


3rd Grade Science **Public** Year-at-a-Glance 2016 – 2017

Standards Taught All Year	Nature of Science	Major Concepts / Topics	Possible Resources
		Big Idea #1: The Practice of Science SC.3.N.1.1 , SC.3.N.1.2 , SC.3.N.1.3 , SC.3.N.1.4 , SC.3.N.1.5 , SC.3.N.1.6 , SC.3.N.1.7	Scientific Method Simple and Compound Machines Measurement Tools  Example questions.pdf
		Big Idea #3: The Role of Theories, Laws, Hypothesis, and Models SC.3.N.3.1 , SC.3.N.3.2 , SC.3.N.3.3	
Quarter 1 Aug 10 – Oct 14	Week	Major Concepts / Topics	Possible Resources
	1	Big Idea #1: The Practice of Science SC.3.N.1.1 , SC.3.N.1.2 , SC.3.N.1.3 , SC.3.N.1.4 , SC.3.N.1.5 , SC.3.N.1.6 , SC.3.N.1.7	
	2	Big Idea #3: The Role of Theories, Laws, Hypothesis, and Models SC.3.N.3.1 , SC.3.N.3.2 , SC.3.N.3.3	Plants Life Cycle
	3	Big Idea #14: Organization and Development of Living Organisms SC.3.L.14.1 , SC.3.L.14.2	Parts of a Plant
	4	Big Idea #14: Organization and Development of Living Organisms SC.3.L.14.1 , SC.3.L.14.2	Parts of a Flower
	5	Big Idea #14: Organization and Development of Living Organisms SC.3.L.14.1 , SC.3.L.14.2	
	6	Big Idea #15: Diversity and Evolution of Living Organisms SC.3.L.15.1 , SC.3.L.15.2	Animal Classifications

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	7	Big Idea #15: Diversity and Evolution of Living Organisms SC.3.L.15.1 , SC.3.L.15.2	Adaptation (Game)
	8	Big Idea #15: Diversity and Evolution of Living Organisms SC.3.L.15.1 , SC.3.L.15.2	Ecosystems
	9	Big Idea #17: Interdependence SC.3.L.17.1 , SC.L.17.2	
Quarter 2 Oct 18 – Dec 21	Week	Major Concepts / Topics	Possible Resources
	1	Big Idea #5: Earth Space and Time SC.3.E.5.1	
	2	Big Idea #5: Earth Space and Time SC.3.E.5.1	Stars
	3	Big Idea #5: Earth Space and Time SC.3.E.5.2	The Sun
	4	Big Idea #5: Earth Space and Time SC.3.E.5.3 ,	why the sun looks
	5	Big Idea #5: Earth Space and Time SC.3.E.5.4	
	6	Big Idea #5: Earth Space and Time SC.3.E.5.4	Gravity
	7	Big Idea #5: Earth Space and Time SC.3.E.5.5	Seeing Stars (Video)
	8	Big Idea #6: Earth Structures SC.3.E.6.1	
	9	Big Idea #6: Earth Structures SC.3.E.6.1	
Quarter 3 Jan 5 – Mar 10	Week	Major Concepts / Topics	Possible Resources
	1	Big Idea #8: Properties of Matter SC.3.P.8.1	
	2	Big Idea #8: Properties of Matter	

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3rd Grade Science **Public** Year-at-a-Glance 2016 – 2017

		SC.3.P.8.1	
	3	Big Idea #8: Properties of Matter SC.3.P.8.2	Properties of Matter
	4	Big Idea #8: Properties of Matter SC.3.P.8.2	Solids, Liquids and Gases
	5	Big Idea #8: Properties of Matter SC.3.P.8.3	
	6	Big Idea #8: Properties of Matter SC.3.P.8.3	Gases Around Us
	7	Big Idea #9: Changes of Matter SC.3.P.9.1	
	8	Big Idea #9: Changes of Matter SC.3.P.9.1	
	9	Big Idea #9: Changes of Matter SC.3.P.9.1	
Quarter 4 Mar 21 – May 24	Week	Major Concepts / Topics	Possible Resources
	1	Big Idea #10: Forms of Energy SC.3.P.10.1	All About Energy
	2	Big Idea #10: Forms of Energy SC.3.P.10.1	Forms of Energy
	3	Big Idea #10: Forms of Energy SC.3.P.10.2	Heat Energy
	4	Big Idea #10: Forms of Energy SC.3.P.10.3	Light and Shadows
	5	Big Idea #10: Forms of Energy SC.3.P.10.4	Light and Mirrors
	6	Big Idea #10: Forms of Energy SC.3.P.10.4	Light Energy
	7	Big Idea #11: Energy Transfer and Transformations SC.3.P.11.1	Friction

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3rd Grade Science **Public** Year-at-a-Glance 2016 – 2017

	8	Big Idea #11: Energy Transfer and Transformations SC.3.P.11.2	Friction and Heat (Video)
	9	Big Idea #11: Energy Transfer and Transformations SC.3.P.11.2	

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