

## 2<sup>nd</sup> Grade Science **Public** Year-at-a-Glance

2017 – 2018

Standards visited all year <b>Nature of Science</b>	<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		
<b>Quarter 1</b> Aug 10 – Oct 14	<b>Week</b>	<b>Major Concepts / Topics</b>	<b>Possible Resources</b>
	1	<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>	<a href="#">Book on Seasons</a>
	2	<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>	<a href="#">Water in Different Seasons Video</a>
	3	<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>	<a href="#">Water Cycle Video</a>
	4	<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>	<a href="#">Tornado Chaser Video</a>
	5	<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>	<a href="#">Protection from Hazardous Weather Video</a>
	6	<b>Big Ideas #6: 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>	
	7	<b>Big Ideas #6: 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>	
	8	<b>Big Ideas #6: 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>	
	9	<b>Big Ideas #6: 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>	
	<b>Week</b>	<b>Major Concepts / Topics</b>	<b>Possible Resources</b>
	1	<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>	<a href="#">Properties of Matter</a>

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<b>Quarter 2</b> Oct 17 – Dec 21	2	<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>	<a href="#">Phases of Water</a>  <a href="#">Video Clip (Water through Seasons)</a>  <a href="#">Changes in Matter</a>  <a href="#">Heating and Freezing Game</a>
	3	<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>	
	4	<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>	
	5	<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>	<a href="#">Magnets</a>
	6	<b>Big Idea #9: Changes in Matter</b> <a href="#">SC.2.P.9.1</a>	
	7	<b>Big Idea #9: Changes in Matter</b> <a href="#">SC.2.P.9.1</a>	
	8	<b>Big Idea #9: Changes in Matter</b> <a href="#">SC.2.P.9.1</a>	
	9	<b>Big Idea #9: Changes in Matter</b> <a href="#">SC.2.P.9.1</a>	
	<b>Quarter 3</b> Jan 5 – Mar 10	<b>Week</b>	<b>Major Concepts / Topics</b>
1		<b>Big Idea #14: Organization and Development of Living Organisms</b> <a href="#">SC.2.L.14.1</a>	<a href="#">Poem Puzzle</a> <a href="#">Online Game</a> (Human Body)
2		<b>Big Idea #14: Organization and Development of Living Organisms</b> <a href="#">SC.2.L.14.1</a>	
3		<b>Big Idea #14: Organization and Development of Living Organisms</b> <a href="#">SC.2.L.14.1</a>	
4		<b>Big Idea #16: Heredity and Reproduction</b> <a href="#">SC.2.L.16.1</a>	<a href="#">PowerPoint</a> (Life Cycles)
5		<b>Big Idea #16: Heredity and Reproduction</b> <a href="#">SC.2.L.16.1</a>	<a href="#">Video</a> (Basic Needs)
6		<b>Big Idea #17: Interdependence</b> <a href="#">SC.2.L.17.1</a> , <a href="#">SC.2.L.17.2</a>	
7		<b>Big Idea: Interdependence</b> <a href="#">SC.2.L.17.1</a> , <a href="#">SC.2.L.17.2</a>	
8		<b>Big Idea #17: Interdependence</b> <a href="#">SC.2.L.17.1</a> , <a href="#">SC.2.L.17.2</a>	

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	9	<b>Big Idea #17: Interdependence</b> <a href="#">SC.2.L.17.1</a> , <a href="#">SC.2.L.17.2</a>	
<b>Quarter 4</b> Mar 29 – May 24	<b>Week</b>	<b>Major Concepts / Topics</b>	<b>Possible Resources</b>
	1	<b>Big Idea #10: Forms of Energy</b> <a href="#">SC.2.P.10.1</a>	
	2	<b>Big Idea #10: Forms of Energy</b> <a href="#">SC.2.P.10.1</a>	
	3	<b>Big Idea #10: Forms of Energy</b> <a href="#">SC.2.P.10.1</a>	
	4	<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>	
	5	<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>	
	6	<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>	
	7	<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>	
	8	<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>	
	9	<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>	

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