

## 3rd Grade Science Curriculum Map

Standards	Content	Skills/Practices	Materials/ Resources	Assessments (All) Daily/Weekly/ Benchmarks	Timeline (Months/Weeks/Days)
3-LS1-1	<p><a href="#">Bundle 1 Scope 1: Life Cycle</a>            Reproduction is essential to the continued existence of every kind of organism. Plants and animals have unique and diverse life cycles.</p>	<p>Developing and using models</p> <p>Patterns</p>	<ul style="list-style-type: none"> <li>● Stemsscopes</li> <li>● Lab Materials</li> <li>● Science Spin</li> <li>● Epic</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="#">Claim Evidence Reasoning</a></li> <li>● <a href="#">Open Ended Assessment</a></li> <li>● <a href="#">Multiple Choice Assessment</a></li> </ul>	Sept.
3-LS2-1	<p><a href="#">Bundle 1 Scope 2: Social and Group Behavior</a>            Being part of a group helps some animals obtain food, defend themselves, and survive. Groups may serve different functions and vary dramatically in size.</p>	<p>Engaging in argument from evidence</p> <p>Cause and Effect</p>	<ul style="list-style-type: none"> <li>● Stemsscopes</li> <li>● Lab Materials</li> <li>● Science Spin</li> <li>● Epic</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="#">Claim Evidence Reasoning</a></li> <li>● <a href="#">Open Ended Assessment</a></li> <li>● <a href="#">Multiple Choice Assessment</a></li> </ul>	Sept. .

<p>3-LS3-1 3-5-ETS1-2</p>	<p><b><u>Bundle 2 Scope 1: Inheritance and Variation of Traits</u></b> Many characteristics of organisms are inherited from their parents. Different organisms vary in how they look and functions because they have different inherited information.</p>	<p>Analyzing and interpreting data  Patterns</p>	<ul style="list-style-type: none"> <li>● Stemsscopes</li> <li>● Lab Materials</li> <li>● Science Spin</li> <li>● Epic</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="#">Claim Evidence Reasoning</a></li> <li>● <a href="#">Open Ended Assessment</a></li> <li>● <a href="#">Multiple Choice Assessment</a></li> </ul>	<p>October</p>
<p>3-LS3-2</p>	<p><b><u>Bundle 2 Scope 2: Environmental Traits</u></b> Other characteristics result from individuals' interactions with the environment, which can range from diet to learning. Many characteristics involve both inheritance and environment.</p>	<p>Constructing explanations and designing solutions  Cause and Effect</p>	<ul style="list-style-type: none"> <li>● Stemsscopes</li> <li>● Lab Materials</li> <li>● Science Spin</li> <li>● Epic</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="#">Claim Evidence Reasoning</a></li> <li>● <a href="#">Open Ended Assessment</a></li> <li>● <a href="#">Multiple Choice Assessment</a></li> </ul>	<p>October</p>

	The environment also affects the traits that an organism develops.				
3-LS4-3 3-5-ETS1-1 3-5-ETS1-2	<b><u><a href="#">Bundle 2 Scope 3: Adaptations</a></u></b> For any particular environment, some kinds of organisms survive well, and some cannot survive at all.	Engaging in argument from evidence  Cause and Effect	<ul style="list-style-type: none"> <li>• Stemsscopes</li> <li>• Lab Materials</li> <li>• Science Spin</li> <li>• Epic</li> </ul>	<ul style="list-style-type: none"> <li>• <u><a href="#">Claim Evidence Reasoning</a></u></li> <li>• <u><a href="#">Open Ended Assessment</a></u></li> <li>• <u><a href="#">Multiple Choice Assessment</a></u></li> </ul>	November
3-LS4-4 3-5-ETS1-1 3-5-ETS1-2	<b><u><a href="#">Bundle 2 Scope 4: Environmental Changes and Effects</a></u></b> Populations live in a variety of habitats and change in those habitats affects the organisms living there. When the environment changes in ways that affect a place's physical characteristics, temperature, or	Engaging in argument from evidence  System and System Models	<ul style="list-style-type: none"> <li>• Stemsscopes</li> <li>• Lab Materials</li> <li>• Science Spin</li> <li>• Epic</li> </ul>	<ul style="list-style-type: none"> <li>• <u><a href="#">Claim Evidence Reasoning</a></u></li> <li>• <u><a href="#">Open Ended Assessment</a></u></li> <li>• <u><a href="#">Multiple Choice Assessment</a></u></li> </ul>	December

	availability of resources, some organisms survive and reproduce, others move to new locations, yet others move into the transformed environment, and some die.				
3-LS4-1	<p><b><a href="#">Bundle 3 Scope 1 Plant and Animal Extinction</a></b> Some kinds of plants and animals that once lived on Earth are no longer found anywhere</p>	<p>Analyzing and Interpreting Data</p> <p>Scale, Proportion, and Quantity.</p>	<ul style="list-style-type: none"> <li>• Stemsscopes</li> <li>• Lab Materials</li> <li>• Science Spin</li> <li>• Epic</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Claim Evidence Reasoning</a></li> <li>• <a href="#">Open Ended Assessment</a></li> <li>• <a href="#">Multiple Choice Assessment</a></li> </ul>	January
3-LS4-1	<p><b><a href="#">Bundle 3 Scope 2 Fossils</a></b> Fossils provide evidence about the types of organisms that lived long ago and also about the nature of their environment.</p>	<p>Analyzing and Interpreting Data</p> <p>Scale, Proportion, and Quantity</p>	<ul style="list-style-type: none"> <li>• Stemsscopes</li> <li>• Lab Materials</li> <li>• Science Spin</li> <li>• Epic</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Claim Evidence Reasoning</a></li> <li>• <a href="#">Open Ended Assessment</a></li> <li>• <a href="#">Multiple Choice Assessment</a></li> </ul>	January

