terms	18. Alternate Test—Form B
	19. Glossary and Credits

**KEYBOARDING AND APPLICATIONS  
UNIT 2: KEYBOARDING**

**Assignment Titles**

- |                                |                           |
|--------------------------------|---------------------------|
| 1. Keyboarding Pretest         | 7. Review                 |
| 2. Keyboarding Exercises       | 8. Test                   |
| 3. Number Keypad               | 9. Alternate Test—Form A  |
| 4. Keyboarding Practice        | 10. Alternate Test—Form B |
| 5. Project: Timed Typing Tests | 11. Glossary and Credits  |
| 6. Special Project             |                           |

**KEYBOARDING AND APPLICATIONS  
UNIT 3: COMPUTER OPERATING SYSTEMS**

**Assignment Titles**

- |  |                                    |
|--|------------------------------------|
| 1. What Is an Operating System?                  | 8. Project: Customize Your Desktop |
| 2. Getting Started—Exploring the Desktop         | 9. Special Project                 |
| 3. Using the Interface                           | 10. Review                         |
| 4. File Management                               | 11. Test                           |
| 5. Quiz 1: Operating Systems and File Management | 12. Alternate Test—Form A          |
| 6. Alternate Quiz 1—Form A: Keyboarding Skills   | 13. Alternate Test—Form B          |
| 7. Alternate Quiz 1—Form B: Keyboarding Skills   | 14. Glossary and Credits           |

**KEYBOARDING AND APPLICATIONS  
UNIT 4: WORD PROCESSING**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Word Processing Basics                                   | 11. Project: Creating a Newsletter             |
| 2. Writing and Editing a Document                           | 12. Quiz 2: Keyboarding Skills                 |
| 3. Project: Creating a Memo                                 | 13. Alternate Quiz 2—Form A: Keyboarding Skill |
| 4. Formatting   | 14. Alternate Quiz 2—Form B: Keyboarding Skill |
| 5. Project: Writing Assignment                              | 15. Special Project                            |
| 6. Quiz 1: Introduction to Word Processing                  | 16. Review                                     |
| 8. Alternate Quiz 1—Form A: Introduction to Word Processing | 17. Test                                       |
| 9. Alternate Quiz 1—Form B: Introduction to Word Processing | 18. Alternate Test—Form A                      |
| 10. Copying, Cutting, and Pasting Newsletters               | 19. Alternate Test—Form B                      |
|   | 20. Glossary and Credits                       |

**KEYBOARDING AND APPLICATIONS  
UNIT 5: PRESENTATION TECHNOLOGY**

**Assignment Titles**

- |  |  |
|--|--|
| 1. What is Presentation Technology?                                    | 13. Layout   |
| 2. How is Presentation Technology Used?                                | 14. Putting It All Together                        |
| 3. Quiz 1: An Introduction to Presentation Technology                  | 15. Quiz 3: Presentation Planning                  |
| 4. Alternate Quiz 1—Form A: An Introduction to Presentation Technology | 16. Alternate Quiz 3—Form A: Presentation Planning |
| 5. Alternate Quiz 1—Form B: An Introduction to Presentation Technology | 17. Alternate Quiz 3—Form B: Presentation Planning |
| 6. Working with Text   | 18. Project: Creating a Presentation               |
| 7. Working with Graphics   | 19. Special Project                                |
| 8. Working with Special Effects  | 20. Review   |
| 9. Quiz 2: Presentation Guidelines                                     | 21. Test   |
| 10. Alternate Quiz 2—Form A: Presentation Guidelines                   | 22. Alternate Test—Form A                          |
| 11. Alternate Quiz 2—Form B: Presentation Guidelines                   | 23. Alternate Test—Form B                          |
| 12. Content  | 24. Glossary and Credits                           |

**KEYBOARDING AND APPLICATIONS  
UNIT 6: INTERNET**

**Assignment Titles**

- |  |                           |
|--|---------------------------|
| 1. Internet Browsers                                   | 8. Special Project        |
| 2. Internet Strategies                                 | 9. Review                 |
| 3. Finding Reliable Internet Resources                 | 10. Test                  |
| 4. Quiz: Introduction to the Internet                  | 11. Alternate Test—Form A |
| 5. Alternate Quiz—Form A: Introduction to the Internet | 12. Alternate Test—Form B |
| 6. Alternate Quiz—Form B: Introduction to the Internet | 13. Glossary and Credits  |
| 7. Project: The History of the Internet                |                           |

**KEYBOARDING AND APPLICATIONS  
UNIT 7: COMMUNICATION SKILLS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. What is Presentation Technology?                                    | 13. Layout   |
| 2. How is Presentation Technology Used?                                | 14. Putting It All Together                        |
| 3. Quiz 1: An Introduction to Presentation Technology                  | 15. Quiz 3: Presentation Planning                  |
| 4. Alternate Quiz 1—Form A: An Introduction to Presentation Technology | 16. Alternate Quiz 3—Form A: Presentation Planning |
| 5. Alternate Quiz 1—Form B: An Introduction to Presentation Technology | 17. Alternate Quiz 3—Form B: Presentation Planning |
| 6. Working with Text   | 18. Project: Creating a Presentation               |
| 7. Working with Graphics   | 19. Special Project                                |
| 8. Working with Special Effects  | 20. Review   |
| 9. Quiz 2: Presentation Guidelines                                     | 21. Test   |
| 10. Alternate Quiz 2—Form A: Presentation Guidelines                   | 22. Alternate Test—Form A                          |
| 11. Alternate Quiz 2—Form B: Presentation Guidelines                   | 23. Alternate Test—Form B                          |
| 12. Content  | 24. Glossary and Credits                           |

**KEYBOARDING AND APPLICATIONS  
UNIT 8: COURSE REVIEW AND EXAM**

**Assignment Titles**

- |           |                          |
|-----------|--------------------------|
| 1. Review | 3. Alternate Test—Form A |
| 2. Exam   | 4. Alternate Test—Form B |



## NETWORK SYSTEM DESIGN

### COURSE OVERVIEW

The Network System Design course will provide students with an understanding of computer networks and how they operate, as well as a basic understanding of how to manage and maintain computer networks. These skills will provide students with the ability to design, configure, and troubleshoot networks of all sizes.

Students will learn the basics of network design, including how to identify network requirements and determine the proper network architecture. They will be instructed on the requirements of network models, as well as be introduced to local area networks. Students will also learn about Internet Protocol and the basics of routing data on a network.

Students will be introduced to wide area networks and network security issues. In addition, students will learn about network management, including monitoring and troubleshooting. Last, students will learn about network operating systems and their role in connecting computers and facilitating communications.

#### Objectives

- Understand computer networks and their functions, as well as know how to analyze business and technical goals of a network to effectively meet customer needs.
- Identify requirements to successfully support network users, applications, and devices. They will also understand network architecture and topology, protocols, and services of local and wide area networks.
- Identify principles and operation of equipment like wire and circuits, as well as of standards such as open system interconnection, TCP/IP, and high-speed networking.
- Demonstrate knowledge of security requirements and data protection on a network, as well as the role of security tools such as routers, firewalls, and virtual private networks.
- Understand network operating systems and be able to support computer networks.

For topics in this course, it is helpful for students to be familiar with the basics of computer hardware (desktop and laptop), as well as desktop operating systems.

If students are not familiar with these topics, it is recommended, though not required, that they be introduced to computer hardware and desktop or workstation operating systems before starting this course. That includes examining hardware devices such as motherboards, hard drives, and processing chips and exploring the features and functions of a workstation operating system.

<b>NETWORK SYSTEM DESIGN</b>	
<b>UNIT 1: INTRODUCTION TO NETWORK DESIGN</b>	
<b>Assignment Titles</b>	
1. Course Overview	10. Logical Network Design – Addressing and Routing Protocols
2. Customer Needs and Goals	11. Project: Exploring Higher Math
3. Project: Designing a Business Network	12. Network Architectural Models – Topologies and Classifications
4. Network Design: Network Infrastructure	13. Quiz 2: Network Architecture
5. Network Design: Physical and Functional Network Requirements	14. Project: Special Project
6. Project: Office Planning	15. Unit 1 Test
7. Quiz 1: Network Requirements	16. Course Project Part 1: Physical and Functional Requirements of a Network
8. Network Architecture Components – Physical and Functional	17. Glossary and Credits
9. Project: Connecting Physical to Function	

**NETWORK SYSTEM DESIGN**  
**UNIT 2: NETWORKING MODELS AND LOCAL AREA NETWORKS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. The Network Reference Models                         | 9. Project: State Your Case, Argue For Each                                       |
| 2. Project: Port Sniffing                               | 10. Wireless LANs and Security  |
| 3. The OSI Networking Model                             | 11. Project: Playing With Wireless  |
| 4. The TCP/IP Networking Model                          | 12. Quiz 2: Local Area Networks – Topologies, Transmission Media and Technologies |
| 5. Project: Researching TCP/IP                          | 13. Project: Special Project  |
| 6. Quiz 1: TCP/IP and OSI Networking – The Fundamentals | 14. Unit 2 Test   |
| 7. LAN Fundamentals: Media, Topologies and Protocols    | 15. Course Project Part 2: Local Area Network                                     |
| 8. LAN Technologies: Ethernet                           | 16. Glossary and Credits  |

**NETWORK SYSTEM DESIGN**  
**UNIT 3: INTERNET PROTOCOL (IP): ADDRESSING AND ROUTING**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Addressing Fundamentals                             | 8. IP Routing Protocols: Distance Vector Routing |
| 2. IP Address: Classful Addressing                     | 9. Project: Routing Tables                       |
| 3. Project: IP Address Ranges and Subnetting           | 10. IP Routing Protocols: Link State Routing     |
| 4. Subnetting, Supernetting and Classless Addressing   | 11. Project: Router Security                     |
| 5. Project: Researching Classless Inter-Domain Routing | 12. Quiz 2: IP Routing                           |
| 6. Quiz 1: IP Addressing                               | 13. Project: Special Project                     |
| 7. Routing Basics                                      | 14. Unit 3 Test                                  |
|  | 15. Course Project Part 3: Internet Protocol     |
|  | 16. Glossary and Credits                         |

**NETWORK SYSTEM DESIGN**  
**UNIT 4: WIDE AREA NETWORKS AND NETWORK SECURITY**

**Assignment Titles**

- |   |   |
|---|---|
| 1. WAN Concepts                                 | 9. Network Security Threats                 |
| 2. WAN Technologies                             | 10. Network Security Techniques             |
| 3. Project: Connecting to the Internet Backbone | 11. Project: Analyzing Network Security     |
| 4. WAN Configuration                            | 12. Quiz 2: Network Security                |
| 5. Project: What Do All These Boxes Look Like?  | 13. Project: Special Project                |
| 6. Quiz 1: Wide Area Networks                   | 14. Unit 4 Test                             |
| 7. Understanding Network Security               | 15. Course Project Part 4: Network Security |
| 8. Project: Creating a Network Security Policy  | 16. Glossary and Credits                    |

**NETWORK SYSTEM DESIGN**  
**UNIT 5: NETWORK MANAGEMENT AND NETWORK OPERATING SYSTEMS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Network Management Design                        | 9. The Windows Server                                   |
| 2. Project: Designing a Network Management Plan     | 10. The Linux Operating System                          |
| 3. Network Management Architecture                  | 11. Project: Installing and Using Linux OS              |
| 4. Network Management Tools and Protocols           | 12. Quiz 2: Network Operating Systems                   |
| 5. Project: Using Network Troubleshooting Tools     | 13. Project: Special Project                            |
| 6. Quiz 1: Network Management Strategies and Design | 14. Unit 5 Test   |
| 7. Network Operating Systems                        | 15. Course Project Part 5: Network Management Protocols |
| 8. Project: Researching Network Operating Systems   | 16. Glossary and Credits                                |

**NETWORK SYSTEM DESIGN**  
**UNIT 6: COURSE REVIEW, AND EXAM**

**Assignment Titles**

- |  |         |
|--|---------|
| 1. Course Project Part 6: Network Administration | 3. Exam |
| 2. Review  |         |

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**NEW APPLICATIONS: WEB DEVELOPMENT IN THE 21<sup>ST</sup> CENTURY****COURSE OVERVIEW**

New Applications introduces students to the rapidly evolving world of apps, or applications. The introduction of the Apple II in 1977 followed by the IBM PC and scores of compatible computers just four years later created strong consumer demand for software programs, as these applications were referred to at the time. Capable of formatting spreadsheets, composing and proofing hundreds of lines of text, or supporting classroom instruction, computer programs were initially sold by specialty stores, college bookstores, or through the mail.

The explosive growth of the Internet that followed at the beginning of the twenty-first century with the introduction of high-speed networking, the dynamic World Wide Web, and most recently the development of affordable smartphones and web tablets have all contributed to global, cultural, and societal change.

This course begins with a historical tour of the Internet and World Wide Web as well as the programs and applications that made it possible for computer users on every continent to begin to explore and better understand their world. Then, through a step-by-step introduction to WordPress, students gain the tools and insight necessary to create their own web pages and discover their online voice.

In addition to learning how to use WordPress and other applications that promote students' presence on the World Wide Web, this course discusses how the web has become the foremost channel for the distribution of applications that increase the functionality of the web and support a global hub of social networking and communication. Students are introduced to the evolution of networking and data-transfer capabilities beginning with early HTTP protocols continuing through to the recent introduction of smartphones capable of connecting to sites on the World Wide Web without having to rely on a browser for navigation.

The course concludes with a survey of the continuing explosion of new apps, or applications, designed to operate on one or more of the proprietary mobile devices (smartphones, tablets, and netbooks). Students are given an opportunity to track fundamental changes in this growing industry as development has moved from the original model of a single experienced programmer developing a single app for distribution at little or no cost to a model in which retailers, non-profit organizations, government agencies, and Fortune 500 companies contract with mid-sized marketing and communications firms to develop sophisticated apps designed to raise global market and public awareness of institutions and issues. Additionally, students have an opportunity to understand that career opportunities in app development have evolved from programming and coding to now include marketing, public relations, creative arts, project and product management and sales, with a growing number of careers in the industry requiring little if any actual programming experience.

New Applications is a survey course that travels from the first software programs developed to facilitate communication on the Internet to the new generation of mobile and native apps that access the Internet without a reliance on a web browser. New Applications is also a practical course in how to develop a presence on the World Wide Web using WordPress and other available web-application tools. The goal of the course is to provide the learner insight into the rapidly evolving universe of programming and application development so that he or she can make informed career decisions in an industry that is changing as quickly as it is growing.

**Objectives**

- Describe major advances in network and communications technology beginning with the early Internet and continuing through the introduction of web-enabled smartphones and other devices.
- Create a web presence using simple applications.
- Evaluate and select from a variety of web development tools and apps those most appropriate for their interests and needs.
- Design a current generation app for use on a smartphone or tablet.
- Evaluate the education and training qualities and experiences essential to secure a position with growth potential in the app industry

This is an introductory course in the history and development of new applications for use on web-enabled devices including personal computers, tablets, smartphones, and ultrabooks. While there are no specific prerequisites for this course, students should have a basic understanding of the Internet, the World Wide Web, browsers, file formats, hardware, and software applications. Students who have working knowledge of IP addressing, programming, the differences among local, wide-area, and cloud-computing networks as well as the current state of mobile devices will be well prepared to complete this course.

