


3rd Grade Science **Public** Year-at-a-Glance 2018 – 2019

	Major Concepts / Topics	Possible Resources
Standards Taught All Year	<p>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</p> <p>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</p>	<ul style="list-style-type: none"> • Scientific Method • Simple and Compound Machines • Measurement Tools  <p>Example questions.pdf</p>
<p>Quarter 1 Aug 10 – Oct 12</p>	<p>Major Concepts / Topics</p> <p>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</p> <p>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</p> <p>Big Idea #14: Organization and Development of Living Organisms SC.3.L.14.1, SC.3.L.14.2</p> <p>Big Idea #15: Diversity and Evolution of Living Organisms SC.3.L.15.1, SC.3.L.15.2</p> <p>Big Idea #17: Interdependence SC.3.L.17.1, SC.L.17.2</p>	<p>Possible Resources</p> <ul style="list-style-type: none"> • Plants Life Cycle • Parts of a Plant • Parts of a Flower • Animal Classifications • Adaptation • (Game) • Ecosystems

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.

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	Major Concepts / Topics	Possible Resources
<p>Quarter 2 Oct 15 – Dec 21</p>	<p>Big Idea #5: Earth Space and Time SC.3.E.5.1</p> <p>Big Idea #5: Earth Space and Time SC.3.E.5.2</p> <p>Big Idea #5: Earth Space and Time SC.3.E.5.3</p> <p>Big Idea #5: Earth Space and Time SC.3.E.5.4</p> <p>Big Idea #6: Earth Structures SC.3.E.6.1</p>	<ul style="list-style-type: none"> • Stars • The Sun • why the sun looks • Gravity • Seeing Stars
<p>Quarter 3 Jan 7 – Mar 14</p>	<p>Big Idea #8: Properties of Matter SC.3.P.8.1</p> <p>Big Idea #8: Properties of Matter SC.3.P.8.2</p> <p>Big Idea #8: Properties of Matter SC.3.P.8.3</p> <p>Big Idea #9: Changes of Matter SC.3.P.9.1</p>	<ul style="list-style-type: none"> • Properties of Matter • Solids, Liquids and Gases • Gases Around Us

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Quarter 4 Mar 25 – May 24	Major Concepts / Topics	Possible Resources
	<p>Big Idea #10: Forms of Energy SC.3.P.10.1</p> <p>Big Idea #10: Forms of Energy SC.3.P.10.2</p> <p>Big Idea #10: Forms of Energy SC.3.P.10.3</p> <p>Big Idea #10: Forms of Energy SC.3.P.10.4</p> <p>Big Idea #11: Energy Transfer and Transformations SC.3.P.11.1</p> <p>Big Idea #11: Energy Transfer and Transformations SC.3.P.11.2</p>	<ul style="list-style-type: none"> • All About Energy • Forms of Energy • Heat Energy • Light and Shadows • • Light and Mirrors • Light Energy • Friction • Friction and Heat

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