

NGSS Grade 2 Standards Conceptual Flow Map

*conceptual flow map is a working draft and subject to revisions throughout the year

Unit/Estimated Dates	Phenomena/ Topic	Standards
<p style="text-align: center;">Unit 1 Landscape shapes</p> <p style="text-align: center;">Dates August/September/October</p>	<p>Mapping Our World</p> <p>How can flat maps show us where landforms are located?</p> <p>What are bodies of water like around the world?</p>	<p>2-ESS2-2 Develop a model to represent the shapes and kinds of land and bodies of water in an area.</p> <p>2-ESS2-3 Obtain Information to identify where water is found on Earth and that it can be solid or liquid.</p>
<p style="text-align: center;">Unit 2 Landscape Materials</p> <p style="text-align: center;">Dates November/December</p>	<p>Properties and States of Matter</p> <p>Why do some things melt?</p> <p>What characteristics should the fabric on a trampoline have?</p> <p>How can you use pieces from one object to make new objects?</p>	<p>2-PS1-1 Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.</p> <p>2-PS1-2 Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.*</p> <p>2-PS1-3 Make observations to construct an</p>

		evidence-based account of how an object made of a small set of pieces can be disassembled and made into a new object.
<p style="text-align: center;">Unit 3 Landscape Changes</p> <p style="text-align: center;">Dates January/February/March</p>	<p>Quick Changes to Land</p> <p>Slow Changes to Land</p> <p>Effects of Wind and Water</p>	<p>2-ESS1-1 Use information from several sources to provide evidence that Earth events can occur quickly or slowly.</p> <p>2-ESS1-1 Use information from several sources to provide evidence that Earth events can occur quickly or slowly.</p> <p>2-ESS2-1 Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.*</p>
<p style="text-align: center;">Unit 4 Biodiversity of Landscapes</p> <p style="text-align: center;">Dates April/June</p>	<p>What plants Need</p> <p>Animal and Plant Dependence</p>	<p>2-LS2-1 Plan and conduct an investigation to determine if plants need sunlight and water to grow.</p> <p>2-LS2-2 Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.*</p>