**NEW APPLICATIONS: WEB DEVELOPMENT IN THE 21ST CENTURY  
UNIT 1: THE WORLD WIDE WEB: HISTORY AND DEFINITIONS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Course Overview                               | 10. The Editor's Two Flavors: HTML (Part Two)  |
| 2. History of the Web in a Nutshell              | 11. Project: On Assignment as a Web Developer  |
| 3. Project: The Interconnected Internet          | 12. The Wave of the Present – WordPress        |
| 4. File Sizes and Resolution                     | 13. Quiz 2: Hosted and Non-Hosted Applications |
| 5. Project: Consulting                           | 14. Project: Special Project                   |
| 6. What Does This Do? Hosted vs. Local Computing | 15. Unit 1 Test                                |
| 7. Quiz 1: Defining the Web                      | 16. Course Project Part 1: The Home Page       |
| 8. Manual Transmission: HTML (Part One)          | 17. Glossary and Credits                       |
| 9. Project: Developing HTML                      |  |

**NEW APPLICATIONS: WEB DEVELOPMENT IN THE 21ST CENTURY  
UNIT 2: WEB SITE DESIGN ON CONTENT MANAGED PLATFORMS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. WordPress Roles                          | 10. Third Party Add-ons  |
| 2. Project: Developing a WordPress Account  | 11. Project: A Comparative Study of Apps, Plugins, and Extension |
| 3. WordPress Themes                         | 12. Quiz 2: Website Elements                                     |
| 4. Project: Marketing to a Potential Client | 13. Project: Special Project                                     |
| 5. Topography                               | 14. Unit 2 Test  |
| 6. Quiz 1: WordPress Components             | 15. Course Project Part 2: Planning the Site                     |
| 7. Detailed Editors                         | 16. Glossary and Credits   |
| 8. Widgets                                  |  |
| 9. Project: Bringing It All Together        |  |

**NEW APPLICATIONS: WEB DEVELOPMENT IN THE 21ST CENTURY  
UNIT 3: MANAGING SITE CREATION**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Assigning Roles                                       | 9. Approvals, Change Orders, and Last-Minute Edits    |
| 2. Project: Photos, Videos, and Sound Files in WordPress | 10. Self-Evaluation and Your Projects                 |
| 3. Designing the Publication                             | 11. Project: Baseline, Benchmark, Objective, and Goal |
| 4. Project: Creating Posts                               | 12. Quiz 2: Working Together                          |
| 5. Developing the Content                                | 13. Project: Special Project                          |
| 6. Quiz 1: Bringing It All Together                      | 14. Unit 3 Test                                       |
| 7. Publishing Deadlines                                  | 15. Course Project Part 3: Under Construction         |
| 8. Project: Creating a Statement of Work                 | 16. Glossary and Credits                              |

**NEW APPLICATIONS: WEB DEVELOPMENT IN THE 21ST CENTURY  
UNIT 4: INTERNET DISTRIBUTED APPLICATIONS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. What Are Internet Distributed Applications?                            | 9. Project: RSS Feed Comparisons                      |
| 2. Project: What Is Cloud Computing?                                      | 10. Report on the Present                             |
| 3. Distribution of Internet Applications                                  | 11. Project: Find Your Own Trends                     |
| 4. Project: Are You Online or Offline?                                    | 12. Evaluating Products and Services                  |
| 5. The Internet Is a Revolutionary Path to Application Development        | 13. Quiz 2: Emerging Trends                           |
| 6. Project: New Technology: Autos vs. Internet                            | 14. Project: Special Project                          |
| 7. Quiz 1: Introduction to Internet Distributed Applications              | 15. Unit 4 Test                                       |
| 8. Strategies for Keeping Well-informed about New Trends and Developments | 16. Course Project Part 4: Reviewing Web Applications |
|   | 17. Glossary and Credits                              |

**NEW APPLICATIONS: WEB DEVELOPMENT IN THE 21ST CENTURY  
UNIT 5: NEW APPS: CREATIVITY AND CAREERS****Assignment Titles**

- |   |  |
|---|--|
| 1. The Mobile Apps Industry                         | 10. Technology Advances, Careers Redefined             |
| 2. Project: Apps Review                             | 11. Project: Next Year's App Solution                  |
| 3. Building Apps                                    | 12. Quiz 2: Career Choices: Solo or Solid              |
| 4. Health Considerations in Developing Apps         | 13. Project: Special Project                           |
| 5. Project: The Ergonomic App Development Office    | 14. Unit 5 Test  |
| 6. Quiz 1: A New Industry                           | 15. Course Project Part 5: The Mobile App Hall of Fame |
| 7. Entrepreneurial App Development                  | 16. Glossary and Credits                               |
| 8. Project: Researching Network Operating Systems   |  |
| 9. Expanding Career Opportunities in a New Industry |  |

**NEW APPLICATIONS: WEB DEVELOPMENT IN THE 21ST CENTURY  
UNIT 6: COURSE REVIEW, AND EXAM****Assignment Titles**

- |   |         |
|---|---------|
| 1. Course Project Part 6: The Future of Apps Blog | 3. Exam |
| 2. Review   |         |

## OFFICE APPLICATIONS I

### COURSE OVERVIEW

Office Applications I is a semester-length, high school elective that explores the use of application skills in Microsoft® Word®, Publisher®, and PowerPoint® 2010. Students will use these applications to design, develop, create, edit, and share business documents, publications, and presentations. This course provides key knowledge and skills in the following Microsoft Office® applications:

1. Microsoft Word: Students are provided with an introduction to advanced skills in Microsoft Word that range from simply developing an understanding of the various uses of Word to more complex explorations of mail merge, tab stops, reference resources, and additional features available in backstage view.
2. Microsoft Publisher: Students learn to create publications, insert and edit publication items, and view, review, and share those publications.
3. Microsoft PowerPoint: Students will learn how to create presentations, enter and modify content, modify and deliver presentations, and collaborate and share PowerPoint presentations.

### Objectives

- Create, modify, save, and format styles, text, font, pages, and folders in Microsoft Word.
- Demonstrate use of the Cut, Copy, and Paste commands and the Show/Hide button while editing documents.
- Show how to use Spell Check, Find and Replace, and AutoCorrect in the Word application.
- Know how to track changes and add comments in a document.
- Demonstrate how to insert, format, modify, and edit elements of a Word document.
- Demonstrate knowledge of Microsoft Word advanced skills.
- Understand the basics of references in Word.
- Modify document properties including templates.
- Recognize how to navigate, modify, edit, and review elements of the Microsoft Publisher application.
- Recall how to print and share a publication electronically.
- Demonstrate knowledge of how to open, modify, insert, create, present, and save elements of a PowerPoint presentation.

Students must be computer literate and have Internet access. Students should have basic research skills, as well as the ability to conduct online searches and access recommended websites. Word processing and presentation software is required to produce projects.

OFFICE APPLICATIONS I	
UNIT 1: MICROSOFT WORD BEGINNING SKILLS	
Assignment Titles	
1. Course Overview	16. Backgrounds and Themes
2. Microsoft Word and the Documents it can Create	17. Project: Microsoft Word Page and Paragraph Formatting
3. Navigating the Word Screen	18. Quiz 3: Formatting Paragraphs and Pages
4. Open, Enter Text, Save and Print	19. Alternate Quiz 3: Form A: Formatting Paragraphs and Pages
5. Quiz 1: Word Introduction	20. Alternate Quiz 3: Form B: Formatting Paragraphs and Pages
6. Alternate Quiz 1: Form A: Word Introduction	21. Supplemental Lesson
7. Alternate Quiz 1: Form B: Word Introduction	22. Special Project
8. Font: Basic Editing Features	23. Review
9. Font Styles and the Clipboard	24. Test
10. Project: Microsoft Word Document Formatting	25. Alternate Test: Form A
11. Quiz 2: Formatting Font	26. Alternate Test: Form B
12. Alternate Quiz 2: Form A: Formatting Font	27. Glossary and Credits
13. Alternate Quiz 2: Form B: Formatting Font	
14. Paragraph Formatting Features	
15. Page Setup Features	

**OFFICE APPLICATIONS I**  
**UNIT 2: MICROSOFT WORD INTERMEDIATE SKILLS**

**Assignment Titles**

1. Inserting Images into Documents	15. Insert Comments and Track Changes
2. Inserting Shapes, SmartArt and Text Boxes	16. Autocorrect Options
3. Special Parts in the Word Application	17. Project: Review Tab Skills
4. Project: Inserting and Modifying Content	18. Quiz 3: Autocorrect Options
5. Quiz 1: Word Intermediate Skills	19. Alternate Quiz 3: Form A: Autocorrect Options
6. Alternate Quiz 1: Form A: Word Intermediate Skills	20. Alternate Quiz 3: Form B: Autocorrect Options
7. Alternate Quiz 1: Form B: Word Intermediate Skills	21. Project: Collaborating on a Word Document
8. Inserting Tables	22. Project: Supplemental Projects
9. Organizing Content in Tables	23. Special Project
10. Project: Tables	24. Review
11. Quiz 2: Working with Tables	25. Test
12. Alternate Quiz 2: Form A: Working with Tables	26. Alternate Test: Form A
13. Alternate Quiz 2: Form B: Working with Tables	27. Alternate Test: Form B
14. Spell Check and Find and Replace	

**OFFICE APPLICATIONS I**  
**UNIT 3: MICROSOFT WORD ADVANCED SKILLS**

**Assignment Titles**

1. Merging to Create Labels	15. Using and Creating a Template
2. Merging to Create Letters	16. Project: Creating a document template
3. Project: Creating a Merge	17. Quiz 3: Backstage View
4. Quiz 1: Word Advanced Skills	18. Alternate Quiz 3: Form A: Backstage View
5. Alternate Quiz 1: Form A: Word Advanced Skills	19. Alternate Quiz 3: Form B: Backstage View
6. Alternate Quiz 1: Form B: Word Advanced Skills	20. Project: Unit Simulation
7. Endnotes and Footnotes	21. Project: Supplemental Materials
8. Hyperlinks	22. Special Project
9. Table of Contents	23. Review
10. Project: Inserting Special Report Features	24. Test
11. Quiz 2: References	25. Alternate Test: Form A
12. Alternate Quiz 2: Form A: References	26. Alternate Test: Form B
13. Alternate Quiz 2: Form B: References	27. Glossary and Credits
14. Share, Protect, and Modify Document Properties	

**OFFICE APPLICATIONS I**  
**UNIT 4: MICROSOFT PUBLISHER APPLICATION**

**Assignment Titles**

1. Opening and Navigating Publisher	13. Sharing and Printing Publications
2. Designing Pages	14. Project: Modify and Share a Publication
3. Inserting Text	15. Quiz 2: Publications
4. Project: Open Publisher, Browse, and Select a Template	16. Alternate Quiz 2: Form A: Publications
5. Quiz 1: Publisher	17. Alternate Quiz 2: Form B: Publications
6. Alternate Quiz 1: Form A: Publisher	18. Project: Design, Edit and Share a Publication
7. Alternate Quiz 1: Form B: Publisher	19. Project: Supplemental Activities
8. Graphics	20. Special Project
9. Tables and Building Blocks	21. Review
10. Project: Inserting Enhancements	22. Test
11. Viewing a Publication	23. Alternate Test: Form A
12. Reviewing a Publication	24. Alternate Test: Form B
	25. Glossary and Credits

**OFFICE APPLICATIONS I**  
**UNIT 5: MICROSOFT POWERPOINT APPLICATION**

**Assignment Titles**

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. PowerPoint Layout and Modifying Views</li> <li>2. Entering Text and Formatting Slides</li> <li>3. Quiz 1: PowerPoint Layout and Views</li> <li>4. Alternate Quiz 1: Form A: PowerPoint Layout and Views</li> <li>5. Alternate Quiz 1: Form B: PowerPoint Layout and Views</li> <li>6. Images, WordArt, and SmartArt</li> <li>7. Charts and Tables</li> <li>8. Project: Simulation: Creating a Presentation</li> <li>9. Quiz 2: Charts and Tables</li> <li>10. Alternate Quiz 2: Form A: Charts and Tables</li> <li>11. Alternate Quiz 2: Form B: Charts and Tables</li> <li>12. Transitions and Animations</li> <li>13. Set up Show and Timings</li> <li>14. Presentation Tools</li> <li>15. Saving, Printing, Sharing, and Protecting a Presentation</li> </ol> | <ol style="list-style-type: none"> <li>16. Project: Simulation: Modify, Share, and Deliver a Show</li> <li>17. Quiz 3: Modify, Share, Deliver a Show</li> <li>18. Alternate Quiz 3: Form A: Modify, Share, Deliver a Show</li> <li>19. Alternate Quiz 3: Form B: Modify, Share, Deliver a Show</li> <li>20. Project: Simulation: Design and Create a Presentation</li> <li>21. Project: Supplemental Activities</li> <li>22. Special Project</li> <li>23. Review</li> <li>24. Test</li> <li>25. Alternate Test: Form A</li> <li>26. Alternate Test: Form B</li> <li>27. Glossary and Credits</li> </ol> |
|--|---|

**OFFICE APPLICATIONS I**  
**UNIT 6: COURSE REVIEW, AND EXAM**

**Assignment Titles**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Course Review</li> <li>2. Final Exam</li> </ol> | <ol style="list-style-type: none"> <li>3. Alternate Final Exam: Form A</li> <li>4. Alternate Final Exam: Form B</li> </ol> |
|---|--|

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## OFFICE APPLICATIONS II

### COURSE OVERVIEW

Office Applications II is a semester-length, high school elective course that explores the use of application skills in Microsoft® Excel® and Microsoft® Access®. Students will use these applications to design, develop, create, edit, and share business spreadsheet and database documents. This course provides key knowledge and skills in the following areas:

1. Introduction to advanced skills in Microsoft® Excel® ranging from basic spreadsheet terminology to exploring data entry, formatting, formulas, functions, charts, graphics, and additional features available in backstage view
2. Skills in Microsoft® Access®, ranging from basic relational database terminology to creating and modifying tables, forms, queries, and reports

#### Objectives

- Recognize the elements of an Excel spreadsheet.
- Demonstrate use of Excel navigation and protection tools.
- Know how to modify, edit, save, create, and format Excel spreadsheets.
- Use tools to manage Excel worksheets.
- Define the rules for creating formulas and functions in Excel worksheets.
- Demonstrate how to create, modify, and edit charts and shapes in Microsoft Excel.
- Demonstrate knowledge of database design.
- Manage the Access Environment.
- Create an Access database.
- Create, modify, and edit Access forms, queries, and reports.

#### Office Applications 2 Course Requirements

Students must be computer literate and have Internet access. Students should have basic research skills, as well as the ability to conduct online searches and access recommended websites. Word processing and presentation software might be required to produce projects.

OFFICE APPLICATIONS II	
UNIT 1: MICROSOFT EXCEL SPREADSHEETS BASICS	
Assignment Titles	
1. Course Overview	15. Saving and File Formats
2. What is a Spreadsheet and What Are Its Uses?	16. Sharing Worksheet Data with Other Users
3. Spreadsheet Design and the Microsoft Excel Screen	17. Managing Comments
4. Quiz 1: Overview of Spreadsheet Basics	18. Printing Worksheets and Workbooks
5. Alternate Quiz 1: Form A: Overview of Spreadsheet Basics	19. Project: Saving and Printing Microsoft Excel Files
6. Alternate Quiz 1: Form B: Overview of Spreadsheet Basics	20. Quiz 3: Managing File Settings
7. Navigating in a Worksheet	21. Alternate Quiz 3: Form A: Managing File Settings
8. Microsoft Excel Workbook Views	22. Alternate Quiz 3: Form B: Managing File Settings
9. Microsoft Excel Window Views	23. Supplemental Lesson 1: Financial Terms
10. Project: Managing the Worksheet Environment	24. Supplemental Lesson 2: Financial Statements
11. Quiz 2: Spreadsheet Basics	25. Special Project
12. Alternate Quiz 2: Form A: Spreadsheet Basics	26. Review
13. Alternate Quiz 2: Form B: Spreadsheet Basics	27. Test
14. Workbook Properties	28. Alternate Test: Form A
	29. Alternate Test: Form B
	30. Glossary and Credits

**OFFICE APPLICATIONS II**  
**UNIT 2: CREATING MICROSOFT EXCEL SPREADSHEETS**

**Assignment Titles**

1. Microsoft Excel Data Types	21. Alternate Quiz 3: Form A: Creating Formulas
2. Entering and Editing Cell Data	22. Alternate Quiz 3: Form B: Creating Formulas
3. Selecting, Filling, Moving, and Copying Cell Data	23. Functions in Microsoft Excel
4. AutoFill	24. Function Wizard and Linking Formulas
5. Project: Stock Market Project Part 1 - Researching and Recording Stock Prices	25. Analyzing Data by Sorting and Filtering
6. Quiz 1: Data Entry	26. Project: Stock Market Project 4 - Entering Functions
7. Alternate Quiz 1: Form A: Data Entry	27. Quiz 4: Utilizing Functions and Data Commands
8. Alternate Quiz 1: Form B: Data Entry	28. Alternate Quiz 4: Form A: Utilizing Functions and Data Commands
9. Cell Formats	29. Alternate Quiz 4: Form B: Utilizing Functions and Data Commands
10. Editing Cells, Rows, and Columns	30. Project: Budget Project - Career Search
11. Managing Worksheets	31. Project: Budget Project - Housing Research
12. Project: Stock Market Project 2 - Formatting a Spreadsheet	32. Project: Budget Project - Vehicle Research
13. Quiz 2: Formatting Cells and Worksheets	33. Project: Budget Project - Utilities, Vacation, and Miscellaneous Expense Research
14. Alternate Quiz 2: Form A: Formatting Cells and Worksheets	34. Project: Budget Project - Final
15. Alternate Quiz 2: Form B: Formatting Cells and Worksheets	35. Special Project
16. Order of Operations	36. Review
17. Microsoft Excel Formulas	37. Test
18. Types of Cell References in Formulas	38. Alternate Test: Form A
19. Project: Stock Market Project 3 - Entering Formulas	39. Alternate Test: Form B
20. Quiz 3: Creating Formulas	40. Glossary and Credits

