

<p><b>Suggested Time Line</b> How much time will be spent on this learning</p>	<p><b>Essential Questions and Content</b> What will be taught?</p>	<p><b>NJCCC Standards</b> What state standards will be met by these objectives?</p>	<p><b>Instructional Objectives</b> What will the students know or be able to do as a result of this instruction?</p>	<p><b>Assessment</b> What evidence will I collect that demonstrate that the students have achieved the objective?</p>	<p><b>Instructional Domain</b> How will the learning be structured?</p>	<p><b>Instructional Activities</b> What will the students do to achieve the objective?</p>
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<p><u>Unit 1...</u> How Living Things Function 3-4 weeks</p>	<p>How do plants use their parts? How do parts help classify plants? What are the parts of a plant? What do plants and animals need to survive? How does a plant make food? How does a plant use its parts to survive in their environment? How do their parts help plants survive? Which animals are vertebrates? Which animals are invertebrates? Which animals lived long ago?</p>	<p>5.1 5.4 B-1 C-1,2 5.5 A-1.2 5.5 C-1</p>	<p>Identify the parts of a plant and their function. Discuss plants and their classification. Explain how plants survive and reproduce in the environment. Classify animals as vertebrates and invertebrates. Discuss fossils and how animals lived long ago. Compare modern animals to extinct animals. Discuss plants and animals and how they grow, reproduce and die. Recognize the stages of the life cycle. Discuss common traits in offspring and parents.</p>	<p>-Class discussions -Writing Assignments -Quizzes -Tests -Essays -Vocabulary -Projects -Comprehension questions</p>	<p>-Web Quests -Logs and labs records - Class discussions -Independent student reading and writing assignments -Differentiated Instruction -Critical thinking Activities -Group classroom projects -Teacher made review questions</p>	<p>-Read the text book (discuss, analyze and write about the material) -Participate in class discussions -Cooperative learning activities -Complete Web Quests -Answer comprehension questions -science experiments -Complete workbook exercises -Paired and shared reading -Guided reading -Primary and secondary sources -Graphic organizers</p>
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<p><u>Unit 2-</u> Living Things in Their Environment 3-4 weeks</p>	<p>What are the needs of living things? What living things and nonliving things do living things depend on? How do living things compete? What do living things use for shelter? How do adaptations help living things? What do the organisms in an ecosystem depend on for survival? What happens when habitats change? What is a flow chart?</p>	<p>5.1 5.4 B-1 C-1,2 5.5 A-1.2 5.10 A-1 B-1</p>	<p>Discuss the basic needs of living things. Distinguish organisms and how they interact and compete in the environment. Discuss organisms and how they adapt to their environment and how they affect their environment. Recognize the Sun as an energy need. Discuss the flow of a food chain. Recognize the animals and plants in ecosystems.</p>	<p>-Class discussions -Writing Assignments -Quizzes -Tests -Essays -Vocabulary -Projects -Comprehension questions</p>	<p>-Web Quests -log and lab records - Class discussions -Independent student reading and writing assignments -Differentiated Instruction -Critical thinking Activities -Group classroom projects -Teacher made review questions</p>	<p>-Read the text book (discuss, analyze and write about the material) -Participate in class discussions -Cooperative learning activities -Complete Web Quests -Answer comprehension questions -science experiments -Complete workbook exercises -Paired and shared reading -Guided reading -Primary and secondary sources -Graphic organizers</p>
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<p><u>Unit 3</u> Earth's Resources 3-4 weeks</p>	<p>What is Earth's surface like? What kind of landforms are on the Earth's surface? How is the amount of salt water compared to the fresh water on the Earth? How does the Earth's crust change? What are the Earth's layers? How are rocks formed? How do rapid and slow changes affect the Earth surface? What is the difference between weathering and erosion? Where does soil come from?</p>	<p>5.1 5.4 B-1 C-1,2 5.8 A-1 5.8 C,D 1</p>	<p>Identify the oceans and landforms on the earth. Distinguish slow and rapid changes in the earth's crust. Discuss fossils and what was on the earth long age. Define soil and identify the types found in the Earth. Identify natural resources and people use them. Discuss fossil fuels and alternate energy resources. Explain how conservation is necessary for earth.</p>	<p>-Class discussions -Writing Assignments -Quizzes -Tests -Essays -Vocabulary -Projects -Comprehension questions</p>	<p>-Web Quests -lab and log records - Class discussions -Independent student reading and writing assignments -Differentiated Instruction -Critical thinking Activities -Group classroom projects -Teacher made review questions</p>	<p>-Read the text book (discuss, analyze and write about the material) -Participate in class discussions -Cooperative learning activities -Complete Web Quests -Answer comprehension questions -science experiments -Complete workbook exercises -Paired and shared reading -Guided reading -Primary and secondary sources -Graphic organizers</p>
