


5th Grade Science Public Year-at-a-Glance

2018 – 2019

Standards visited all year	Nature of Science Big Idea #1- Scientific Thinking SC.5.N.1.1 , SC.5.N.1.2 , SC.5.N.1.3 , SC.5.N.1.4 , SC.5.N.1.5 , SC.5.N.1.6 Big Idea # 2- The Characteristics of Scientific Knowledge SC.5.N.2.1 , SC.5.N.2.2	 Example Questions.pdf
Quarter 1 Aug 10 – Oct 12	Major Concepts / Topics Big Idea #8- The Properties of Matter SC.5.P.8.1 , SC.5.P.8.2 , SC.5.P.8.3 , SC.5.P.8.4 Big Idea #9- Changes in Matter SC.5.P.9.1 Big Idea #13- Forces and Changes in Motion SC.5.P.13.1 , SC.5.P.13.2 , SC.5.P.13.3 , SC.5.P.13.4	Possible Resources How Do We Do Science? Skin Cancer Investigation Let's Investigate Density Marvelous Mixtures Reversible and Irreversible Changes Balance Challenge Forces Explore the Forces
Quarter 2 Oct 16 – Dec 12	Major Concepts / Topics Big Idea #10- Forms of Energy SC.5.P.10.1 , SC.5.P.10.2 , SC.5.P.10.3 , SC.5.P.10.4 Big Idea # 11- Energy Transfer and Transformations SC.5.P.11.1 , SC.5.P.11.2	Possible Resources Testing for Static Electricity Static Electricity Experiment: How to Make a Simple Circuit Changing Circuits
Quarter 3 Jan 8 – Mar 14	Major Concepts / Topics Big Idea #5- Earth and Space SC.5.E.5.1 , SC.5.E.5.2 , SC.5.E.5.3 Big Idea #7- Earth Systems and Patterns (Water Cycle, Weather, Precipitation) SC.5.E.7.1 , SC.5.E.7.2 , SC.5.E.7.3 , SC.5.E.7.4 , SC.5.E.7.5 , SC.5.E.7.6 , SC.5.E.7.7 Big Idea # 15 & #17- Diversity and Evolution of Living Organisms/Interdependence (Plants and Animals Survival and Adaptations) SC.5.L.15.1 , SC.5.L.17.1	Possible Resources Solar System Exploration The Solar System Video: From the Earth to the Moon Video: Meteor Showers The Treehouse Weather Kids Video: Kid Meteorologist The Water Cycle Animal Adaptations

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 4 Mar 26 – May 24</p>	<p>Big Idea #14- Organization and Development of Living Organisms (Organs of Human Body) SC.5.L.14.1, SC.5.L.14.2 Big Idea #14- Organization and Development of Living Organisms (Organs of Human Body) SC.5.L.14.1, SC.5.L.14.2 All other standards revisited and reassessed</p>	<p>Your Heart is an Amazing Organ Human Body Organs Human Body Organs</p>

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