**OFFICE APPLICATIONS II**  
**UNIT 3: MICROSOFT EXCEL GRAPHICAL REPRESENTATIONS**

**Assignment Titles**

1. Why Use Graphical Representations of Data?	15. Project: Stock Market Project Part 6 - Creating Advanced Charts
2. Creating Charts	16. Quiz 3: Advanced Charting Options
3. Quiz 1: Creating Charts in Microsoft Excel	17. Alternate Quiz 3: Form A: Advanced Charting Options
4. Alternate Quiz 1: Form A: Data Entry	18. Alternate Quiz 3: Form B: Advanced Charting Options
5. Alternate Quiz 1: Form B: Data Entry	19. Project: Research and Chart Product Price Comparisons
6. Formatting Charts	20. Project: Chart Budget Expenses
7. Enhancing Charts with Illustrations	21. Special Project
8. Formatting Illustrations	22. Review
9. Project: Stock Market Project Part 5 - Creating and Enhancing Charts	23. Test
10. Quiz 2: Enhancing Microsoft Excel Charts	24. Alternate Test: Form A
11. Alternate Quiz 2: Form A: Enhancing Microsoft Excel Charts	25. Alternate Test: Form B
12. Alternate Quiz 2: Form B: Enhancing Microsoft Excel Charts	26. Glossary and Credits
13. Creating Picture Charts	
14. Sparklines	

**OFFICE APPLICATIONS II**  
**UNIT 4: MICROSOFT PUBLISHER APPLICATION**

**Assignment Titles**

1. What is a Database and Its Uses?	18. Modifying a Table
2. Database Design	19. Importing Data from an Excel File
3. Field Names, Data Types, and Properties	20. Sorting and Filtering
4. Project: Designing a Customer Information Database	21. Creating Relationships
5. Quiz 1: Database Design	22. Project: Creating Customer Information Database
6. Alternate Quiz 1: Form A: Database Design	23. Quiz 3: Creating an Access Database
7. Alternate Quiz 1: Form B: Database Design	24. Alternate Quiz 3: Form A: Creating an Access Database
8. The Access Screen	25. Alternate Quiz 3: Form B: Creating an Access Database
9. Navigating in Table Datasheets, Forms, and Reports	26. Project: Designing an Address List Database
10. Working in the Navigation Pane	27. Project: Creating an Address List Database
11. Save Options and Compact and Repair	28. Project: Designing and Creating an Inventory Database
12. Project: Managing the Access Environment	29. Special Project
13. Quiz 2: Managing the Access Environment	30. Review
14. Alternate Quiz 2: Form A: Managing the Access Environment	31. Test
15. Alternate Quiz 2: Form B: Managing the Access Environment	32. Alternate Test: Form A
16. Creating an Access Database and Table	33. Alternate Test: Form B
17. Entering Data	34. Glossary and Credits

**OFFICE APPLICATIONS II**  
**UNIT 5: MICROSOFT ACCESS FORMS, QUERIES, AND REPORTS**

**Assignment Titles**

1. Creating Forms	20. Sorting and Filtering Records in a Report
2. Editing the Design of a Form	21. Creating Multi-table Reports
3. Creating Multi-table Forms	22. Editing the Design of a Multi-Table Report
4. Editing Multi-table Forms	23. Project: Address List Reports
5. Project: Address List Forms	24. Quiz 3: Microsoft Access Reports
6. Quiz 1: Microsoft Access Forms	25. Alternate Quiz 3: Form A: Microsoft Access Reports
7. Alternate Quiz 1: Form A: Microsoft Access Forms	26. Alternate Quiz 3: Form B: Microsoft Access Reports
8. Alternate Quiz 1: Form B: Microsoft Access Forms	27. Project: Creating Forms for the Address List Database
9. Creating Simple Queries	28. Project: Creating Queries for the Address List Database
10. Creating Advanced Queries	29. Project: Creating Reports for the Address List Database
11. Creating Multi-table Queries	30. Special Project
12. Calculating Totals in a Query	31. Review
13. Creating Calculated Fields in a Query	32. Test
14. Project: Address List Queries	33. Alternate Test: Form A
15. Quiz 2: Microsoft Access Queries	34. Alternate Test: Form B
16. Alternate Quiz 2: Form A: Microsoft Access Queries	35. Glossary and Credits
17. Alternate Quiz 2: Form B: Microsoft Access Queries	
18. Creating Reports	
19. Editing the Design of a Report	

**OFFICE APPLICATIONS II**  
**UNIT 6: COURSE REVIEW, AND EXAM**

**Assignment Titles**

1. Review	3. Alternate Final Exam: Form A
2. Test	4. Alternate Final Exam: Form B

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## SMALL BUSINESS ENTREPRENEURSHIP

### COURSE OVERVIEW

This semester-long course is designed to provide the skills needed to effectively organize, develop, create, and manage your own business, while exposing you to the challenges, problems, and issues faced by entrepreneurs. Throughout this course, you will be given the chance to see what kinds of opportunities exist for small business entrepreneurs and become aware of the necessary skills for running a business. You will become familiar with the traits and characteristics that are found in successful entrepreneurs and you will see how research, planning, operations, and regulations can affect small businesses. You will learn how to develop plans for having effective business management and marketing strategies.

Small Business Entrepreneurship will teach you basic principles of entrepreneurship and business ethics. You'll look at the major steps relevant to starting a new business. These steps include financing, marketing, and managing. Knowing how to analyze a business plan will help you develop one, while at the same time making it easier for you to understand the reasons businesses have to write one. Small Business Entrepreneurship is designed to give you an overview on running a business from start to finish.

#### Objectives

- Understand the basic aspects of entrepreneurship.
- Recognize the legal environment of a small business.
- Describe basic economic principles.
- Understand scarcity and forecasting.
- Identify different kinds of costs.
- Explain the principles of financing.
- Identify kinds of financial records.
- Know the sources of financing.
- Explain target markets.
- Analyze market research and competition.
- Describe marketing mix.
- Recognize the roles of management.
- Construct a business plan.

SMALL BUSINESS ENTREPRENEURSHIP	
UNIT 1: OVERVIEW OF SMALL BUSINESS ENTREPRENEURSHIP	
Assignment Titles	
1. Course Overview	14. Business Risks
2. What Is Entrepreneurship?	15. Project: Business Risks
3. Entrepreneurial Traits	16. Sources of Assistance
4. Project: Characteristics of Successful Entrepreneurs	17. Roles of Government
5. Education, Aptitudes, and Skills	18. Quiz 2: Legal Environment of a Small Business
6. Goals	19. Alternate Quiz 2 - Form A: Legal Environment of a Small Business
7. Personal Interests	20. Alternate Quiz 2 - Form B: Legal Environment of a Small Business
8. Quiz 1: Basic Aspects of Entrepreneurship	21. Unit Project: Business Ventures - Part 1
9. Alternate Quiz 1 - Form A: Basic Aspects of Entrepreneurship	22. Special Project
10. Alternate Quiz 1 - Form B: Basic Aspects of Entrepreneurship	23. Review
11. Ethics	24. Test
12. Project: Ethics	25. Alternate Test - Form A
13. Legal Forms of Business Ownership	26. Alternate Test - Form B
	27. Glossary and Credits

**SMALL BUSINESS ENTREPRENEURSHIP  
UNIT 2: ECONOMICS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. What Is the Role and Importance of Small Business Entrepreneurship in the Economy? | 16. Alternate Quiz 2 - Form B: Scarcity and Forecasting |
| 2. Project: How Entrepreneurs Improve the Economy                                     | 17. Fixed and Variable Costs                            |
| 3. Supply and Demand  | 18. Opportunity Costs                                   |
| 4. Pricing and Production   | 19. Project: Opportunity Costs                          |
| 5. Project: Supply and Demand Graph   | 20. Profit Motive                                       |
| 6. Equilibrium  | 21. Quiz 3: Costs                                       |
| 7. Project: Equilibrium Graph   | 22. Alternate Quiz 3 - Form A: Costs                    |
| 8. Quiz 1: Basic Economic Principles  | 23. Alternate Quiz 3 - Form B: Costs                    |
| 9. Alternate Quiz 1 - Form A: Basic Economic Principles                               | 24. Unit Project: Business Ventures - Part 2            |
| 10. Alternate Quiz 1 - Form B: Basic Economic Principles                              | 25. Special Project                                     |
| 11. Scarcity  | 26. Review  |
| 12. Economic Measurement  | 27. Test  |
| 13. Project: Economic Forecast  | 28. Alternate Test - Form A                             |
| 14. Quiz 2: Scarcity and Forecasting  | 29. Alternate Test - Form B                             |
| 15. Alternate Quiz 2 - Form A: Scarcity and Forecasting                               | 30. Glossary and Credits                                |

**SMALL BUSINESS ENTREPRENEURSHIP  
UNIT 3: FINANCING**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Start-Up Costs                                     | 16. Alternate Quiz 2 - Form B: Financial Records    |
| 2. Costs of Goods Sold                                | 17. Sources of Financing                            |
| 3. Operating Expenses                                 | 18. Assess Collateral                               |
| 4. Gross Income, Net Income, and Break-Even Point     | 19. Project: Financing Sources                      |
| 5. Quiz 1: Principles of Financing                    | 20. Interest Rate and Monthly Payments              |
| 6. Alternate Quiz 1 - Form A: Principles of Financing | 21. Quiz 3: Sources of Financing                    |
| 7. Alternate Quiz 1 - Form B: Principles of Financing | 22. Alternate Quiz 3 - Form A: Sources of Financing |
| 8. Income Statement                                   | 23. Alternate Quiz 3 - Form B: Sources of Financing |
| 9. Project: Income Statement                          | 24. Unit Project: Business Ventures - Part 3        |
| 10. Balance Sheet                                     | 25. Special Project                                 |
| 11. Project: Balance Sheet                            | 26. Review  |
| 12. Profitability and Projecting Cash Flow            | 27. Test  |
| 13. Project: Financial Records                        | 28. Alternate Test - Form A                         |
| 14. Quiz 2: Financial Records                         | 29. Alternate Test - Form B                         |
| 15. Alternate Quiz 2 - Form A: Financial Records      | 30. Glossary and Credits                            |

**SMALL BUSINESS ENTREPRENEURSHIP  
UNIT 4: MARKETING**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Analyze a Market's Customers                                | 15. Marketing Terminology                    |
| 2. Target Market   | 16. Marketing Functions                      |
| 3. Project: Target Market                                      | 17. 4P's and 7P's                            |
| 4. Quiz 1: Target Markets                                      | 18. Project: Marketing Mix                   |
| 5. Alternate Quiz 1 - Form A: Target Markets                   | 19. Project: Promotion                       |
| 6. Alternate Quiz 1 - Form B: Target Markets                   | 20. Marketing Plan                           |
| 7. Steps of Market Research                                    | 21. Quiz 3: Marketing Mix                    |
| 8. Uses for Market Research                                    | 22. Alternate Quiz 3 - Form A: Marketing Mix |
| 9. Project: Current Event - Market Research                    | 23. Alternate Quiz 3 - Form B: Marketing Mix |
| 10. Project: Assessing Competitors' Strengths and Weaknesses   | 24. Unit Project: Business Ventures - Part 4 |
| 11. Industry Characteristics                                   | 25. Special Project                          |
| 12. Quiz 2: Market Research and Competition                    | 26. Review                                   |
| 13. Alternate Quiz 2 - Form A: Market Research and Competition | 27. Test                                     |
| 14. Alternate Quiz 2 - Form B: Market Research and Competition | 28. Alternate Test - Form A                  |
|  | 29. Alternate Test - Form B                  |
|  | 30. Glossary and Credits                     |

**SMALL BUSINESS ENTREPRENEURSHIP  
UNIT 5: MANAGEMENT AND BUSINESS PLANS**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Functions of Management                    | 14. Project: Analyze a Business Plan - Part 3 |
| 2. Project: Leadership Styles                 | 15. Project: Analyze a Business Plan - Part 4 |
| 3. Organization Structure                     | 16. Quiz 2: Business Plan                     |
| 4. Project: Organizational Chart              | 17. Alternate Quiz 2 - Form A: Business Plan  |
| 5. Regulations to Protect Employees           | 18. Alternate Quiz 2 - Form B: Business Plan  |
| 6. Quiz 1: Management                         | 19. Unit Project: Business Ventures - Part 5  |
| 7. Alternate Quiz 1 - Form A: Management      | 20. Special Project                           |
| 8. Alternate Quiz 1 - Form B: Management      | 21. Review                                    |
| 9. Business Plan                              | 22. Test                                      |
| 10. Project: Business Plan                    | 23. Alternate Test - Form A                   |
| 11. Project: Business Plan Sources            | 24. Alternate Test - Form B                   |
| 12. Project: Analyze a Business Plan - Part 1 | 25. Glossary and Credits                      |
| 13. Project: Analyze a Business Plan - Part 2 |   |

**SMALL BUSINESS ENTREPRENEURSHIP  
UNIT 6: COURSE REVIEW, AND EXAM**

**Assignment Titles**

- |           |                            |
|-----------|----------------------------|
| 1. Review | 3. Alternate Exam - Form A |
| 2. Exam   | 4. Alternate Exam - Form B |

## SOFTWARE DEVELOPMENT TOOLS

### COURSE OVERVIEW

This course introduces students to the variety of careers related to programming and software development. Students will gather and analyze customer software needs and requirements, learn core principles of programming, develop software specifications, and use appropriate reference tools to evaluate new and emerging software. Students will produce IT-based strategies and a project plan to solve specific problems, and define and analyze system and software requirements.

#### Objectives

- Understand the development of the computer.
- Be able to describe the organization of the Central Processing Unit.
- Demonstrate knowledge of widely used software applications (e.g., word processing, database management, spreadsheet development).
- Identify three levels of programming languages.
- Identify execution differences between interpreted, translated, and compiled languages.
- Describe how computers address data in memory.
- Design structures, classes, and objects that include variables and methods.
- Summarize how data is organized in software development.
- Understand the standard primitive types and operations of the java programming language.
- Define and initialize Java arrays.
- Demonstrate knowledge of the basics of structured, object-oriented language.
- Write software applications using while, do while, for, for-each loops.
- Define logic statements using if, else if, else and switch statements.
- Develop an application using conditional statements.
- Demonstrate knowledge of key constructs and commands specific to a language.
- Develop an application that responds to user input.
- Develop a web application that responds to user input.

