



5th Grade Science

Standard Course

UNIT	PROJECT	BOOK/ITEM	NOTES
		<ul style="list-style-type: none"> A printer to print out scientific method sheets 	General purchase
Unit 2: Plants Life Cycle	Lab: Seed Dissection	<ul style="list-style-type: none"> A beaker half full of water 2 or 3 lima bean seeds A razor blade or a craft knife Tweezers A magnifying glass An adult to supervise 	
Unit 4: Balance of Nature	Lab: Ecosystem	<ul style="list-style-type: none"> Pictures of plants and animals (drawn or online) 	
Unit 6: Records in the Rocks: Fossils	Lab: Combining Fossils	<ul style="list-style-type: none"> List A of animal skeletons (included in scientific method sheet) List B of animal skeletons (included in scientific method sheet) Colored pencils or pens (optional) A separate sheet of paper (if needed) Animal skeletons resource 	
Unit 8: Cycles in Nature	Activity: Sunlight	<ul style="list-style-type: none"> Worksheet in Ignitia Orange and blue colored pens/pencils/crayons OR color fill on a computer document. Research link 	



Honor Course

UNIT	PROJECT	BOOK/ITEM	NOTES
Unit 1: Cells	Lab: Onion Cells	<ul style="list-style-type: none">• A microscope• Rubber gloves• An onion bulb• A knife• Tweezers• A microscope slide• A slide cover• Iodine stain• An eye dropper• A cutting board• A knife• An adult to supervise	
Unit 2: Plants Life Cycles	Lab: Seed Dissection	<ul style="list-style-type: none">• A beaker half full of water• 2 or 3 lima bean seeds• A razor blade or a craft knife• Tweezers• A magnifying glass• An adult to supervise	
Unit 3: Animals Life Cycles	Activity: Darkling Beetle	<ul style="list-style-type: none">• Worksheet in Ignitia	
Unit 4: Balance of Nature	Lab: Ecosystem	<ul style="list-style-type: none">• Pictures of plants and animals (drawn or online)	
Unit 5: Transformation of Energy	Lab: Vinegar and Baking Soda	<ul style="list-style-type: none">• About 50mL of vinegar at room temperature• 1 spoonful of baking soda at room temperature• A clear container• A thermometer	
Unit 6: Records in the Rock: The Flood	Activity: Noah and the Flood	<ul style="list-style-type: none">• Worksheet in Ignitia	



Unit 7 : Records in the Rock: Fossils	Lab: Combining Fossils	<ul style="list-style-type: none">• List A of animal skeletons (included in scientific method sheet)• List B of animal skeletons (included in scientific method sheet)• Colored pencils or pens (optional)• A separate sheet of paper (if needed)• Animal skeletons resource	
Unit 8: Records in Rock: Geology	Lab: Erosion	<ul style="list-style-type: none">• A plastic or metal pan• A board of at least 30 centimeters• A mixture of soil, sand, and large and small pebbles• A 1-liter container full of water	
Unit 9: Cycles in Nature	Activity: Sunlight	<ul style="list-style-type: none">• Worksheet in Ignitia• Orange and blue colored pens/pencils/crayons OR color fill on a computer document.• Research link	