



## BJU Press - 4th Grade - Science - Quarter 1 Map

Week	Lessons	Project/ Activity	Modification	Submit	Objectives
1	Lessons 1-6		Do Lessons 1 and 2 together and 5 and 6 together		<p>Lesson 1: define worldview, list characteristics of a Christian worldview, list characteristics of a Christian worldview, apply a Christian worldview to science Pages 1-2 God as Source of all Wisdom, God's Use of Creation for His Glory</p> <p>Lesson 2: recognize the interrelationship of science concepts, explain that a wildlife manager uses wisdom, apply the concept of wisdom to each student's responsibilities Pages 3-5 God as source of all wisdom, God's use of creation for His glory</p> <p>Lesson 3: identify the parts of an ecosystem, identify the basic needs of living things, recognize that basic needs are met through resources, name an example of competition Pages 6-9 People as God's special creation, God's variety in creation, God's provision for His creation</p> <p>Lesson 4: explain why it is necessary to look at the world with biblical perspective, explain from the Bible the source of food for both people and animals before the Fall, Analyze different kinds of teeth through the lens of scripture</p> <p>Lesson 5-6: List ways that God provides food for plants and animals, describe how plants get food, identify characteristics, animals use to get food, identify types of shelters animals use, describe how working together benefits some</p>

					animals Pages 10-13
2	Lessons 7-11	Science Experiments	Do lessons 8 and 9 together and 10 and 11 together (you may work on them for part of a day and half of a day)		<p>Lesson 7: Use Scientific Method, Science Experiment</p> <p>Lesson 8-9: Activity- copying nature, model different kinds of bird beaks, relate the results to actual birds, communicate information to other students Pages 14-15</p> <p>Lesson 10-11: describe adaptations from a Christian worldview, identify camouflage mimicry migration and hibernation as ways animals survive, name some examples of camouflage mimicry migration and hibernation Pages 16-19</p>
3	Lessons 12-15	Hiding and Finding		Hiding and Finding	<p>Lesson 12: Activity- Hiding and Finding observe how camouflage works, record and interpret data</p> <p>Lesson 13-14 Exploration Striving to Survive, research an endangered plant or animal, write about an endangered plant or animal, give an oral presentation with a visual Page 22</p> <p>Lesson 15: recognize that each living thing has an effect on its environment, infer that increase development often results in decreased habits for plants and animals, identify pollution as anything that makes the water air or land dirty Pages 23-25</p>
4	Lesson 16-21		Do lessons 20 and 21 together		<p>Lesson 16: Chapter Review</p> <p>Lesson 17: Chapter 1 Test</p> <p>Lesson 18: list ways that a beekeeper uses wisdom, explain how beekeeping fits into a Christian worldview of science, defend the claim that keeping the claim that keeping bees is an activity that pleases God Page 27</p>

				<p>Lesson 19: recognize that arthropods are one kind of vertebrate, explain why an insect is an arthropod, identify insects as the largest group of arthropods, identify parts of an insect Pages 28-29</p> <p>Lesson 20-21 Exploration Insect Collection, identify insect parts, record observations about insects organize in a display Pages 30-31</p>
5	Lesson 22-27		Do lessons 22 and 23 together and 26 and 27 together, Do lessons 24-25 in 2 days	<p>Lesson 22-23: list ways that God gives each insect what it needs to survive in its ecosystem Pages 32-35</p> <p>Lesson 24-25: Activity- Amazing Discovery Make a model of an imaginary insect, apply information about insects and environments, define and use terms in context Pages 36-37</p> <p>Lesson 26: name two insects that go through incomplete metamorphosis, describe the stages of incomplete metamorphosis Page 38;</p> <p>Lesson 27: name two insects that go through complete metamorphosis, describe the stages of complete metamorphosis Page 39</p>
6	Lesson 28-33		Do lessons 29 and 30 together and 32 and 33 together	<p>Lesson 28: recognize that some insects live and work together in groups, describe some ways honey bees work together, compare different types of ants, name some jobs that members of an insect colony have Pages 40-43;</p> <p>Lesson 29-30: observe and compare the ants' responses to different foods Pages 44-45; Lesson 31:use PQ3R method to read informational text;</p> <p>Lesson 32-33: compare the bodies of insects and spiders, describe some ways spiders get their food, identify two poisonous spiders Pages 46-49</p>

7	Lesson 34-38		Do lessons 37-38	Chapter 2 Test	<p>Lesson 34: Review;</p> <p>Lesson 35: Test;</p> <p>Lesson 36: describe the goals of a landscape architect, explain how a landscape architect, justify the work of a landscape architect from Gen 1:28;</p> <p>Lesson 37-38: identify and describe parts of a flower, explain when pollination occurs, name three ways plants can be pollinated Pages 52-55</p>
8	Lesson 39-43		Do lessons 40 and 41 together and Do Lessons 42 and 43 together		<p>Lesson 39: recognize that a fruit is the part of a plant that contains seeds, name four ways seeds can be dispersed, identify the parts of a seed Pages 56-58;</p> <p>Lesson 40-41: observe seeds in fruits, record information about seeds Page 40;</p> <p>Lesson 42: identify some conditions a seed needs to germinate, describe the life cycle of a plant, name some ways plants reproduce without seeds Pages 60-62;</p> <p>Lesson 43: measure mass to the nearest gram, measure volume using milliliters;</p> <p>Lesson 44: experiment to test a hypothesis, infer conditions needed for green beans to germinate Pages 63-64</p>
9	Lesson 44-48		Do lessons 45 and 46 together, do lessons 47 and 48 together	Chapter 3 Test	<p>Lesson 45-46: describe some ways botanists classify plants, identify a fern as a plant that reproduces by spores, differentiate between the locations of seeds in flowering plants and in conifers Pages 65-67;</p> <p>Lesson 47-48: classify leaves by chosen criteria, communicate classification criteria to others;</p> <p>Lesson 49: Chapter Review; Lesson 50: Chapter 3 Test</p>