SOFTWARE DEVELOPMENT TOOLS	
UNIT 1: INTRODUCTION TO NETWORK DESIGN	
Assignment Titles	
1. Course Overview	9. Web-Based Software Applications
2. Coding Standards and Conventions	10. Project: Multimedia and Web Design Careers
3. Software Processes and Methodology	11. Software Design Principles and Tools
4. Project: Grades Projection IPO	12. Project: Software Design Principles Table
5. Software Types and Elements	13. Quiz 2: Central Processing Unit Operations
6. Project: Software Types and Elements	14. Project: Special Project
7. Quiz 1: Computer History, Computer Hardware, Software, and Organization	15. Unit 1 Test
8. Multimedia and Graphics Software Applications	16. Glossary and Credits

SOFTWARE DEVELOPMENT TOOLS	
UNIT 2: SOFTWARE DEVELOPMENT	
Assignment Titles	
1. Personal Information Management (PIM) Tools	9. Project: My Personal Website
2. Project: My Mind-Mapping	10. Integrated Development Environments (IDEs)
3. Computer Security Application Tools	11. Project: My Text Editor IDE Evaluation
4. Individual Programming Development Tools	12. Quiz 2: Building Blocks of Programs
5. Project: Assessment of Competitive Office Suites	13. Project: Special Project
6. Quiz 1: Different Language Abstraction Layers	14. Unit 2 Test
7. Database Software Development Tools	15. Glossary and Credits
8. Web Design Software Development Tools	

**SOFTWARE DEVELOPMENT TOOLS****UNIT 3: DEBUGGING****Assignment Titles**

- |  |   |
|--|---|
| 1. Download, Install, Explore IntelliJ IDEA                          | 9. STDIN and STDOUT                               |
| 2. Download, Install, Explore NetBeans                               | 10. File Input, Output, and Network Input, Output |
| 3. Project: MY IntelliJ NetBeans IDE Evaluation                      | 11. Project: Concepts of File I/O and Network I/O |
| 4. Download, Install, Explore Eclipse                                | 12. Quiz 2: Text Input, Output, and Exceptions    |
| 5. Project: MY IntelliJ NetBeans Eclipse IDE Evaluation              | 13. Project: Special Project                      |
| 6. Quiz 1: Basic Java Applications                                   | 14. Unit 3 Test                                   |
| 7. Exceptions  | 15. Glossary and Credits                          |
| 8. Project: Best Practices in Exception Handling in Java Programming |   |

**SOFTWARE DEVELOPMENT TOOLS****UNIT 4: SOFTWARE CONFIGURATION MANAGEMENT****Assignment Titles**

- |  |   |
|--|---|
| 1. Code Blocks   | 9. Project: Write an IF...ELSE Program that Computes the New Salary for the CIO |
| 2. Project: Concepts of Programming Code Structure in Java | 10. Switch Statements   |
| 3. Iterative Loops   | 11. Project: Write a Program Using a SWITCH Statement                           |
| 4. For-Each Loops  | 12. Quiz 2: If, Then, and Switch Statements                                     |
| 5. Project: Computing Class Grades                         | 13. Project: Special Project  |
| 6. Quiz 1: While, Do, While, For, Statements               | 14. Unit 4 Test   |
| 7. Java Logic  | 15. Glossary and Credits  |
| 8. If, Else If, Else                                       |   |

**SOFTWARE DEVELOPMENT TOOLS****UNIT 5: OBJECT MODELING UML AND SOFTWARE TESTING****Assignment Titles**

- |  |   |
|--|---|
| 1. Swing and AWT   | 8. Project: Social Media on Campus                    |
| 2. Creating Frames and Dialog Boxes, Components, Form Fields, Panels, Buttons            | 9. Application Servers and JavaServer Pages (JSP)     |
| 3. Project: Building Better Java using GUI Applications, Frames, Containers, and Dialogs | 10. JavaServer Faces and Future Trends in Programming |
| 4. HTML and Web Pages  | 11. Project: Create a Simple Java Server Page         |
| 5. Project: Creating a Web Page  | 12. Quiz 2: The Future of Programming                 |
| 6. Quiz 1: GUI Programming   | 13. Project: Special Project                          |
| 7. Business Information System Trends, Applications, and eCommerce                       | 14. Unit 5 Test                                       |
|  | 15. Glossary and Credits                              |

**SOFTWARE DEVELOPMENT TOOLS****UNIT 6: COURSE PROJECT, REVIEW AND EXAM****Assignment Titles**

- |   |           |
|---|-----------|
| 1. Course Project: The Design Team: Creating a Tablet GUI | 2. Review |
|   | 3. Exam   |



## TECHNOLOGY AND BUSINESS

### COURSE OVERVIEW

Technology and Business is a year-long, high school elective that teaches students technical skills, effective communication skills, and productive work habits needed to make a successful transition into the workplace or postsecondary education. In this course, students gain an understanding of emerging technologies, operating systems, and computer networks. In addition, they create a variety of business documents, including complex word-processing documents, spreadsheets with charts and graphs, database files, and electronic presentations.

This course provides key knowledge and skills in the following areas:

1. Emerging Technologies
2. Operating Systems
3. Word Processing
4. Spreadsheets
5. Databases
6. Communication Skills
7. Telecommunications
8. Electronic Presentations
9. Computer Networks
10. Project Management

By the end of the course, the student should be able to do the following:

- Select the appropriate technology to address business needs.
- Describe and compare types of operating systems.
- Use the computer's operating system to execute work responsibilities.
- Identify the purpose and style of various business documents.
- Create complex word-processing documents with columns, bulleted lists, tables, and graphs.
- Improve speed and accuracy of keyboarding.
- Use spreadsheets to calculate, graph, solve business problems, and make predictions.
- Perform data-management procedures using database technology.
- Demonstrate communication skills for obtaining and conveying information.
- Send and receive information using electronic mail, following appropriate guidelines.
- Describe and identify components of the telecommunications industry.
- Create and deliver an effective presentation following presentation guidelines.
- Describe the components required to establish a network.
- Identify the information management requirements and business needs of an organization.
- Use project-management tools and processes to manage a business project successfully.

<b>TECHNOLOGY AND BUSINESS</b>	
<b>UNIT 1: BUSINESS TECHNOLOGY</b>	
<b>Assignment Titles</b>	
1. Course Overview	10. Project: Defining Technical Terms
2. Hardware versus Software	11. Quiz 2: Business Solutions
3. Current Business Technology	12. Alternate Quiz 2—Form A: Business Solutions
4. Equipment Maintenance	13. Alternate Quiz 2—Form B: Business Solutions
5. Quiz 1: Overview of Business Technology	14. Report: Technology in Business
6. Alternate Quiz 1—Form A: Overview of Business Technology	15. Special Project
7. Alternate Quiz 1—Form B: Overview of Business Technology	16. Review
8. Business Solutions Case Studies	17. Test
9. Emerging Technology	18. Alternate Test—Form A
	19. Alternate Test—Form B
	20. Glossary and Credits

**TECHNOLOGY AND BUSINESS**  
**UNIT 2: COMPUTER OPERATING SYSTEMS**

**Assignment Titles**

- |  |   |
|--|---|
| 1. What Is an Operating System?                                  | 12. Getting Started—Exploring the Desktop               |
| 2. Utilities   | 13. Using the Interface                                 |
| 3. Quiz 1: An Introduction to Operating Systems                  | 14. File Management                                     |
| 4. Alternate Quiz 1—Form A: An Introduction to Operating Systems | 15. Quiz 3: Using the Operating System                  |
| 5. Alternate Quiz 1—Form B: An Introduction to Operating Systems | 16. Alternate Quiz 3—Form A: Using the Operating System |
| 6. Mac   | 17. Alternate Quiz 3—Form B: Using the Operating System |
| 7. Windows   | 18. Project: Customize Your Desktop                     |
| 8. Linux   | 19. Special Project                                     |
| 9. Quiz 2: Types of Operating Systems                            | 20. Review  |
| 10. Alternate Quiz 2—Form A: Types of Operating Systems          | 21. Test  |
| 11. Alternate Quiz 2—Form B: Types of Operating Systems          | 22. Alternate Test—Form A                               |
|  | 23. Alternate Test—Form B                               |
|  | 24. Glossary and Credits                                |

**TECHNOLOGY AND BUSINESS**  
**UNIT 3: WORD PROCESSING**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Keyboarding Pretest                         | 16. Research Papers                                      |
| 2. Keyboarding Exercises                       | 17. Project: Formatting a Research Paper                 |
| 3. Number Keypad                               | 18. Business Reports                                     |
| 4. Project: Timed Typing Tests                 | 19. Project: Creating a Business Report                  |
| 5. Quiz 1: Keyboarding Skills                  | 20. Quiz 2: Creating Business Documents                  |
| 6. Alternate Quiz 1—Form A: Keyboarding Skills | 21. Alternate Quiz 2—Form A: Creating Business Documents |
| 7. Alternate Quiz 1—Form B: Keyboarding Skills | 22. Alternate Quiz 2—Form B: Creating Business Documents |
| 8. Writing and Editing a Business Document     | 23. Special Project                                      |
| 9. Project: Creating a Memo                    | 24. Review   |
| 10. Business Letters                           | 25. Test   |
| 11. Project: Creating a Business Letter        | 26. Alternate Test—Form A                                |
| 12. Résumés                                    | 27. Alternate Test—Form B                                |
| 13. Project: Creating a Résumé                 | 28. Glossary and Credits                                 |
| 14. Brochures and Newsletters                  |  |
| 15. Project: Creating a Newsletter             |  |

**TECHNOLOGY AND BUSINESS**  
**UNIT 4: SPREADSHEETS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. Entering Data                                  | 17. Creating Graphs  |
| 2. Formatting                                     | 18. Project: Business Spreadsheets                         |
| 3. Editing Data                                   | 19. Project: Balance Sheets and Profit-and-Loss Statements |
| 4. Shortcuts                                      | 20. Quiz 3: Spreadsheet Applications                       |
| 5. Quiz 1: Spreadsheet Basics                     | 21. Alternate Quiz 3—Form A: Spreadsheet Applications      |
| 6. Alternate Quiz 1—Form A: Spreadsheet Basics    | 22. Alternate Quiz 3—Form B: Spreadsheet Applications      |
| 7. Alternate Quiz 1—Form B: Spreadsheet Basics    | 23. Special Project  |
| 8. Formulas                                       | 24. Review   |
| 9. Project: Using Simple Formulas                 | 25. Test   |
| 10. Advanced Formulas                             | 26. Alternate Test—Form A                                  |
| 11. Project: Using Advanced Formulas              | 27. Alternate Test—Form B                                  |
| 12. Quiz 2: Spreadsheet Formulas                  | 28. Glossary and Credits                                   |
| 13. Alternate Quiz 2—Form A: Spreadsheet Formulas |  |
| 14. Alternate Quiz 2—Form B: Spreadsheet Formulas |  |
| 15. Project: Creating a Personal Budget           |  |
| 16. Project: Estimating Income Taxes              |  |

**TECHNOLOGY AND BUSINESS  
UNIT 5: DATABASES**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Comparing Databases and Spreadsheets            | 14. Project: Data Warehouse                               |
| 2. Understanding Database Terms                    | 15. Project: Using a Database to Create a Business Report |
| 3. Project: Creating a Database                    | 16. Quiz 2: Database Features                             |
| 4. Working with Data and Records                   | 17. Alternate Quiz 2—Form A: Database Features            |
| 5. Project: Creating a Database                    | 18. Alternate Quiz 2—Form B: Database Features            |
| 6. Quiz 1: Database Basics                         | 19. Special Project                                       |
| 7. Alternate Quiz 1—Form A: Database Basics        | 20. Review  |
| 8. Alternate Quiz 1—Form B: Database Basics        | 21. Test  |
| 9. Using Databases to Search and Query             | 22. Alternate Test—Form A                                 |
| 10. Project: Working with Queries                  | 23. Alternate Test—Form B                                 |
| 11. Project: Using a Database to Generate Mailings | 24. Glossary and Credits                                  |
| 12. Importing and Exporting Data                   |   |
| 13. Data Analysis                                  |   |

**TECHNOLOGY AND BUSINESS  
UNIT 6: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

- |           |                          |
|-----------|--------------------------|
| 1. Review | 3. Alternate Exam—Form A |
| 2. Exam   | 4. Alternate Exam—Form B |

**TECHNOLOGY AND BUSINESS  
UNIT 7: COMMUNICATION SKILLS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Communication Skills  | 13. Alternate Quiz 2—Form B: Desirable Workplace Skills, Habits, and Attitudes |
| 2. Electronic Communication Skills   | 14. Finding Reliable Internet Resources  |
| 3. Project: Revising E-mail Messages   | 15. Paraphrasing and Summarizing   |
| 4. Quiz 1: Overview of Effective Communication Skills                          | 16. Organizing Information   |
| 5. Alternate Quiz 1—Form A: Overview of Effective Communication Skills         | 17. Quiz 3: Using Written Information  |
| 6. Alternate Quiz 1—Form B: Overview of Effective Communication Skills         | 18. Alternate Quiz 3—Form A: Using Written Information                         |
| 7. Workplace Skills, Habits, and Attitudes                                     | 19. Alternate Quiz 3—Form B: Using Written Information                         |
| 8. Active Listening  | 20. Report: Business Skills  |
| 9. Constructive Feedback   | 21. Special Project  |
| 10. Project: Employee Action Plan  | 22. Review   |
| 11. Quiz 2: Desirable Workplace Skills, Habits, and Attitudes                  | 23. Test   |
| 12. Alternate Quiz 2—Form A: Desirable Workplace Skills, Habits, and Attitudes | 24. Alternate Test—Form A  |
|  | 25. Alternate Test—Form B  |
|  | 26. Glossary and Credits   |

**TECHNOLOGY AND BUSINESS  
UNIT 8: TELECOMMUNICATIONS TECHNOLOGY**

**Assignment Titles**

- |   |  |
|---|--|
| 1. The Parts and the Pieces   | 11. Project: Analyze It  |
| 2. Case Studies   | 12. Quiz 2: Using and Choosing Telecommunication Technology                  |
| 3. Quiz 1: The Telecommunications Industry – An Overview                  | 13. Alternate Quiz 2—Form A: Using and Choosing Telecommunication Technology |
| 4. Alternate Quiz 1—Form A: The Telecommunications Industry – An Overview | 14. Alternate Quiz 2—Form B: Using and Choosing Telecommunication Technology |
| 5. Alternate Quiz 1—Form B: The Telecommunications Industry – An Overview | 15. Special Project  |
| 6. E-mail   | 16. Review   |
| 7. Beyond E-mail  | 17. Test   |
| 8. E-mail Ethics and Work Habits  | 18. Alternate Test—Form A  |
| 9. Netiquette   | 19. Alternate Test—Form B  |
| 10. Evaluating Telecommunication Technologies                             | 20. Glossary and Credits   |

**TECHNOLOGY AND BUSINESS**  
**UNIT 9: PRESENTATION TECHNOLOGY**

**Assignment Titles**

1. What is Presentation Technology?	12. Content
2. How is Presentation Technology Used?	13. Layout
3. Quiz 1: An Introduction to Presentation Technology	14. Putting It All Together
4. Alternate Quiz 1—Form A: An Introduction to Presentation Technology	15. Quiz 3: Presentation Planning
5. Alternate Quiz 1—Form B: An Introduction to Presentation Technology	16. Alternate Quiz 3—Form A: Presentation Planning
6. Working with Text	17. Alternate Quiz 3—Form B: Presentation Planning
7. Working with Graphics	18. Project: Creating a Presentation
8. Working with Special Effects	19. Special Project
9. Quiz 2: Presentation Guidelines	20. Review
10. Alternate Quiz 2—Form A: Presentation Guidelines	21. Test
11. Alternate Quiz 2—Form B: Presentation Guidelines	22. Alternate Test—Form A
	23. Alternate Test—Form B
	24. Glossary and Credits

**TECHNOLOGY AND BUSINESS**  
**UNIT 10: COMPUTER NETWORKS**

**Assignment Titles**

1. What is Project Management?	10. Career Paths in Information Technology
2. Project Management Tools	11. Quiz 2: Managing a Project
3. Quiz 1: Introduction to Project Management	12. Alternate Quiz 2—Form A: Managing a Project
4. Alternate Quiz 1—Form A: Introduction to Project Management	13. Alternate Quiz 2—Form B: Managing a Project
5. Alternate Quiz 1—Form B: Introduction to Project Management	14. Special Project
6. Initiating and Planning a Project	15. Review
7. Project: Initiating a Project	16. Test
8. Executing and Closing a Project	17. Alternate Test—Form A
9. Project: Project Meeting	18. Alternate Test—Form B
	19. Glossary and Credits

**TECHNOLOGY AND BUSINESS**  
**UNIT 11: PROJECT MANAGEMENT**

**Assignment Titles**

1. What is Presentation Technology?	12. Content
2. How is Presentation Technology Used?	13. Layout
3. Quiz 1: An Introduction to Presentation Technology	14. Putting It All Together
4. Alternate Quiz 1—Form A: An Introduction to Presentation Technology	15. Quiz 3: Presentation Planning
5. Alternate Quiz 1—Form B: An Introduction to Presentation Technology	16. Alternate Quiz 3—Form A: Presentation Planning
6. Working with Text	17. Alternate Quiz 3—Form B: Presentation Planning
7. Working with Graphics	18. Project: Creating a Presentation
8. Working with Special Effects	19. Special Project
9. Quiz 2: Presentation Guidelines	20. Review
10. Alternate Quiz 2—Form A: Presentation Guidelines	21. Test
11. Alternate Quiz 2—Form B: Presentation Guidelines	22. Alternate Test—Form A
	23. Alternate Test—Form B
	24. Glossary and Credits

