

Scope and Sequence

Course/Subject: Science

Grade Level: 5th

Month	Unit Title	I can statements or Standards (Desired Results) *Bold power standards*	Acceptable Evidence (Transfer Task)
September - October	Structure and Properties of Matter	<p>5-PS1-1. Develop a model to describe that matter is made of particles too small to be seen.</p> <p>5-PS1-3. Make observations and measurements to identify materials based on their properties.</p>	<p>Performance Tasks:</p> <ul style="list-style-type: none"> ● Modeling Matter ● Testing Matter's Properties ● Using Metals and Nonmetals
November - December	Matter in Ecosystems	<p>5-LS2-1. Develop a model to describe the movements of matter among plants, animals, decomposers, and the environment.</p>	<p>Performance Tasks:</p> <ul style="list-style-type: none"> ● Build a Food Web ● Solve for an Invasive Species ● Plan a Terrarium
January - February	Interactions of Earth's Major Systems	<p>5-ESS2-1. Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.</p> <p>5-ESS2-2. Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.</p> <p>5-ESS3-1. Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.</p>	<p>Performance Tasks:</p> <ul style="list-style-type: none"> ● Earth's Systems Poster ● Rain Shadow ● Where Water is Found ● Water Cycle Model ● Human Impact Research Project
March - April	The Solar System and Beyond	<p>5-ESS1-1. Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth.</p> <p>5-ESS1-2. Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the</p>	<p>Performance Tasks:</p> <ul style="list-style-type: none"> ● Three Cities ● Phases of the Moon ● Model the Solar System ● Model a Constellation

		<p>seasonal appearance of some stars in the night sky.</p> <p>5-PS2-1. Support an argument that the gravitational force exerted by Earth on objects is directed down.</p>	
May - June	Plant and Animal Needs	<p>5-LS1-1. Support an argument that plants get the materials they need for growth chiefly from air and water.</p> <p>5-PS3-1. Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun.</p>	<p>Performance Tasks:</p> <ul style="list-style-type: none"> ● Solution for Survival ● Comparing Cells ● How Plants Use Energy

