

<p>Standards visited all year <b>Nature of Science</b></p>	<p><a href="#">SC.2.N.1.1</a>– Scientific Method / Systematic Observations  <a href="#">SC.2.N.1.2</a>– Compare Observations  <a href="#">SC.2.N.1.3</a>– How do you know?  <a href="#">SC.2.N.1.4</a> - Investigative Conclusions  <a href="#">SC.2.N.1.5</a>– Empirical Observation and Inferencing  <a href="#">SC.2.N.1.6</a>– New Ways to Solve Problems</p>	
<p><b>Quarter 1</b> Aug 10 – Oct 12</p>	<p style="text-align: center;"><b>Major Concepts / Topics</b></p> <p><b>Big Idea #1 : Nature of Science</b>  <a href="#">SC.2.N.1.1</a>, <a href="#">SC.2.N.1.2</a>, <a href="#">SC.2.N.1.3</a>, <a href="#">SC.2.N.1.4</a>, <a href="#">SC.2.N.1.5</a>, <a href="#">SC.2.N.1.6</a>  <b>Big Ideas #6: Earth Structures (Rocks and Soil)</b>  <a href="#">SC.2.E.6.1</a>, <a href="#">SC.2.E.6.2</a>, <a href="#">SC.2.E.6.3</a>  <b>Big Ideas #7: Earth Systems and Patterns (Weather)</b>  <a href="#">SC.2.E.7.1</a>, <a href="#">SC.2.E.7.2</a>, <a href="#">SC.2.E.7.3</a>, <a href="#">SC.2.E.7.4</a>, <a href="#">SC.2.E.7.5</a></p>	<p style="text-align: center;"><b>Possible Resources</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Book on Seasons</a></li> <li>• <a href="#">Water in Different Seasons Video</a></li> <li>• <a href="#">Water Cycle Video</a></li> <li>• <a href="#">Tornado Chaser Video</a></li> <li>• <a href="#">Protection from Hazardous Weather Video</a></li> </ul>
<p><b>Quarter 2</b> Oct 15 – Dec 21</p>	<p style="text-align: center;"><b>Major Concepts / Topics</b></p> <p><b>Big Idea #8: Properties of Matter</b>  <a href="#">SC.2.P.8.1</a>, <a href="#">SC.2.P.8.2</a>, <a href="#">SC.2.P.8.3</a>, <a href="#">SC.2.P.8.4</a>, <a href="#">SC.2.P.8.5</a>, <a href="#">SC.2.P.8.6</a>  <b>Big Idea #9: Changes in Matter</b>  <a href="#">SC.2.P.9.1</a></p>	<p style="text-align: center;"><b>Possible Resources</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Properties of Matter</a></li> <li>• <a href="#">Phases of Water</a></li> <li>• <a href="#">Video Clip (Water through Seasons)</a></li> <li>• <a href="#">Changes in Matter</a></li> <li>• <a href="#">Heating and Freezing Game</a></li> <li>• <a href="#">Magnets</a></li> </ul>

All standards are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course are best answered by the individual teacher.

Teachers may use a wide variety of instructional materials throughout their course. The Possible Resources listed may include the district adopted instructional resource or supplemental resources that align to the topic and/or standard. These Possible Resources provide sample problems that align to the topic/standard.

	Major Concepts / Topics	Possible Resources
<p><b>Quarter 3</b> Jan 7 – Mar 14</p>	<p><b>Big Idea #14: Organization and Development of Living Organisms</b> <a href="#">SC.2.L.14.1</a></p> <p><b>Big Idea #16: Heredity and Reproduction</b> <a href="#">SC.2.L.16.1</a></p> <p><b>Big Idea #17: Interdependence</b> <a href="#">SC.2.L.17.1</a>, <a href="#">SC.2.L.17.2</a></p>	<ul style="list-style-type: none"> <li>• <a href="#">Poem Puzzle</a></li> <li>• <a href="#">Online Game</a></li> <li>• (Human Body)</li> <li>• <a href="#">Photographs</a></li> <li>• <a href="#">PowerPoint</a></li> <li>• (Life Cycles)</li> <li>• <a href="#">Video</a></li> <li>• (Basic Needs)</li> </ul>
	Major Concepts / Topics	Possible Resources
<p><b>Quarter 4</b> Mar 25 – May 24</p>	<p><b>Big Idea #10: Forms of Energy</b> <a href="#">SC.2.P.10.1</a></p> <p><b>Big Idea #13: Forces and Motion</b> <a href="#">SC.2.P.13.1</a>, <a href="#">SC.2.P.13.2</a>, <a href="#">SC.2.P.13.3</a>, <a href="#">SC.2.13.4</a></p> <p><b>Big Idea #1: Nature of Science</b> <a href="#">SC.2.N.1.1</a>, <a href="#">SC.2.N.1.2</a>, <a href="#">SC.2.N.1.3</a>, <a href="#">SC.2.N.1.4</a>, <a href="#">SC.2.N.1.5</a>, <a href="#">SC.2.N.1.6</a></p>	

All standards are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course are best answered by the individual teacher.

Teachers may use a wide variety of instructional materials throughout their course. The Possible Resources listed may include the district adopted instructional resource or supplemental resources that align to the topic and/or standard. These Possible Resources provide sample problems that align to the topic/standard.