**TECHNOLOGY AND BUSINESS**  
**UNIT 12: SEMESTER REVIEW AND EXAM**

**Assignment Titles**

1. Review	3. Alternate Exam—Form A
2. Exam	4. Alternate Exam—Form B

**TECHNOLOGY AND BUSINESS**  
**UNIT 13: COURSE REVIEW AND EXAM**

**Assignment Titles**

1. Review	3. Alternate Exam—Form A
2. Exam	4. Alternate Exam—Form B

## BLENDING LEARNING LIBRARY

### MATH 7 RESOURCES

#### BLENDING LEARNING LIBRARY - MATH 7 RESOURCES

##### UNIT 1: INTEGERS

###### Assignment Titles

- |   |   |
|---|---|
| 1. Integers on the Number Line          | 8. Dividing Integers                      |
| 2. Comparing and Ordering Integers      | 9. Using Integers                         |
| 3. Inequalities and Absolute Value      | 10. The Real Number System                |
| 4. Adding Integers with the Same Sign   | 11. Real Number Properties                |
| 5. Adding Integers with Different Signs | 12. The Distributive Property             |
| 6. Subtracting Integers                 | 13. Order of Operations                   |
| 7. Multiplying Integers                 | 14. Exponents and the Order of Operations |

#### BLENDING LEARNING LIBRARY - MATH 7 RESOURCES

##### UNIT 2: FRACTIONS

###### Assignment Titles

- |  |  |
|--|--|
| 1. Fractions and Mixed Numbers                             | 5. Adding and Subtracting Fractions with Unlike Denominators |
| 2. Prime Factorization                                     | 6. Reducing Fractions  |
| 3. Greatest Common Factor and Least Common Multiple        | 7. Comparing and Ordering Fractions                          |
| 4. Adding and Subtracting Fractions with Like Denominators | 8. Multiplying Fractions                                     |
|  | 9. Dividing Fractions  |

#### BLENDING LEARNING LIBRARY - MATH 7 RESOURCES

##### UNIT 3: DECIMALS

###### Assignment Titles

- |                                      |                          |
|--------------------------------------|--------------------------|
| 1. Comparing and Ordering Decimals   | 5. Fractions as Decimals |
| 2. Rounding and Estimating Decimals  | 6. Using Decimals        |
| 3. Adding and Subtracting Decimals   | 7. Scientific Notation   |
| 4. Multiplying and Dividing Decimals | 8. The Metric System     |

#### BLENDING LEARNING LIBRARY - MATH 7 RESOURCES

##### UNIT 4: PATTERNS AND EQUATIONS

###### Assignment Titles

- |  |  |
|--|--|
| 1. Adding and Subtracting Algebraic Expressions  | 5. Translating Word Sentences                          |
| 2. Expanding and Factoring Algebraic Expressions | 6. Solving Equations Using Addition and Subtraction    |
| 3. Identifying Functions                         | 7. Solving Equations Using Multiplication and Division |
| 4. Identifying Function Rules                    |  |

#### BLENDING LEARNING LIBRARY - MATH 7 RESOURCES

##### UNIT 5: RATIOS AND PROPORTIONS

###### Assignment Titles

- |                |  |
|----------------|--|
| 1. Ratios      | 5. Converting between Fractions, Decimals and Percents |
| 2. Rates       | 6. Solving Percent Problems Using Proportions          |
| 3. Proportions | 7. Solving Percent Problems Using Equations            |
| 4. Similarity  |  |

#### BLENDING LEARNING LIBRARY - MATH 7 RESOURCES

##### UNIT 6: PROBABILITY AND GRAPHING

###### Assignment Titles

- |                                     |                              |
|-------------------------------------|------------------------------|
| 1. Theoretical Probability          | 5. Graphing Linear Equations |
| 2. Experimental Probability         | 6. Slope                     |
| 3. Sample Space                     | 7. Direct Variation          |
| 4. Independent and Dependent Events |                              |

**BLENDED LEARNING LIBRARY - MATH 7 RESOURCES  
UNIT 7: DATA ANALYSIS**

**Assignment Titles**

- |                                 |                        |
|---------------------------------|------------------------|
| 1. Mean, Median, and Mode       | 5. Stem and Leaf Plots |
| 2. Using Mean, Median, and Mode | 6. Histograms          |
| 3. Using Range                  | 7. Scatter Plots       |
| 4. Box-and-Whisker Plots        |                        |

**BLENDED LEARNING LIBRARY - MATH 7 RESOURCES  
UNIT 8: GEOMETRY**

**Assignment Titles**

- |                            |                 |
|----------------------------|-----------------|
| 1. Special Pairs of Angles | 5. Symmetry     |
| 2. Polygons                | 6. Reflections  |
| 3. Triangles               | 7. Translations |
| 4. Quadrilaterals          |                 |

**BLENDED LEARNING LIBRARY - MATH 7 RESOURCES  
UNIT 9: MEASUREMENT AND AREA**

**Assignment Titles**

- |                                     |                              |
|-------------------------------------|------------------------------|
| 1. Perimeter                        | 5. Area of Circles           |
| 2. Circumference                    | 6. Area of Composite Figures |
| 3. Area of a Parallelogram          | 7. Square and Square Roots   |
| 4. Area of Triangles and Trapezoids |                              |

**BLENDED LEARNING LIBRARY - MATH 7 RESOURCES  
UNIT 10: SURFACE AREA AND VOLUME**

**Assignment Titles**

- |                                    |                                |
|------------------------------------|--------------------------------|
| 1. Nets                            | 5. Volume of Triangular Prisms |
| 2. Surface Area and Volume         | 6. Surface Area of Cylinders   |
| 3. Surface Area Rectangular Prisms | 7. Volume of Cylinders         |
| 4. Volume of Rectangular Prisms    |                                |

## MATH 8 RESOURCES

### BLENDED LEARNING LIBRARY - MATH 8 RESOURCES

#### UNIT 1: THE REAL NUMBER SYSTEM

##### Assignment Titles

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. The Real Number System</li> <li>2. Symbolic Algebra</li> <li>3. The Number Line</li> <li>4. Comparing Rational Numbers</li> <li>5. Rational and Irrational Numbers</li> </ol> | <ol style="list-style-type: none"> <li>6. The Distributive Property</li> <li>7. Negative Exponents</li> <li>8. Operations with Scientific Notation</li> <li>9. Square Roots</li> </ol> |
|---|--|

### BLENDED LEARNING LIBRARY - MATH 8 RESOURCES

#### UNIT 2: MODELING PROBLEMS IN INTEGERS

##### Assignment Titles

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Translating into Mathematical Language</li> <li>2. Solving One-Step Equations</li> <li>3. Solving Two-Step Equations</li> <li>4. Relations and Functions</li> <li>5. Analyzing Graphs</li> <li>6. Adding Integers</li> <li>7. Subtracting Integers</li> </ol> | <ol style="list-style-type: none"> <li>8. Exponents and Integers</li> <li>9. Evaluating Expressions</li> <li>10. Graphing using Coordinate Planes</li> <li>11. Using Equivalent Expressions to Solve Equations</li> <li>12. Solving Two-Step Equations</li> <li>13. Solving Word Problems</li> </ol> |
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### BLENDED LEARNING LIBRARY - MATH 8 RESOURCES

#### UNIT 3: MODELING PROBLEMS WITH RATIONAL NUMBERS

##### Assignment Titles

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Adding and Subtracting Unlike Fractions</li> <li>2. Multiplying and Dividing Fractions</li> <li>3. One-step Addition and Subtraction Equations</li> <li>4. One-Step Multiplication and Division Equations</li> </ol> | <ol style="list-style-type: none"> <li>5. Two-Step Equations</li> <li>6. One-Step Inequalities</li> <li>7. Two-Step Inequalities</li> </ol> |
|--|---|

### BLENDED LEARNING LIBRARY - MATH 8 RESOURCES

#### UNIT 4: PROPORTIONAL REASONING

##### Assignment Titles

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Proportions</li> <li>2. Direct Variations</li> <li>3. Solving Percent Problems</li> <li>4. Unit Conversions</li> </ol> | <ol style="list-style-type: none"> <li>5. Unit Conversions with Metric Units</li> <li>6. Indirect Measure</li> <li>7. Models and Scales</li> </ol> |
|--|--|

### BLENDED LEARNING LIBRARY - MATH 8 RESOURCES

#### UNIT 5: MORE WITH FUNCTIONS

##### Assignment Titles

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Solving Equations by Combining Like Terms</li> <li>2. Solving Equations with Distributive Property</li> <li>3. Slope-Intercept Form</li> <li>4. Non-Linear Functions</li> </ol> | <ol style="list-style-type: none"> <li>5. Patterns and Arithmetic Sequences</li> <li>6. Geometric Sequences</li> <li>7. Recursive Sequences</li> </ol> |
|---|--|

### BLENDED LEARNING LIBRARY - MATH 8 RESOURCES

#### UNIT 6: PROBABILITY AND GRAPHING

##### Assignment Titles

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Perpendicular and Parallel Lines</li> <li>2. Going in Circles</li> <li>3. Classifying Polygons</li> <li>4. Angle Measures of Polygons</li> </ol> | <ol style="list-style-type: none"> <li>5. Classifying Triangles</li> <li>6. The Quadrilateral Family</li> <li>7. Pythagorean Theorem</li> </ol> |
|--|---|

**BLENDED LEARNING LIBRARY - MATH 8 RESOURCES  
UNIT 7: PERIMETER AND CIRCUMFERENCE****Assignment Titles**

- |                                  |                 |
|----------------------------------|-----------------|
| 1. Perimeter and Circumference   | 5. Translations |
| 2. Area Triangles and Trapezoids | 6. Rotations    |
| 3. Symmetry                      | 7. Dilations    |
| 4. Reflections                   |                 |

**BLENDED LEARNING LIBRARY - MATH 8 RESOURCES  
UNIT 8: MEASURES OF SOLID FIGURES****Assignment Titles**

- |                                       |                              |
|---------------------------------------|------------------------------|
| 1. Surface Area of Rectangular Prisms | 5. Volume of Square Pyramids |
| 2. Surface Area of Cylinder           | 6. Volume of Cones           |
| 3. Surface Area of Composite Figures  | 7. Volume of Spheres         |
| 4. Volume of Triangular Prisms        |                              |

**BLENDED LEARNING LIBRARY - MATH 8 RESOURCES  
UNIT 9: DATA ANALYSIS****Assignment Titles**

- |  |                                       |
|--|---------------------------------------|
| 1. Measures of Central Tendency and Dispersion | 5. Interpreting Box and Whisker Plots |
| 2. Circle Graphs                               | 6. Scatter Plots                      |
| 3. Frequency and Histograms                    | 7. Misleading Graphs                  |
| 4. Constructing Box and Whisker Plots          |                                       |

**BLENDED LEARNING LIBRARY - MATH 8 RESOURCES  
UNIT 10: PROBABILITY****Assignment Titles**

- |   |                                     |
|---|-------------------------------------|
| 1. Tree Diagrams and Counting Principle | 5. Probability Types                |
| 2. Permutation                          | 6. Overlapping Events               |
| 3. Combinations                         | 7. Independent and Dependent Events |
| 4. Probability and Odds                 |                                     |



## ALGEBRA I RESOURCES

### BLENDED LEARNING LIBRARY - ALGEBRA I RESOURCES

#### UNIT 1: FOUNDATIONS OF ALGEBRA

##### Assignment Titles

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Translating with Algebraic Expressions</li> <li>2. Using the Order of Operations</li> <li>3. Evaluating Expressions</li> <li>4. Real Numbers and The Number Line</li> <li>5. Converting between Decimals and Fractions</li> <li>6. The Multiplicative Inverse</li> </ol> | <ol style="list-style-type: none"> <li>7. Adding and Subtracting Rational Numbers</li> <li>8. Dividing Integers</li> <li>9. Absolute Value and the Order of Operations</li> <li>10. Properties of Addition and Multiplication</li> <li>11. Combining Like Terms</li> <li>12. Simplifying Expressions</li> </ol> |
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### BLENDED LEARNING LIBRARY - ALGEBRA I RESOURCES

#### UNIT 2: LINEAR EQUATIONS

##### Assignment Titles

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Translating Algebraic Sentences</li> <li>2. Solutions</li> <li>3. Multiplication Property of Equality</li> <li>4. Solving Two-Step Equations</li> <li>5. Solving Multi-Step Equations</li> <li>6. Linear Equations--Possible Solution Sets</li> <li>7. Solving Equations with Parentheses</li> </ol> | <ol style="list-style-type: none"> <li>8. Solving Literal Equations</li> <li>9. Writing Equations</li> <li>10. Solving Word Problems</li> <li>11. Consecutive Integer Problems</li> <li>12. Age Problems</li> <li>13. Error in Measurement</li> <li>14. Mixture Problems</li> </ol> |
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### BLENDED LEARNING LIBRARY - ALGEBRA I RESOURCES

#### UNIT 3: FUNCTIONS

##### Assignment Titles

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. The Abscissa and Ordinate</li> <li>2. Relations</li> <li>3. Inputs and Outputs</li> <li>4. Graphing Functions on the Coordinate Plane</li> <li>5. Writing a Function Rule</li> <li>6. Sequences</li> <li>7. Direct Variations</li> </ol> | <ol style="list-style-type: none"> <li>8. Finding Slope Algebraically</li> <li>9. Writing Equations in General Form</li> <li>10. Slope-Intercept Form</li> <li>11. Writing Linear Equations (1)</li> <li>12. Writing Linear Equations (2)</li> <li>13. Parallel and Perpendicular Lines</li> </ol> |
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### BLENDED LEARNING LIBRARY - ALGEBRA I RESOURCES

#### UNIT 4: INEQUALITIES

##### Assignment Titles

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Set Builder Notation</li> <li>2. Solving Inequalities by Addition</li> <li>3. Solving Inequalities by Multiplication</li> <li>4. Solving Multi-Step Inequalities</li> <li>5. Translating Inequalities</li> <li>6. Union and Intersection</li> <li>7. Compound Inequalities</li> </ol> | <ol style="list-style-type: none"> <li>8. Graphing Linear Inequalities</li> <li>9. Solving Absolute Value Equations and Inequalities</li> <li>10. Graphing Absolute Value Inequalities on the Number Line</li> <li>11. Graphing Absolute Value Inequalities on the Coordinate Plane</li> </ol> |
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### BLENDED LEARNING LIBRARY - ALGEBRA I RESOURCES

#### UNIT 5: LINEAR SYSTEMS

##### Assignment Titles

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Systems of Linear Equations</li> <li>2. Solve a System by Graphing</li> <li>3. Systems of Inequalities Solutions</li> <li>4. Solving by Substitution</li> <li>5. Solving by Elimination</li> </ol> | <ol style="list-style-type: none"> <li>6. Solving with Determinants</li> <li>7. Solving Systems with Fractions</li> <li>8. Solving Word Problems with Two Unknowns</li> <li>9. Solving Money Problems</li> <li>10. Solving Mixture Problems</li> </ol> |
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**BLENDED LEARNING LIBRARY - ALGEBRA I RESOURCES**  
**UNIT 6: POLYNOMIALS**

**Assignment Titles**

- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| 1. Adding and Subtracting Polynomials | 8. Factoring Polynomials             |
| 2. Simplifying Polynomial Expressions | 9. Factoring by Grouping             |
| 3. Multiplying Polynomials            | 10. Factoring Trinomials (1)         |
| 4. The FOIL Method                    | 11. Factoring Trinomials (2)         |
| 5. Dividing by a Monomial             | 12. The Difference of Two Squares    |
| 6. Dividing by a Polynomial           | 13. Factoring Polynomials Completely |
| 7. Prime Factorization and the GCF    |                                      |

**BLENDED LEARNING LIBRARY - ALGEBRA I RESOURCES**  
**UNIT 7: EXPONENTIAL AND RADICAL FUNCTIONS**

**Assignment Titles**

- |   |                                   |
|---|-----------------------------------|
| 1. Negative Exponents                     | 7. Geometric Sequences            |
| 2. Evaluating Exponential Expressions     | 8. Simplifying Perfect Roots      |
| 3. Writing Numbers in Scientific Notation | 9. Multiplying Radicals           |
| 4. Properties of Exponents (1)            | 10. Rationalizing the Denominator |
| 5. Properties of Exponents (2)            | 11. Combining Like Radicals       |
| 6. Properties of Exponents (3)            | 12. Radical Equations             |

