

Name: Schimmel, Gagnon, Moon		Grading Quarter: 1	Week Beginning: Week 9/25/2023-9/29/2023
School Year: 2023-2023		Subject: 5 <sup>th</sup> Science	
Monday	Notes:	<p><b>Objective:</b></p> <ul style="list-style-type: none"> <li>Students will categorize photos of different types of matter on Earth.</li> <li>Students will model ecosystems, analyze information, and identify parts of Earth's systems.</li> <li>Students will be creating a model of the water cycle to show how water moves from one location to another.</li> <li>Students will simulate energy flow through an ecosystem.</li> <li>Students will research the way energy moves throughout a specific ecosystem.</li> </ul> <p>Lesson Overview:</p> <p>Inspire Science Unit 2: Energy in Ecosystems</p> <ul style="list-style-type: none"> <li>Water Cycle Activity</li> <li>Inquiry Activity: Types of Matter on Earth, Cycling of Matter</li> <li>Lesson 3: Energy Transfer in Ecosystems</li> <li>Food Chain/Food Web activity</li> </ul> <p>Vocabulary:</p> <p>Atmosphere, geosphere, hydrosphere, biosphere, water cycle, nitrogen, condensation, precipitation, runoff, nitrogen cycle, oxygen-carbon cycle, producer, consumer, food chain, food web, energy flow</p>	<p>Academic Standards:</p> <p><b>5.P4U1.6</b> Analyze and interpret data to determine how and where energy is transferred when objects move</p> <p><b>5.L4U3.12</b> Construct an explanation based on evidence that the changes in an environment can affect the development of the traits in a population of organisms.</p> <p><b>5.L3U1.10</b> Construct an explanation based on evidence that the changes in an environment can affect the development of the traits in a population of organisms.</p> <p><b>5.SL.4</b> Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.</p>

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