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<p><u>Unit 4</u> The Earth in Space 3-4 weeks</p>	<p>What are the natural resources? What is the difference between a renewable and nonrenewable resource? What are Energy resources? How can resources be conserved? What is pollution and where can it be found?</p>	<p>5.1 5.4 B-1 C-1,2 5.8 B-1,2,3,4 5.8 C 5.9 A-1,2 B-1 C-1,2 D</p>	<p>Discuss the changes in water in the water cycle. Define weather and how its change is measured. Define climate and how it varies with latitude. Discuss how scientists study space. Identify the nine planets and how they make up our solar system. Discuss how night and day occur through the earth's rotation. Identify the moon's phases. Discuss the Sun and the stars as constellations.</p>	<p>-Class discussions -Writing Assignments -Quizzes -Tests -Essays -Vocabulary -Projects -Comprehension questions</p>	<p>-Web Quests -log and lab records - Class discussions -Independent student reading and writing assignments -Differentiated Instruction -Critical thinking Activities -Group classroom projects -Teacher made review questions</p>	<p>-Read the text book (discuss, analyze and write about the material) -Participate in class discussions -Cooperative learning activities -Complete Web Quests -Answer comprehension questions -science experiments -Complete workbook exercises -Paired and shared reading -Guided reading -Primary and secondary sources -Graphic organizers</p>
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<p><u>Unit 5</u> Matter 3-4 weeks</p>	<p>What are physical properties? What is a physical change in matter? What are the chemical changes in matter? What properties can be observed and measured in matter? How are mass and weight different? What are mixtures and its properties? What are solutions and its properties? How can mixtures be separated? How can substances in a mixture be separated? How can a solution be separated?</p>	<p>5.1 5.4 B-1 C-1,2 5.6 A-1,2,3 5.6 B-1</p>	<p>Discuss the physical properties of matter and how it can be measured. Discuss the chemical changes of matter and new matter that occurs through the change. Discuss the physical properties of combined solids, liquids, and gases. Define mixture and discuss the properties of the mixture. Define solution and the properties of the solution.</p>	<ul style="list-style-type: none"> <li>-Class discussions</li> <li>-Writing Assignments</li> <li>-Quizzes</li> <li>-Tests</li> <li>-Essays</li> <li>-Vocabulary</li> <li>-Projects</li> <li>-Comprehension questions</li> </ul>	<ul style="list-style-type: none"> <li>-Web Quests</li> <li>-log and lab records</li> <li>- Class discussions</li> <li>-Independent student reading and writing assignments</li> <li>-Differentiated Instruction</li> <li>-Critical thinking Activities</li> <li>-Group classroom projects</li> <li>-Teacher made review questions</li> </ul>	<ul style="list-style-type: none"> <li>-Read the text book (discuss, analyze and write about the material)</li> <li>-Participate in class discussions</li> <li>-Cooperative learning activities</li> <li>-Complete Web Quests</li> <li>-Answer comprehension questions</li> <li>-science experiments</li> <li>-Complete workbook exercises</li> <li>-Paired and shared reading</li> <li>-Guided reading</li> <li>-Primary and secondary sources</li> <li>-Graphic organizers</li> </ul>
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<p><u>Unit 6</u> Energy and Change 3-4 weeks</p>	<p>How is energy stored and released? What are waves? What is electrical energy? What are the forms of energy? What is the difference between potential and kinetic energy? What is energy? What is sound and types of sound? What is heat? What is temperature? What is light and how does it travel? How does thermal energy move?</p>	<p>5.1 5.4 B-1 C-1,2 5.7 A-1,2 5.7 B-1</p>	<p>Define energy and the changes that occur in matter. Define sound and how it travels through matter. Recognize that moving charged particles can be changed to other forms of energy. Discuss that thermal energy moves from warmer objects to cooler objects as heat. Identify thermometers measure hot and cold. Discuss light energy travels in waves that are reflected, refracted and absorbed. Define force and discuss how it changes the motion in objects. Distinguish speed, direction and distance. Identify simple machines and discuss how they make work easier.</p>	<p>-Class discussions -Writing Assignments -Quizzes -Tests -Essays -Vocabulary -Projects -Comprehension questions</p>	<p>-Web Quests -log and lab records - Class discussions -Independent student reading and writing assignments -Differentiated Instruction -Critical thinking Activities -Group classroom projects -Teacher made review questions</p>	<p>-Read the text book (discuss, analyze and write about the material) -Participate in class discussions -Cooperative learning activities -Complete Web Quests -Answer comprehension questions -science experiments -Complete workbook exercises -Paired and shared reading -Guided reading -Primary and secondary sources -Graphic organizers</p>
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**Third Grade**