**BLENDED LEARNING LIBRARY - ALGEBRA I RESOURCES**  
**UNIT 8: QUADRATICS**

**Assignment Titles**

- |   |  |
|---|--|
| 1. The Pythagorean Theorem and Irrational Numbers | 10. Solving Word Problems Using a Quadratic Equation         |
| 2. Circle Equations                               | 11. Solving Quadratic Equations by Completing the Square (1) |
| 3. Midpoint of a Line Segment                     | 12. Solving Quadratic Equations by Completing the Square (2) |
| 4. Quadratic Equations                            | 13. The Quadratic Formula                                    |
| 5. Graphing Parabolas                             | 14. Solving Quadratic Equations Using the Quadratic Formula  |
| 6. Graphing Quadratic Functions in General Form   |  |
| 7. Graphing Quadratic Inequalities                |  |
| 8. Solving Quadratic Equations by Factoring       |  |
| 9. The Square Root Property                       |  |

**BLENDED LEARNING LIBRARY - ALGEBRA I RESOURCES**  
**UNIT 9: RATIONAL EXPRESSIONS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Writing a Rational Expression in Lowest Terms   | 6. Solving Equations That Contain Fractions    |
| 2. Multiplying and Dividing Rational Expressions   | 7. Simplifying Complex Fractions               |
| 3. Adding and Subtracting Rational Expressions (1) | 8. Solving Inequalities That Contain Fractions |
| 4. Adding and Subtracting Rational Expressions (2) | 9. Distance and Pipe Flow Problems             |
| 5. Solving Proportions                             | 10. Unknown Number Problems                    |

**BLENDED LEARNING LIBRARY - ALGEBRA I RESOURCES**  
**UNIT 10: PROBABILITY AND STATISTICS**

**Assignment Titles**

- |  |  |
|--|--|
| 1. Mean  | 5. Permutations                            |
| 2. Range and Interquartile Range                     | 6. Combinations                            |
| 3. Scatter Plots                                     | 7. Introduction to Probability             |
| 4. Listing Outcomes and the Multiplication Principle | 8. Mutually Exclusive and Inclusive Events |

## GEOMETRY RESOURCES

### BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES

#### UNIT 1: INTRODUCTION

##### Assignment Titles

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Set Theory Review</li> <li>2. Operations with Sets</li> <li>3. Point</li> <li>4. Line</li> <li>5. Plane</li> </ol> | <ol style="list-style-type: none"> <li>6. Geometric Postulates</li> <li>7. Review of Algebraic Postulates</li> <li>8. Geometric Theorems</li> <li>9. Review of Properties of Algebra</li> </ol> |
|--|---|

### BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES

#### UNIT 2: LOGIC

##### Assignment Titles

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Logic</li> <li>2. Conjunctions</li> <li>3. Disjunctions</li> <li>4. Negations</li> <li>5. Conditional Statements</li> </ol> | <ol style="list-style-type: none"> <li>6. Converse</li> <li>7. The Given Statement</li> <li>8. To Prove Statement</li> <li>9. The Plan of the Proof</li> <li>10. The Paragraph Proof</li> </ol> |
|---|---|

### BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES

#### UNIT 3: ANGLES AND PARALLELS

##### Assignment Titles

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Angle Measurement</li> <li>2. Angle Relationships</li> <li>3. Angle Relationship Theorems</li> <li>4. Basic Properties of Parallels</li> <li>5. Transversals and Special Angles</li> </ol> | <ol style="list-style-type: none"> <li>6. Classifying Triangles</li> <li>7. Exterior and Remote Interior Angles of a Triangle</li> <li>8. Proofs Involving Triangles</li> <li>9. Other Polygons</li> </ol> |
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### BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES

#### UNIT 4: CONGRUENT TRIANGLES AND QUADRILATERALS

##### Assignment Titles

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Defining Congruent Triangles</li> <li>2. Proving Triangles Congruent</li> <li>3. Proving Right Triangles congruent</li> <li>4. Independent Triangles</li> <li>5. Overlapping Triangles</li> <li>6. Isosceles Triangles</li> </ol> | <ol style="list-style-type: none"> <li>7. Inequality Theorem in One Triangle</li> <li>8. Quadrilateral Parallelograms Theorems</li> <li>9. Triangles that Use Parallelograms in Proofs</li> <li>10. Parallelograms: Rectangles</li> <li>11. Trapezoids - Definitions and Proofs</li> </ol> |
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### BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES

#### UNIT 5: SIMILAR POLYGONS

##### Assignment Titles

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Algebra and Ratios</li> <li>2. Algebra Properties and Proportions</li> <li>3. Properties of Proportions</li> <li>4. Meaning of Similarity - Theorems</li> <li>5. Meaning of Similarity - Proofs</li> <li>6. The Pythagorean Theorem</li> <li>7. Theorems about 45-45-90 Right Triangles</li> </ol> | <ol style="list-style-type: none"> <li>8. Using Triangles: Rectangular Solids</li> <li>9. Using Triangles: Regular Square Pyramid</li> <li>10. Trigonometry - Sine Ratio</li> <li>11. Trigonometry - Cosine Ratio</li> <li>12. Trigonometry - Tangent Ratio</li> <li>13. Using Similar Triangles in Indirect Measurement</li> <li>14. Using Trigonometry in Indirect Measurement</li> </ol> |
|--|---|

### BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES

#### UNIT 6: CIRCLES

##### Assignment Titles

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Tangents</li> <li>2. Arcs</li> </ol> | <ol style="list-style-type: none"> <li>3. Chords</li> <li>4. Special Segments</li> </ol> |
|--|--|

**BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES  
UNIT 7: AREA AND VOLUME**

**Assignment Titles**

- |                                  |                                       |
|----------------------------------|---------------------------------------|
| 1. Area Concepts of Polygons     | 7. Solids: Prisms                     |
| 2. Area of Regular Polygons      | 8. Solids: Pyramids                   |
| 3. Circles: Circumference and Pi | 9. Solids: Cylinders                  |
| 4. Circles: Areas of Circles     | 10. Solids: Cones                     |
| 5. Circles: Areas of Sectors     | 11. Solids: Spheres                   |
| 6. Circles: Areas of Segments    | 12. Two and Three-Dimensional Objects |

**BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES  
UNIT 8: COORDINATE GEOMETRY**

**Assignment Titles**

- |                         |                                     |
|-------------------------|-------------------------------------|
| 1. Symmetry             | 5. Midpoint Formula                 |
| 2. Distance Formula     | 6. Slope                            |
| 3. Perimeter and Area   | 7. Parallel and Perpendicular Lines |
| 4. Equation of a Circle |                                     |

**BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES  
UNIT 9: TRANSFORMATIONS**

**Assignment Titles**

- |                           |  |
|---------------------------|--|
| 1. Isometry: Reflection   | 4. Similarity Transformation: Dilation |
| 2. Isometry: Translations | 5. Inverse and Identity                |
| 3. Isometry: Rotations    |  |

**BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES  
UNIT 10: GEOMETRIC APPLICATION**

**Assignment Titles**

- |  |                                     |
|--|-------------------------------------|
| 1. Using SOH CAH TOA in Trigonometry             | 5. Law of Cosines: Finding a Side   |
| 2. Finding the Values of Trigonometric Functions | 6. Law of Cosines: Finding an Angle |
| 3. Law of Sines                                  | 7. Density                          |
| 4. Ambiguity and Area of a Triangle              |                                     |

**BLENDED LEARNING LIBRARY - GEOMETRY RESOURCES  
UNIT 11: PROBABILITY**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Definitions                         | 5. Conditional Probability                              |
| 2. Addition of Probabilities           | 6. Conditional Probability in the Real-World Situations |
| 3. Multiplication of Probabilities     | 7. Two-Way Frequency Tables                             |
| 4. Permutations of N Things: Different |   |

## ALGEBRA II RESOURCES

### BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES

#### UNIT 1: SET, STRUCTURE, AND FUNCTION

##### Assignment Titles

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Picturing sets</li> <li>2. Working with Sets</li> <li>3. Relations and Functions: Definitions</li> <li>4. Relations and Functions: Graphs</li> </ol> | <ol style="list-style-type: none"> <li>5. Algebraic Expressions: Exponents</li> <li>6. Solving Multi-step Equations</li> <li>7. Working with Inequalities</li> </ol> |
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### BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES

#### UNIT 2: NUMBERS, SENTENCES, AND PROBLEMS

##### Assignment Titles

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Equations with Parentheses</li> <li>2. Graphing Solution Sets for Inequalities</li> </ol> | <ol style="list-style-type: none"> <li>3. Solving and Graphing Compound inequalities</li> <li>4. Motion Problems</li> </ol> |
|---|---|

### BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES

#### UNIT 3: LINEAR EQUATIONS AND INEQUALITIES

##### Assignment Titles

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Graphing Lines with Two Points</li> <li>2. Writing Equations with Point Slope</li> <li>3. Graphing Lines with Slope Intercept</li> <li>4. Solving Systems by Graphing</li> </ol> | <ol style="list-style-type: none"> <li>5. Solutions by Addition</li> <li>6. Solving Systems by Substitution</li> <li>7. Graphing Two Variable Inequalities</li> </ol> |
|--|---|

### BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES

#### UNIT 4: POLYNOMIALS

##### Assignment Titles

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Products and Factoring</li> <li>2. Multiplying Polynomials by Polynomials</li> <li>3. Special Products Part 1</li> <li>4. Special Products Part 2</li> <li>5. Identify and Factor Perfect Square Trinomials</li> <li>6. Identify and Factor Sum and Difference of Cubes</li> </ol> | <ol style="list-style-type: none"> <li>7. Add and Subtract Polynomials by Identifying Like Terms</li> <li>8. Synthetic Division</li> <li>9. The Remainder Theorem</li> <li>10. Using Numerical Relationships</li> <li>11. Direct Variation</li> <li>12. Inverse Variation</li> </ol> |
|--|--|

### BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES

#### UNIT 5: ALGEBRAIC FRACTIONS

##### Assignment Titles

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Dividing Algebraic Fractions</li> <li>2. Adding and Subtracting Rational Expressions</li> </ol> | <ol style="list-style-type: none"> <li>3. Mixed Expressions and Complex Fractions</li> <li>4. Equations with Fractions</li> </ol> |
|---|---|

### BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES

#### UNIT 6: REAL NUMBERS

##### Assignment Titles

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Real Numbers</li> <li>2. Laws of Radicals</li> <li>3. Conjugates</li> <li>4. Radical Equations</li> <li>5. Factoring Quadratic Equations</li> <li>6. Completing the Square</li> </ol> | <ol style="list-style-type: none"> <li>7. Quadratic Formula</li> <li>8. Sum and Product of Roots</li> <li>9. The Discriminant</li> <li>10. Fundamental Theorem of Algebra</li> <li>11. Imaginary Numbers</li> </ol> |
|---|---|

**BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES  
UNIT 7: QUADRATIC RELATIONS AND SYSTEMS**

**Assignment Titles**

- |                  |                                |
|------------------|--------------------------------|
| 1. Circles       | 5. Hyperbola 1                 |
| 2. Ellipse       | 6. Systems of Equations        |
| 3. More ellipses | 7. Solutions of Inequalities   |
| 4. Parabola      | 8. Constant of Proportionality |

**BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES  
UNIT 8: FUNCTIONS**

**Assignment Titles**

- |   |                                    |
|---|------------------------------------|
| 1. Exponential Functions                            | 7. Solving Logarithmic Equations   |
| 2. Graphs of Piecewise functions                    | 8. Comparing Functions             |
| 3. Exponential Equations                            | 9. Inverse Functions               |
| 4. Logarithmic Functions                            | 10. Matrices                       |
| 5. Evaluating Exponential functions with Logarithms | 11. System Solutions with Matrices |
| 6. Properties of Logarithms                         |                                    |

**BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES  
UNIT 9: COUNTING PRINCIPLES**

**Assignment Titles**

- |                              |                             |
|------------------------------|-----------------------------|
| 1. Factorials                | 6. Probability concepts     |
| 2. Permutations              | 7. Equally likely outcomes  |
| 3. Combination Formula       | 8. Multiplication Principle |
| 4. Combinations Applications | 9. Conditional Probability  |
| 5. Binomial Coefficients     |                             |

**BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES  
UNIT 10: PROBABILITY AND STATISTICS**

**Assignment Titles**

- |                              |                             |
|------------------------------|-----------------------------|
| 1. The Unit Circle           | 5. The Pythagorean Identity |
| 2. Reciprocal Functions      | 6. Graphs and Amplitude     |
| 3. Radian Measure            | 7. Graphs and Modeling      |
| 4. Evaluating Trig Functions |                             |

**BLENDED LEARNING LIBRARY - ALGEBRA II RESOURCES  
UNIT 10: STATISTICS**

**Assignment Titles**

- |                         |                              |
|-------------------------|------------------------------|
| 1. Sample Surveys       | 3. Experiments               |
| 2. Normal Distributions | 4. Probability and Decisions |

**TEST PREP****GED PREP HISTORY AND GEOGRAPHY****GED PREP HISTORY AND GEOGRAPHY  
UNIT 1: GED PREP: SOCIAL SCIENCES REVIEW****Assignment Titles**

- |  |   |
|--|---|
| 1. Meaning of History/ Historical Method   | 11. Quiz 2                              |
| 2. Geography of the Earth                  | 12. The Discipline of Economics         |
| 3. Geography and Early History of the U.S. | 13. The Discipline of Political Science |
| 4. Quiz 1                                  | 14. The State                           |
| 5. Anthropology                            | 15. Quiz 3                              |
| 6. Sociology                               | 16. Special Project                     |
| 7. The Nature of Man                       | 17. Test                                |
| 8. The Culture of Man                      | 18. Alternate Test                      |
| 9. Cultural Groups of the United States    | 19. Reference                           |
| 10. Immigrants and Social Change           |   |

**GED PREP HISTORY AND GEOGRAPHY  
UNIT 2: GED PREP: AMERICAN HISTORY REVIEW****Assignment Titles**

- |                                       |   |
|---------------------------------------|---|
| 1. America's European Background      | 12. The United States as a World Power  |
| 2. American Colonization              | 13. World War I                         |
| 3. American Revolution                | 14. Normalcy and Depression             |
| 4. Quiz 1                             | 15. World War II                        |
| 5. Establishment of Government        | 16. The United Nations and the Cold War |
| 6. The Growth of the United States    | 17. Quiz 3                              |
| 7. Development of Sectional Rivalries | 18. Special Project                     |
| 8. Settlement of Western Lands        | 19. Test                                |
| 9. Civil War and Reconstruction       | 20. Alternate Test                      |
| 10. Quiz 2                            | 21. Reference                           |
| 11. A Changing Nation                 |   |

**GED PREP HISTORY AND GEOGRAPHY  
UNIT 3: GED PREP: MAN IN A CHANGING WORLD REVIEW****Assignment Titles**

- |  |   |
|--|---|
| 1. Development of the Earth (Part 1)                   | 11. Commitment to the Future (Part 1)       |
| 2. Man Develops Civilization                           | 12. Social, Economic, and Political Changes |
| 3. Development of the Earth (Part 2)                   | 13. Report: Political Issue                 |
| 4. Man Investigates the Earth                          | 14. Man and His Social Environment          |
| 5. Quiz 1: Development of Earth                        | 15. Commitment to the Future (Part 2)       |
| 6. Historical Background of the USA (Part 1)           | 16. Quiz 3: Commitment to the Future        |
| 7. Historical Background of the USA (Part 2)           | 17. Special Project                         |
| 8. Report: The Revolutionary or Civil War              | 18. Test: Man in a Changing World           |
| 9. Citizenship   | 19. Alternate Test: Man in a Changing World |
| 10. Quiz 2: Historical Background of the United States | 20. Reference                               |

