

# 3<sup>rd</sup> Grade Science Public Year-at-a-Glance

2015 – 2016

Standards Taught All Year	Nature of Science	Major Concepts / Topics	Possible Resources
		<b>Big Idea #1: The Practice of Science</b> <a href="#">SC.3.N.1.1</a> , <a href="#">SC.3.N.1.2</a> , <a href="#">SC.3.N.1.3</a> , <a href="#">SC.3.N.1.4</a> , <a href="#">SC.3.N.1.5</a> , <a href="#">SC.3.N.1.6</a> , <a href="#">SC.3.N.1.7</a>	<b>Big Idea #3: The Role of Theories, Laws, Hypothesis, and Models</b> <a href="#">SC.3.N.3.1</a> , <a href="#">SC.3.N.3.2</a> , <a href="#">SC.3.N.3.3</a>
Quarter 1 Aug 10 – Oct 16	Week	Major Concepts / Topics	Possible Resources
	1	<b>Big Idea #1: The Practice of Science</b> <a href="#">SC.3.N.1.1</a> , <a href="#">SC.3.N.1.2</a> , <a href="#">SC.3.N.1.3</a> , <a href="#">SC.3.N.1.4</a> , <a href="#">SC.3.N.1.5</a> , <a href="#">SC.3.N.1.6</a> , <a href="#">SC.3.N.1.7</a>	<a href="#">Plants Life Cycle</a>  <a href="#">Parts of a Plant</a>  <a href="#">Parts of a Flower</a>  <a href="#">Animal Classifications</a>  <a href="#">Are Chickens the Only Ones?</a>  <a href="#">Adaptation</a> (Game)  <a href="#">Ecosystems</a>
	2	<b>Big Idea #3: The Role of Theories, Laws, Hypothesis, and Models</b> <a href="#">SC.3.N.3.1</a> , <a href="#">SC.3.N.3.2</a> , <a href="#">SC.3.N.3.3</a>	
	3	<b>Big Idea #14: Organization and Development of Living Organisms</b> <a href="#">SC.3.L.14.1</a> , <a href="#">SC.3.L.14.2</a>	
	4	<b>Big Idea #14: Organization and Development of Living Organisms</b> <a href="#">SC.3.L.14.1</a> , <a href="#">SC.3.L.14.2</a>	
	5	<b>Big Idea #14: Organization and Development of Living Organisms</b> <a href="#">SC.3.L.14.1</a> , <a href="#">SC.3.L.14.2</a>	
	6	<b>Big Idea #15: Diversity and Evolution of Living Organisms</b> <a href="#">SC.3.L.15.1</a> , <a href="#">SC.3.L.15.2</a>	
	7	<b>Big Idea #15: Diversity and Evolution of Living Organisms</b> <a href="#">SC.3.L.15.1</a> , <a href="#">SC.3.L.15.2</a>	
	8	<b>Big Idea #15: Diversity and Evolution of Living Organisms</b> <a href="#">SC.3.L.15.1</a> , <a href="#">SC.3.L.15.2</a>	
	9	<b>Big Idea #17: Interdependence</b> <a href="#">SC.3.L.17.1</a> , <a href="#">SC.L.17.2</a>	
Quarter 2 Oct 20 – Dec 18	Week	Major Concepts / Topics	Possible Resources
	1	<b>Big Idea #5: Earth Space and Time</b> <a href="#">SC.3.E.5.1</a>	<a href="#">Stars</a>
	2	<b>Big Idea #5: Earth Space and Time</b> <a href="#">SC.3.E.5.1</a>	

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	3	<b>Big Idea #5: Earth Space and Time</b> <a href="#">SC.3.E.5.2</a>	<a href="#">The Sun</a>  <a href="#">Gravity</a>  <a href="#">Seeing Stars</a> (Video)
	4	<b>Big Idea #5: Earth Space and Time</b> <a href="#">SC.3.E.5.3</a> ,	
	5	<b>Big Idea #5: Earth Space and Time</b> <a href="#">SC.3.E.5.4</a>	
	6	<b>Big Idea #5: Earth Space and Time</b> <a href="#">SC.3.E.5.4</a>	
	7	<b>Big Idea #5: Earth Space and Time</b> <a href="#">SC.3.E.5.5</a>	
	8	<b>Big Idea #6: Earth Structures</b> <a href="#">SC.3.E.6.1</a>	
	9	<b>Big Idea #6: Earth Structures</b> <a href="#">SC.3.E.6.1</a>	
<b>Quarter 3</b> Jan 6 – Mar 17	<b>Week</b>	<b>Major Concepts / Topics</b>	<b>Possible Resources</b>
	1	<b>Big Idea #8: Properties of Matter</b> <a href="#">SC.3.P.8.1</a>	<a href="#">Properties of Matter</a>  <a href="#">Solids, Liquids and Gases</a>  <a href="#">Properties of Rocks</a>  <a href="#">Gases Around Us</a>  <a href="#">Water Cycle</a>  <a href="#">Interactive Water Cycle</a>
	2	<b>Big Idea #8: Properties of Matter</b> <a href="#">SC.3.P.8.1</a>	
	3	<b>Big Idea #8: Properties of Matter</b> <a href="#">SC.3.P.8.2</a>	
	4	<b>Big Idea #8: Properties of Matter</b> <a href="#">SC.3.P.8.2</a>	
	5	<b>Big Idea #8: Properties of Matter</b> <a href="#">SC.3.P.8.3</a>	
	6	<b>Big Idea #8: Properties of Matter</b> <a href="#">SC.3.P.8.3</a>	
	7	<b>Big Idea #9: Changes of Matter</b> <a href="#">SC.3.P.9.1</a>	
	8	<b>Big Idea #9: Changes of Matter</b> <a href="#">SC.3.P.9.1</a>	
	9	<b>Big Idea #9: Changes of Matter</b> <a href="#">SC.3.P.9.1</a>	
<b>Quarter 4</b> Mar 29 – May 26	<b>Week</b>	<b>Major Concepts / Topics</b>	
	1	<b>Big Idea #10: Forms of Energy</b> <a href="#">SC.3.P.10.1</a>	<a href="#">All About Energy</a>

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2	<b>Big Idea #10: Forms of Energy</b> <a href="#">SC.3.P.10.1</a>	<a href="#">Forms of Energy</a>
3	<b>Big Idea #10: Forms of Energy</b> <a href="#">SC.3.P.10.2</a>	<a href="#">Heat Energy</a>
4	<b>Big Idea #10: Forms of Energy</b> <a href="#">SC.3.P.10.3</a>	<a href="#">Light and Shadows</a>
5	<b>Big Idea #10: Forms of Energy</b> <a href="#">SC.3.P.10.4</a>	<a href="#">Light and Mirrors</a>
6	<b>Big Idea #10: Forms of Energy</b> <a href="#">SC.3.P.10.4</a>	<a href="#">Light Energy</a>
7	<b>Big Idea #11: Energy Transfer and Transformations</b> <a href="#">SC.3.P.11.1</a>	<a href="#">Friction</a>
8	<b>Big Idea #11: Energy Transfer and Transformations</b> <a href="#">SC.3.P.11.2</a>	<a href="#">Friction and Heat</a> (Video)
9	<b>Big Idea #11: Energy Transfer and Transformations</b> <a href="#">SC.3.P.11.2</a>	

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