



## Standard Course

UNIT	PROJECT	BOOK/ITEM	NOTE
		A printer to print out scientific method sheets	General purchase
Unit 2: Plants	<i>Lab: Growing Plants</i>	<input type="checkbox"/> 4 dark containers such as paper cups <input type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Sand <input type="checkbox"/> Seeds (grass seeds or any seeds of the same kind) <input type="checkbox"/> Drip pan <input type="checkbox"/> Scissors (ask for help from an adult) <input type="checkbox"/> Small cardboard square <input type="checkbox"/> A marker	
Unit 4: You Are What You Eat	<i>Lab: Eat the Rainbow</i>	<input type="checkbox"/> A printed copy of page two of the scientific method sheet (found in the project) <input type="checkbox"/> A pair of scissors <input type="checkbox"/> A glue stick	
Unit 6: Sounds and You	<i>Lab: Identify Rocks</i>	<input type="checkbox"/> Slideshow in Ignitia	





## Honor Course

UNIT	PROJECT	BOOK/ITEM	NOTE
Unit 1: Grow and Change	<i>Lab: Take Your Pulse</i>	<input type="checkbox"/> A stopwatch or clock with a second hand (a stopwatch on a phone works well) <input type="checkbox"/> Two partners	
Unit 2: Plants	<i>Lab: Growing Plants</i>	<input type="checkbox"/> 4 dark containers such as paper cups <input type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Sand <input type="checkbox"/> Seeds (grass seeds or any seeds of the same kind) <input type="checkbox"/> Drip pan <input type="checkbox"/> Scissors (ask for help from an adult) <input type="checkbox"/> Small cardboard square <input type="checkbox"/> A marker	
Unit 3	<i>Lab: Vertebrate Chart</i>	<input type="checkbox"/> A printed copy of page two of this report (found in the project) <input type="checkbox"/> A pair of scissors <input type="checkbox"/> A glue stick	
Unit 4: You Are What You Eat	<i>Lab: Eat the Rainbow</i>	<input type="checkbox"/> A printed copy of page two of the scientific method sheet (found in the project) <input type="checkbox"/> A pair of scissors <input type="checkbox"/> A glue stick	
Unit 5: Properties of Matter	<i>Lab: Is Air Matter?</i>	<input type="checkbox"/> Two balloons of the same size (the larger, the better) <input type="checkbox"/> A thumbtack <input type="checkbox"/> A thin dowel (see the example in the slideshow) <input type="checkbox"/> String <input type="checkbox"/> Tape <input type="checkbox"/> An object to attach the dowel to (we used a microphone stand) so that it is about a foot or two away from any other object <input type="checkbox"/> Colored pencils	





Unit 6: Sounds and You	<i>Lab: Rubber Band Guitar</i>	<input type="checkbox"/> A long, empty tissue box <input type="checkbox"/> Two pencils (broken pencils work well) <input type="checkbox"/> Assorted rubber bands (at least one thin and one thicker rubber band) <input type="checkbox"/> (Optional) scissors <input type="checkbox"/> (Optional) an empty paper towel roll (optional as a guitar neck) <input type="checkbox"/> (Optional) supplies for decorating your guitar (glue, construction paper, tape, markers, stickers)	
Unit 7: Time and Seasons	<i>Lab: The Earth's Rotation</i>	<input type="checkbox"/> Blue and green PlayDoh or modeling clay <input type="checkbox"/> A pushpin <input type="checkbox"/> A pencil <input type="checkbox"/> Colored pencils	
Unit 8: Rocks and Their Change	<i>Lab: Identify Rocks</i>	<input type="checkbox"/> Slideshow in Ignitia	
Unit 9: Heat Energy	<i>Lab: Oxygen and Fire</i>	<input type="checkbox"/> 3 candles (all the same size) <input type="checkbox"/> 1-quart jar <input type="checkbox"/> 1-pint jar <input type="checkbox"/> Matches <input type="checkbox"/> Timer (a phone timer works well) <input type="checkbox"/> An adult to supervise <input type="checkbox"/> Optional: a plate or candle holder to place below the candles to catch any wax	
Unit 10- Review	<i>Lab: Temperature Comparisons</i>	<input type="checkbox"/> Two small cardboard boxes that are the same size (empty tea boxes are recommended) <input type="checkbox"/> Black paper <input type="checkbox"/> White paper <input type="checkbox"/> A thermometer <input type="checkbox"/> Scissors <input type="checkbox"/> A glue stick	