**GED PREP HISTORY AND GEOGRAPHY  
UNIT 4: GED PREP: UNITED STATES HISTORY REVIEW****Assignment Titles**

- |  |  |
|--|--|
| 1. Basis of United States Democracy        | 16. Essay: New Deal                        |
| 2. Early Colonization                      | 17. World War I                            |
| 3. Quiz 1                                  | 18. Quiz 4                                 |
| 4. Beginnings of United States Democracy   | 19. From World War II to Vietnam           |
| 5. Second Continental Congress             | 20. Essay: Vietnam War                     |
| 6. Colonial Government                     | 21. From John F. Kennedy to Gerald R. Ford |
| 7. Quiz 2                                  | 22. Essay: Kennedy                         |
| 8. United States of the 1800s              | 23. From Jimmy Carter to George W. Bush    |
| 9. Jackson Era                             | 24. Quiz 5                                 |
| 10. Essay: Regional Lifestyles             | 25. The '80s and Beyond                    |
| 11. Essay: Sectionalism and Slavery        | 26. Quiz 6                                 |
| 12. Civil War                              | 27. Special Project                        |
| 13. Reconstruction of the South            | 28. Test                                   |
| 14. Quiz 3                                 | 29. Alternate Test                         |
| 15. Industrialization of the United States | 30. Reference                              |

## GED PREP LANGUAGE ARTS

GED PREP LANGUAGE ARTS	
UNIT 1: GED PREP: MECHANICS AND COMMUNICATION REVIEW	
Assignment Titles	
1. Verb Tenses	16. Project: Punctuation Practice
2. Subject-Verb Agreement; Confusing Verbs	17. Spelling Lessons Three and Four
3. Nouns and Pronouns	18. Quiz 2
4. Types of Pronouns; Antecedents	19. Spelling Quiz 2
5. Modifiers: Adjectives/Adverbs	20. Communication: Writing and Reading
6. Modifiers: Prepositional Phrases	21. Communication: Speaking and Listening
7. Sentences: Patterns and Types	22. Project: Autobiography
8. Spelling Lessons One and Two	23. Spelling Lessons Five and Six
9. Quiz 1	24. Quiz 3
10. Spelling Quiz 1	25. Spelling Quiz 3
11. Capitalization Rules	26. Special Project
12. Punctuation Rules: Apostrophes	27. Test
13. Punctuation Rules: Quotation Marks/Parentheses	28. Alternate Test
14. Punctuation Rules: Hyphens/Commas	29. Reference
15. Mechanics Review	

GED PREP LANGUAGE ARTS	
UNIT 2: GED PREP: WRITING SKILLS REVIEW	
Assignment Titles	
1. History of Language	19. Quiz 2
2. Grammar: Parts of Speech	20. Spelling Lessons Three and Four
3. Punctuation and Capitalization	21. Spelling Quiz 2
4. Abbreviations and Hyphens	22. Reading: Word Parts
5. Words	23. Reading: Context Clues and Sequence
6. Usage	24. Reading: Fact and Opinion
7. Sentences	25. Reading: Essays and Autobiographies
8. Paragraphs	26. Formal Essay
9. Letters	27. Report: Autobiography
10. Compositions	28. Quiz 3
11. Essay: What Makes a Good Politician?	29. Spelling Lessons Five and Six
12. Quiz 1	30. Essay: Short Story
13. Spelling Lesson One and Two	31. Spelling Quiz 3
14. Spelling Quiz 1	32. Special Project
15. Communication: Unspoken Factors	33. Test
16. Communication: Spoken Factors	34. Alternate Test
17. Essay: Interview a Friend	35. Reference
18. Comprehending Communication	

GED PREP LANGUAGE ARTS	
UNIT 3: GED PREP: GRAMMAR AND RESEARCH SKILLS REVIEW	
Assignment Titles	
1. Structure	10. Library Skills and Visual Aids
2. Plural Nouns	11. Determining the Author's Message
3. Adjectives	12. Quiz 3: Reading and Research
4. Verbs and Adverbs	13. Project: Visual Media
5. Pronouns, Prepositions, Phrases, and Clauses	14. Special Project
6. Quiz 1: Structure	15. Test
7. The Skills of Writing	16. Alternate Test
8. The Skills of Speaking	17. Reference
9. Quiz 2: Communication	



**GED PREP LANGUAGE ARTS**  
**UNIT 4: GED PREP: WRITING AND AMERICAN LITERATURE REVIEW**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Analyzing Written Words                    | 15. Quiz 3                                    |
| 2. Project: Prefixes and Roots                | 16. Genres of American Literature: Drama      |
| 3. Analyzing Written Words: Dictionary Skills | 17. Genres of American Literature: Poetry (1) |
| 4. Quiz 1                                     | 18. Genres of American Literature: Poetry (2) |
| 5. Writing Effective Sentences (1)            | 19. Genres of American Literature: Novel (1)  |
| 6. Writing Effective Sentences (2)            | 20. Genres of American Literature: Novel (2)  |
| 7. Project: Using Phrases in Sentences        | 21. Essay: The Old Man and the Sea            |
| 8. Sentence Problems                          | 22. Genres of American Literature: Nonfiction |
| 9. Quiz 2                                     | 23. Quiz 4                                    |
| 10. Writing Expository Prose                  | 24. Special Project                           |
| 11. Project: Preparing Expository Essay       | 25. Test                                      |
| 12. Essay: Expository Essay                   | 26. Alternate Test                            |
| 13. Writing Expository Prose: Research Papers | 27. Reference                                 |
| 14. Critical Analysis                         |   |

## GED PREP MATHEMATICS

GED PREP MATHEMATICS UNIT 1: OPERATIONS WITH NUMBERS	
Assignment Titles	
1. Operating on Whole Numbers	13. Adding and Subtracting Decimals
2. Basic Operations and Rounding	14. Multiplying Decimals
3. Multiplying and Dividing Whole Numbers	15. Dividing Decimals and Rounding Numbers
4. Quiz 1 : WORKING WITH WHOLE NUMBERS	16. Quiz 4: WORKING WITH DECIMALS
5. Fractions, Averages, and Graphs	17. Patterns and Number Sequences
6. Picture, Bar, and Pie Charts	18. Rounding and Missing Number Problems
7. Project: Graph	19. Problem Solving
8. Quiz 2 : FRACTIONS, AVERAGES, AND GRAPHS	20. Quiz 5: PATTERNS AND NUMBER SEQUENCES
9. Adding and Subtracting Fractions	21. Special Project
10. Multiplying Mixed Numbers	22. Test
11. Dividing Mixed Numbers	23. Alternate Test
12. Quiz 3: FRACTIONS AND MIXED NUMBERS	24. Reference

GED PREP MATHEMATICS UNIT 2: STATISTICS	
Assignment Titles	
1. Place Value, Order, and Rounding	12. Quiz 3: FRACTIONS
2. Central Tendency, Ratios, and Proportions	13. Formula Review
3. Problem Solving Strategies	14. Solving Equations
4. Quiz 1: WHOLE NUMBERS, NUMBER CONCEPTS	15. Ratios and Proportions
5. Geometric Properties	16. Different Types of Statistics
6. Sets	17. Quiz 4: FORMULAS, RATIOS, STATISTICS, AND GRAPHS
7. Number Systems and Factorization	18. Special Project
8. Quiz 2: GEOMETRIC FIGURES	19. Test
9. Operating on Fractions and Decimals	20. Alternate Test
10. Base, Rate, and Percentage	21. Reference
11. Percentages and Averages	

GED PREP MATHEMATICS UNIT 3: PRE-ALGEBRA	
Assignment Titles	
1. Integers, Absolute Value, and Cartesian Planes	11. Area and Volume
2. Adding and Subtracting Integers	12. Commutative and Associative Properties
3. Multiplying Integers	13. Solving Equations
4. Dividing Integers	14. Applications
5. Algebraic Expressions and Variables	15. Quiz 2: PRE-ALGEBRA REVIEW
6. Expressions, Variables, and Exponents	16. Special Project
7. More Expressions, Variables, and Exponents	17. Test
8. Graphing Algebraic Sentences	18. Alternate Test
9. Quiz 1: PRE-ALGEBRA REVIEW	19. Reference
10. Geometric Formulas and Square Roots	

GED PREP MATHEMATICS UNIT 4: ALGEBRA I: QUADRATIC EQUATIONS	
Assignment Titles	
1. Quadratic Equations	9. Review of Algebra (Part 3)
2. Methods of Solving Quadratic Equations	10. Review of Algebra (Part 4)
3. The Quadratic Formula	11. Quiz 3: REVIEW OF ALGEBRA (PART 2)
4. Verbal Problems	12. Unit 4 Special Project
5. Quiz 1: QUADRATIC EQUATIONS	13. Test
6. Review of Algebra (Part 1)	14. Alternate Test
7. Review of Algebra (Part 2)	15. Reference
8. Quiz 2: REVIEW OF ALGEBRA (PART 1)	

## GED PREP MATHEMATICS

## UNIT 5: GEOMETRY

## Assignment Titles

- |   |  |
|---|--|
| 1. Introduction to Lines, and Angles            | 11. Hexagons                           |
| 2. Using a Protractor                           | 12. Quiz 4: CIRCLES AND HEXAGONS       |
| 3. Quiz 1: SEGMENTS, LINES, AND ANGLES          | 13. Ratio Review                       |
| 4. Triangle Terms                               | 14. Proportion Review                  |
| 5. Perimeter and Area of Triangles              | 15. Similar Figures and Scale Drawings |
| 6. Quiz 2: TRIANGLES                            | 16. Quiz 5: GEOMETRIC RATIOS           |
| 7. Perimeter and Area of Squares and Rectangles | 17. Special Project                    |
| 8. Parallelograms, Trapezoids, and Formulas     | 18. Test                               |
| 9. Quiz 3: QUADRILATERALS                       | 19. Alternate Test                     |
| 10. Circles                                     | 20. Reference                          |

## GED PREP MATHEMATICS

## UNIT 6: FORMULAS AND GEOMETRY

## Assignment Titles

- |                                      |  |
|--------------------------------------|--|
| 1. Area, Perimeter, and Square Roots | 10. Using a Calculator to Determine Geometric Measures |
| 2. Circumference and Area of Circles | 11. Translations                                       |
| 3. Triangle, Pythagorean Theorem     | 12. Quiz 3: FORMULAS AND GEOMETRY                      |
| 4. Types of Quadrilaterals           | 13. Special Project                                    |
| 5. Quiz 1: FORMULAS AND GEOMETRY     | 14. Test   |
| 6. Rectangular Solids                | 15. Alternate Test                                     |
| 7. Pyramids and Prisms               | 16. Reference  |
| 8. Quiz 2: FORMULAS AND GEOMETRY     |  |
| 9. Solid Figures                     |  |

## GED PREP MATHEMATICS

## UNIT 7: STATISTICS, GRAPHS, AND PROBABILITY

## Assignment Titles

- |   |   |
|---|---|
| 1. Statistics: Mean                                     | 8. Number Patterns and Functions                |
| 2. Median and Mode                                      | 9. Coordinate Graphs                            |
| 3. Average Deviation and Range                          | 10. Quiz 2: STATISTICS, GRAPHS, AND PROBABILITY |
| 4. Quiz 1: STATISTICS, GRAPHS, AND PROBABILITY          | 11. Special Project                             |
| 5. The Pictograph and Bar Graph                         | 12. Test  |
| 6. Line Segment Graph, Histogram, and Frequency Polygon | 13. Alternate Test                              |
| 7. More About Bar Graphs and Line Segment Graphs        | 14. Reference                                   |

## GED PREP MATHEMATICS

## UNIT 8: GEOMETRY: ANGLES AND PARALLELS

## Assignment Titles

- |   |   |
|---|---|
| 1. Angle Definitions                                  | 14. More Proofs for Postulates 9 and 10               |
| 2. Angle Measurement                                  | 15. Quiz 3: Parallels and Transversals                |
| 3. Quiz 1: Angles                                     | 16. Construction: Perpendiculars                      |
| 4. Relationship Definitions                           | 17. Construction: Tangents to Circle                  |
| 5. Angle Relationship Theorems (1)                    | 18. Construction: Parallels                           |
| 6. Angle Relationship Theorems (2)                    | 19. Classifying Triangle by Sides and Angles          |
| 7. Quiz 2: Angle Theorems                             | 20. Exterior/Remote Interior Angles of Triangle       |
| 8. Construction: Copying Figures                      | 21. Proofs Involving Triangles                        |
| 9. Construction: Bisecting Figures                    | 22. Other Polygons                                    |
| 10. Basic Properties of Parallels                     | 23. Quiz 4: Triangles, Polygons, and Angle Properties |
| 11. Transversals and Special Angles                   | 24. Special Project                                   |
| 12. More Proofs: Transversals and Special Angles      | 25. Test  |
| 13. Continued Proofs: Transversals and Special Angles | 26. Alternate Test                                    |
|   | 27. Reference   |

**GED PREP SCIENCE**

<b>GED PREP SCIENCE</b>	
<b>UNIT 1: GED PREP: ASTRONOMY</b>	
<b>Assignment Titles</b>	
1. The Sun's Energy	8. Quiz 3
2. Quiz 1	9. Eclipses
3. The Solar System	10. Quiz 4
4. Outer Planets	11. Special Project
5. Asteroids	12. Test
6. Quiz 2	13. Alternate Test
7. The Moon	14. Reference

<b>GED PREP SCIENCE</b>	
<b>UNIT 2: GED PREP: MATTER AND EARTH SCIENCE</b>	
<b>Assignment Titles</b>	
1. Atoms and Nuclear Energy	9. Science and Space
2. Measurement	10. Population and Environment
3. Quiz 1	11. Quiz 4
4. Weight, Mass, and Density	12. Special Project
5. Quiz 2	13. Test
6. The Earth's Surface	14. Alternate Test
7. Oceans and Continents	15. Reference
8. Quiz 3	

<b>GED PREP SCIENCE</b>	
<b>UNIT 3: GED PREP: MATTER, ENERGY, AND MACHINES</b>	
<b>Assignment Titles</b>	
1. Matter	8. Waves
2. Matter in Change	9. Quiz 3
3. Gases and Moles	10. Special Project
4. Quiz 1	11. Test
5. Energy	12. Alternate Test
6. Quiz 2	13. Reference
7. Machines	

<b>GED PREP SCIENCE</b>	
<b>UNIT 4: GED PREP: PRINCIPLES AND APPLICATIONS OF BIOLOGY</b>	
<b>Assignment Titles</b>	
1. Study of Life	8. Applications of Biology
2. Definition of Life	9. Green Revolution
3. Quiz 1	10. Quiz 3
4. Basic Principles of Life	11. Special Project
5. Control System	12. Test
6. Environment of Life	13. Alternate Test
7. Quiz 2	14. Reference

## ACT TEST PREP

ACT* TEST PREP	
UNIT 1: ORIENTATION TO THE ACT	
Assignment Titles	
1. Introduction and Overview to the ACT	3. Glossary and Credits
2. Test Tips	

ACT* TEST PREP	
UNIT 2: THE ACT ENGLISH TEST	
Assignment Titles	
1. Overview of the ACT English Test	6. Word Use
2. Punctuation, Grammar, and Usage	7. Writing Strategy and Style
3. Sentence and Paragraph Structure	8. English Practice Test
4. Sentence and Paragraph Structure: Pronouns	9. Glossary and Credits
5. Sentence and Paragraph Structure: Syntax and Style	

ACT* TEST PREP	
UNIT 3: THE ACT MATHEMATICS TEST	
Assignment Titles	
1. Overview of the ACT Mathematics Test	4. Plane Geometry/Trigonometry
2. Elementary Algebra	5. Mathematics Practice Test
3. Intermediate Algebra/Coordinate Geometry	6. Glossary and Credits

ACT* TEST PREP	
UNIT 4: THE ACT READING TEST	
Assignment Titles	
1. Overview of the ACT Reading Test	4. Nonfiction
2. Balance and Efficiency	5. Reading Practice Test
3. Fiction	6. Glossary and Credits

ACT* TEST PREP	
UNIT 5: THE ACT SCIENCE TEST	
Assignment Titles	
1. Overview of the ACT Science Test	4. Conflicting Viewpoints
2. Data Representation	5. Science Practice Test
3. Research Summaries	6. Glossary and Credits

ACT* TEST PREP	
UNIT 6: THE ACT WRITING TEST	
Assignment Titles	
1. Overview of the ACT Writing Test	3. Prompts for Practice
2. Samples and Comparison	4. Glossary and Credits

ACT* TEST PREP	
UNIT 7: PRACTICE TEST	
Assignment Titles	
1. ACT Practice Test: English	6. ACT Practice Test - Alternate Test 2: English
2. ACT Practice Test: Math	7. ACT Practice Test - Alternate Test 2: Math
3. ACT Practice Test: Reading	8. ACT Practice Test - Alternate Test 2: Reading
4. ACT Practice Test: Science	9. ACT Practice Test - Alternate Test 2: Science
5. ACT Practice Test - Alternate Test 1: English	10. ACT Practice Test - Alternate Test 3: English
ACT Practice Test - Alternate Test 1: Math	ACT Practice Test - Alternate Test 3: Math
ACT Practice Test - Alternate Test 1: Reading	ACT Practice Test - Alternate Test 3: Reading
ACT Practice Test - Alternate Test 1: Science	ACT Practice Test - Alternate Test 3: Science