<p>3-LS4-2</p>	<p><b><a href="#">Bundle 3 Scope 3 Survival of the Fittest</a></b>  Sometimes the differences in characteristics between individuals of the same species provide advantages in surviving, finding mates, and reproducing.</p>	<p>Constructing Explanations and Designing Solutions</p> <p>Cause and Effect</p>	<ul style="list-style-type: none"> <li>● Stemsopes</li> <li>● Lab Materials</li> <li>● Science Spin</li> <li>● Epic</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="#">Claim Evidence Reasoning</a></li> <li>● <a href="#">Open Ended Assessment</a></li> <li>● <a href="#">Multiple Choice Assessment</a></li> </ul>	<p>February</p>
<p>3-ESS2-1 3-ESS2-2</p>	<p><b><a href="#">Bundle 4 Scope 1 Weather and Climate</a></b>  Scientists record patterns of the weather across different times and areas so that they can make predictions about what kind of weather might happen next. Climate describes a range of an area's typical weather conditions and the extent to</p>	<p>Analyzing and Interpreting Data</p> <p>Obtaining, Evaluating, and Communicating Information</p> <p>Patterns</p>	<ul style="list-style-type: none"> <li>● Stemsopes</li> <li>● Lab Materials</li> <li>● Science Spin</li> <li>● Epic</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="#">Claim Evidence Reasoning</a></li> <li>● <a href="#">Open Ended Assessment</a></li> <li>● <a href="#">Multiple Choice Assessment</a></li> </ul>	<p>February</p>

	which those conditions vary over years.				
3-ESS3-1 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	<b><u><a href="#">Bundle 4 Scope 2 Processes and Impacts of Natural Hazards</a></u></b> A variety of natural hazards results from natural processes. Human cannot eliminate natural hazards but can take steps to reduce their impacts.	Engaging in Argument from Evidence  Cause and Effect	<ul style="list-style-type: none"> <li>• Stemsscopes</li> <li>• Lab Materials</li> <li>• Science Spin</li> <li>• Epic</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Claim Evidence Reasoning</a></li> <li>• <a href="#">Open Ended Assessment</a></li> <li>• <a href="#">Multiple Choice Assessment</a></li> </ul>	March
3-ESS2-3	<b><u><a href="#">Bundle 4 Scope 3 Weather and the Water Cycle</a></u></b> Earth's processes continuously cycle water, contributing to weather and climate	Planning and Carrying out Investigations  Cause and Effect  Stability and Change of Systems	<ul style="list-style-type: none"> <li>• Stemsscopes</li> <li>• Lab Materials</li> <li>• Science Spin</li> <li>• Epic</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Claim Evidence Reasoning</a></li> <li>• <a href="#">Open Ended Assessment</a></li> <li>• <a href="#">Multiple Choice Assessment</a></li> </ul>	March
3-PS2-1 3-PS2-2	<b><u><a href="#">Bundle 5 Scope 1 Objects and Motion</a></u></b> Each force acts on one particular object and has both strength and	Planning and carrying out investigations  Patterns  Cause and Effect	<ul style="list-style-type: none"> <li>• Stemsscopes</li> <li>• Lab Materials</li> <li>• Science Spin</li> <li>• Epic</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Claim Evidence Reasoning</a></li> <li>• <a href="#">Open Ended Assessment</a></li> <li>• <a href="#">Multiple Choice</a></li> </ul>	April

	<p>direction. The patterns of an object's motion in various situations can be observed and measured. Objects in contact exert forces on each other.</p>	Structure and Function		<a href="#">Assessment</a>	
<p>3-PS2-3 3-PS2-4 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3</p>	<p><b><a href="#">Bundle 5 Scope 2 Electric and Magnetic Forces</a></b> Electric and magnetic forces between a pair of objects do not require that the objects be in contact. The sizes of the forces in each situation depend on the properties of the objects and their distances apart and, for forces between two magnets, on their orientation relative to each other.</p>	<p>Asking questions and defining problems  Cause and Effect</p>	<ul style="list-style-type: none"> <li>● Stemsopes</li> <li>● Lab Materials</li> <li>● Science Spin</li> <li>● Epic</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="#">Claim Evidence Reasoning</a></li> <li>● <a href="#">Claim Evidence Reasoning</a></li> <li>● <a href="#">Open Ended Assessment</a></li> <li>● <a href="#">Multiple Choice Assessment</a></li> </ul>	May - June