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## GED TEST PREP

GED TEST PREP	
UNIT 1: REASONING THROUGH LANGUAGE ARTS	
Assignment Titles	
1. Overview and Diagnostic Test	15. Independent and Subordinate Clauses
2. Main Ideas	16. Sentence Errors
3. Cause and Effect, Compare and Contrast	17. Parallel Structure and Agreement
4. Drawing Conclusions and Making Generalizations	18. Capitalization and Punctuation
5. Analyzing Language, Tone, and Word Choice	19. Possessives and Contractions
6. Analyzing Arguments	20. Commonly Confused Words/Homonyms
7. Relationships Between Texts	21. Understanding the Writing Prompt
8. Plot	22. Planning and Organizing Your Writing
9. Understanding Characters	23. Developing a Thesis
10. Theme	24. Gathering Evidence
11. Style and Inferences	25. Writing Your Response
12. Understanding Point of View	26. Revising, Editing, and Polishing
13. Figurative Language	27. Review Test
14. Parts of the Sentence	

GED TEST PREP	
UNIT 2: MATHEMATICAL REASONING	
Assignment Titles	
1. Overview and Diagnostic Test	15. Measurement
2. Numbers, Value, and Order of Operations	16. Units and Conversion
3. Place Value and Rounding	17. Two-dimensional Figures
4. Factors, Multiples, and Exponents	18. Three-dimensional Figures
5. Fractions	19. The Number Line, Power, Roots
6. Decimals	20. Scientific Notation and Algebraic Expressions
7. Ratios	21. Polynomials: Add and Subtract
8. Proportion	22. Polynomials: Divide and Multiply
9. Percentages	23. Equations
10. Pictographs, Line Plots, Histograms	24. Functions
11. Interpreting Data: Tables and Graphs	25. Inequalities
12. Probability	26. Graphing and Coordinate Geometry
13. Statistics	27. Graphing Functions
14. Combinations and Permutations	28. Review Test

GED TEST PREP	
UNIT 3: SOCIAL STUDIES	
Assignment Titles	
1. Overview and Diagnostic Test	11. Branches of Government
2. Understanding Texts and Analyzing Point of View	12. Political Parties and Voting
3. Interpreting Visual Elements	13. Economic Concepts and the U.S. System
4. Evaluating Evidence, Integrating Content	14. The Economy and the Government
5. American Revolution	15. Labor/Consumer Issues
6. Civil War, Westward Expansion	16. Early Civilizations
7. The Progressive Era	17. Exploration and Colonization
8. The Civil Rights Era	18. Current World Issues
9. The Role of the U.S. in the World	19. Review Test
10. The Constitution	

**GED TEST PREP  
UNIT 4: SCIENCE**

**Assignment Titles**

- |  |   |
|--|---|
| 1. Overview and Diagnostic Test          | 11. Theories of Evolution and Natural Selection |
| 2. Scientific Theories                   | 12. Earth and Earth's Resources                 |
| 3. Scientific Method                     | 13. Weather and Climate                         |
| 4. Conducting Investigations             | 14. Solar System and the Universe               |
| 5. Reasoning and Evaluating              | 15. Atoms and Molecules                         |
| 6. Cell Structures and Functions         | 16. The Periodic Table                          |
| 7. Cell Division and Reproduction        | 17. Energy, Motion, and Forces                  |
| 8. Ecosystems and Food Chains            | 18. Types of Energy                             |
| 9. Human Body Systems and Health         | 19. Science Review Test                         |
| 10. Reproduction, Heredity, and Genetics |   |

**GED TEST PREP  
UNIT 5: GED PRACTICE TEST**

**Assignment Titles**

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|--|--|
| 1. Reasoning Through Language Arts, Part 1                       | 20. Reasoning Through Language Arts, Part 2:<br>Alternate Test 2 |
| 2. Reasoning Through Language Arts, Part 2                       | 21. Reasoning Through Language Arts, Part 3:<br>Alternate Test 2 |
| 3. Reasoning Through Language Arts, Part 3                       | 22. Mathematical Reasoning, Part 1: Alternate Test 2             |
| 4. Mathematical Reasoning, Part 1                                | 23. Mathematical Reasoning, Part 2: Alternate Test 2             |
| 5. Mathematical Reasoning, Part 2                                | 24. Social Studies, Part 1: Alternate Test 2                     |
| 6. Social Studies, Part 1  | 25. Social Studies, Part 2: Alternate Test 2                     |
| 7. Social Studies, Part 2  | 26. Science, Part 1: Alternate Test 2                            |
| 8. Science, Part 1   | 27. Science, Part 2: Alternate Test 2                            |
| 9. Science, Part 2   | 28. Reasoning Through Language Arts, Part 1:<br>Alternate Test 3 |
| 10. Reasoning Through Language Arts, Part 1:<br>Alternate Test 1 | 29. Reasoning Through Language Arts, Part 2:<br>Alternate Test 3 |
| 12. Reasoning Through Language Arts, Part 3:<br>Alternate Test 1 | 30. Reasoning Through Language Arts, Part 3:<br>Alternate Test 3 |
| 13. Mathematical Reasoning, Part 1: Alternate Test 1             | 31. Mathematical Reasoning, Part 1: Alternate Test 3             |
| 14. Mathematical Reasoning, Part 2: Alternate Test 1             | 32. Mathematical Reasoning, Part 2: Alternate Test 3             |
| 15. Social Studies, Part 1: Alternate Test 1                     | 33. Social Studies, Part 1: Alternate Test 3                     |
| 16. Social Studies, Part 2: Alternate Test 1                     | 34. Social Studies, Part 2: Alternate Test 3                     |
| 17. Science, Part 1: Alternate Test 1                            | 35. Science, Part 1: Alternate Test 3                            |
| 18. Science, Part 2: Alternate Test 1                            | 36. Science, Part 2: Alternate Test 3                            |
| 19. Reasoning Through Language Arts, Part 1:<br>Alternate Test 2 |  |

## HiSET TEST PREP

HiSET TEST PREP UNIT 1: LANGUAGE ARTS — READING TEST	
Assignment Titles	
1. Overview and Diagnostic Test	8. Understanding Characters
2. Identify Main Ideas and Summarize Text	9. Theme
3. Cause and Effect, Compare and Contrast	10. Style and Inferences
4. Drawing Conclusions and Making Generalizations	11. Understanding Point of View
5. Analyzing Language, Tone, and Word Choice	12. Figurative Language
6. Analyzing Arguments	13. Process Categories
7. Plot	14. Review Test

HiSET TEST PREP UNIT 2: LANGUAGE ARTS — WRITING TEST	
Assignment Titles	
1. Overview and Diagnostic Test	9. Understanding the Writing Prompt
2. Parts of the Sentence	10. Planning and Organizing Your Writing
3. Independent and Subordinate Clauses	11. Developing a Thesis
4. Sentence Errors	12. Gathering Evidence
5. Parallel Structure and Agreement	13. Writing Your Response
6. Capitalization and Punctuation	14. Revising, Editing, and Polishing
7. Possessives and Contractions	15. Review Test
8. Commonly Confused Words/Homonyms	

HiSET TEST PREP UNIT 3: MATHEMATICS	
Assignment Titles	
1. Overview and Diagnostic Test	12. Linear Relationships
2. Numbers, Value, and Order of Operations	13. Probability
3. Real and Complex Numbers	14. Statistics
4. Factors, Multiples, and Exponents	15. Combinations and Permutations
5. Ratios, Proportions, Percents	16. Algebraic Symbols and Functions
6. Measurable Attributes of Objects	17. Linear and Nonlinear Functions and Inequalities
7. Techniques, Formulas, and Tools for Measuring	18. Simplifying Expressions, Functions
8. Properties of Geometric Figures	19. Expressions, Relations, Equations
9. Theorems of Lines and Triangles	20. Process Categories
10. Perimeter, Surface Area, Volume, Length, Angles	21. Review Test
11. Counting and Distribution	

HiSET TEST PREP UNIT 4: SOCIAL STUDIES	
Assignment Titles	
1. Overview and Diagnostic Test	10. Economic Concepts and the U.S. System
2. American Revolution	11. The Economy and the Government
3. Civil War, Westward Expansion	12. Supply and Demand/Needs and Wants
4. The Progressive Era, Civil Rights	13. Physical and Human Geography
5. Major Eras in World History	14. Economic, Political, and Social Factors
6. The Role of the U.S. in the World	15. Using Maps and Other Tools
7. Citizenship and Civic Ideals	16. Social Studies Process Categories
8. Different Systems of Government	17. Review Test
9. The Role of the Citizen: Rights and Responsibilities	

HiSET TEST PREP UNIT 5: SCIENCE	
Assignment Titles	
1. Overview and Diagnostic Test	8. Geologic Structures and Processes
2. Cell Structures and Function	9. Solar System and the Universe
3. Cell Division and Reproduction	10. Atoms and Molecules
4. Ecosystems and Food Chains	11. Energy, Motion, and Forces
5. Human Body Systems and Health	12. Types of Energy
6. Reproduction, Heredity, and Genetics	13. Process Categories
7. Earth and Earth's Resources	14. Review Test



**HiSET TEST PREP  
UNIT 6: HISET PRACTICE TEST**

**Assignment Titles**

- |   |   |
|---|---|
| 1. Reasoning Through Language Arts — Reading                            | 16. Reasoning Through Language Arts — Writing, Part 1: Alternate Test 2 |
| 2. Reasoning Through Language Arts — Writing, Part 1                    | 17. Reasoning Through Language Arts — Writing, Part 2: Alternate Test 2 |
| 3. Reasoning Through Language Arts — Writing, Part 2                    | 18. Mathematical Reasoning, Part 1: Alternate Test 2                    |
| 4. Mathematical Reasoning, Part 1                                       | 19. Mathematical Reasoning, Part 2: Alternate Test 2                    |
| 5. Mathematical Reasoning, Part 2                                       | 20. Social Studies, Part 1: Alternate Test 2                            |
| 6. Social Studies, Part 1   | 21. Science, Part 1: Alternate Test 2                                   |
| 7. Science, Part 1  | 22. Reasoning Through Language Arts — Reading: Alternate Test 3         |
| 8. Reasoning Through Language Arts — Reading: Alternate Test 1          | 23. Reasoning Through Language Arts — Writing, Part 1: Alternate Test 3 |
| 9. Reasoning Through Language Arts — Writing, Part 1: Alternate Test 1  | 24. Reasoning Through Language Arts — Writing, Part 2: Alternate Test 3 |
| 10. Reasoning Through Language Arts — Writing, Part 2: Alternate Test 1 | 25. Mathematical Reasoning, Part 1: Alternate Test 3                    |
| 11. Mathematical Reasoning, Part 1: Alternate Test 1                    | 26. Mathematical Reasoning, Part 2: Alternate Test 3                    |
| 12. Mathematical Reasoning, Part 2: Alternate Test 1                    | 27. Social Studies, Part 1: Alternate Test 3                            |
| 13. Social Studies, Part 1: Alternate Test 1                            | 28. Science, Part 1: Alternate Test 3                                   |
| 14. Science, Part 1: Alternate Test 1                                   |   |
| 15. Reasoning Through Language Arts — Reading: Alternate Test 2         |   |

## TASC TEST PREP

TASC TEST PREP UNIT 1: LANGUAGE ARTS - READING LITERACY	
Assignment Titles	
1. Overview and Diagnostic Test	9. Relationships Between Texts
2. Identify Main Ideas and Summarize Text	10. Plot and Theme
3. Analyze the Structures of Texts	11. Understanding Characters
4. Cause and Effect, Compare and Contrast	12. Understanding Point of View
5. Drawing Conclusions and Making Generalizations	13. Figurative Language
6. Analyzing Language, Tone, and Word Choice	14. Evaluate Diverse Media and Formats
7. Understanding Academic Language	15. Review Test
8. Analyzing Arguments and Claims	

TASC TEST PREP UNIT 2: LANGUAGE ARTS - WRITING	
Assignment Titles	
1. Overview and Diagnostic Test	7. Understanding the Writing Prompt
2. Sentence Structure	8. Planning and Organizing Your Writing
3. Sentence Errors: Run-ons and Comma Splices, and Parallelism	9. Developing a Thesis
4. Capitalization and Punctuation	10. Write Arguments to Support a Claim
5. Possessives and Contractions	11. Strengthening Writing
6. Commonly Confused Words/Homonyms	12. Review Test

TASC TEST PREP UNIT 3: MATHEMATICS	
Assignment Titles	
1. Overview and Diagnostic Test	9. Circles
2. Numbers, Value, and Order of Operations	10. Probability
3. Complex Numbers	11. Statistics
4. Expressions and Equations	12. Combinations and Permutations
5. Measurement	13. Algebraic Expressions and Functions
6. Perimeter, Surface Area, Volume, Length, Angles	14. Polynomials
7. Expressing Geometric Figures	15. Interpreting Functions
8. Lines and Triangles	16. Reasoning with Equations and Inequalities
	17. Review Test

TASC TEST PREP UNIT 4: SOCIAL STUDIES	
Assignment Titles	
1. Overview and Diagnostic Test	9. The Role of the Citizen
2. Civil War and Reconstruction	10. Politics and Government
3. The Industrial Era	11. Economic Basics
4. Post-war United States (1940s-1970s)	12. Government and Economics
5. Age of Revolutions (1750-1914)	13. Micro- and Macroeconomics
6. Crisis and Achievement (1900-1945)	14. Places and Regions
7. The World Since 1945	15. Environment and Society
8. The Constitution	16. Review Test

TASC TEST PREP UNIT 5: SCIENCE	
Assignment Titles	
1. Overview and Diagnostic Test	9. Earth Systems
2. Cell Structures and Function	10. Earth's Place in the Universe
3. Cell Division and Reproduction	11. Matter
4. Ecosystems	12. Motion and Forces
5. Human Body Systems and Health	13. Types of Energy
6. Heredity and Genetics	14. Waves
7. Theories of Evolution and Natural Selection	15. Review Test
8. Earth and Earth's Resources	

**TASC TEST PREP  
UNIT 6: TASC PRACTICE TESTS**

**Assignment Titles**

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|--|--|
| 1. Reasoning Through Language Arts, Part 1                       | 16. Reasoning Through Language Arts, Part 2:<br>Alternate Test 2 |
| 2. Reasoning Through Language Arts, Part 2                       | 17. Reasoning Through Language Arts, Part 3:<br>Alternate Test 2 |
| 3. Reasoning Through Language Arts, Part 3                       | 18. Mathematical Reasoning, Part 1: Alternate Test 2             |
| 4. Mathematical Reasoning, Part 1                                | 19. Mathematical Reasoning, Part 2: Alternate Test 2             |
| 5. Mathematical Reasoning, Part 2                                | 20. Social Studies, Part 1: Alternate Test 2                     |
| 6. Social Studies, Part 1  | 21. Science, Part 1: Alternate Test 2                            |
| 7. Science, Part 1   | 22. Reasoning Through Language Arts, Part 1:<br>Alternate Test 3 |
| 8. Reasoning Through Language Arts, Part 1:<br>Alternate Test 1  | 23. Reasoning Through Language Arts, Part 2:<br>Alternate Test 3 |
| 9. Reasoning Through Language Arts, Part 2:<br>Alternate Test 1  | 24. Reasoning Through Language Arts, Part 3:<br>Alternate Test 3 |
| 10. Reasoning Through Language Arts, Part 3:<br>Alternate Test 1 | 25. Mathematical Reasoning, Part 1: Alternate Test 3             |
| 11. Mathematical Reasoning, Part 1: Alternate Test 1             | 26. Mathematical Reasoning, Part 2: Alternate Test 3             |
| 12. Mathematical Reasoning, Part 2: Alternate Test 1             | 27. Social Studies, Part 1: Alternate Test 3                     |
| 13. Social Studies, Part 1: Alternate Test 1                     | 28. Science, Part 1: Alternate Test 3                            |
| 14. Science, Part 1: Alternate Test 1                            |  |
| 15. Reasoning Through Language Arts, Part 1:<br>Alternate Test 2 |  |