

1st Grade Science Public Year-at-a-Glance

2018 – 2019

Standards visited all year	<p>SC.1.N.1.1 Raise questions about the natural world, investigate them in teams through free exploration, and generate appropriate explanations based on those explorations.</p> <p>SC.1.N.1.2 Using the five senses as tools, make careful observations, describe objects in terms of number, shape, texture, size, weight, color, and motion, and compare their observations with others.</p> <p>SC.1.N.1.3 Keep records as appropriate, such as pictorial and written records- of investigations conducted.</p> <p>SC.1.N.1.4 Ask "how do you know?" in appropriate situations.</p>	<ul style="list-style-type: none"> • Sid the Science Kids-Activities • Five Sense Activities
Quarter 1 Aug 10 – Oct 12	<p style="text-align: center;">Major Concepts / Topics</p> <p>Big Idea #1: The Practice of Science SC.1.N.1.1 SC.1.N.1.2 SC.1.N.1.3 SC.1.N.1.4 (Nature of Science)</p> <p>Big Idea #8 Properties of Matter SC.1.P.8.1 (Sort by observable properties)</p>	<p style="text-align: center;">Possible Resources</p> <ul style="list-style-type: none"> • I Sense a Coconut • What is Next? • Draw What You See With a Magnifying Glass • Properties of Materials • Grouping and Changing Materials
Quarter 2 Oct 15 – Dec 21	<p style="text-align: center;">Major Concepts / Topics</p> <p>Big Idea #5: Earth in and Space and Time SC.1.E.5.3(Magnifiers) SC.1.E.5.1 (Observe stars) SC.1.E.5.4 (Harmful and beneficial properties of the Sun) SC.1.E.5.2 (Law of Gravity)</p> <p>Big Idea #6 Earth Structures SC.1.E.6.2 (Need for Water and Water Safety) SC.1.E.6.1 (Earth’s surface) SC.1.E.6.3 (Earth changes- fast or slow)</p>	<p style="text-align: center;">Possible Resources</p> <ul style="list-style-type: none"> • Night Sky on Paper • Jobs of the Sun • Be Safe, Sunwise • Water Safety Book • Bobber the Water Safety Dog: Life Jackets • Earth Systems Cards • It’s All Natural! A Materials Scavenger Hunt • Fast and Slow Changes to the Earth’s Surface • Hurricanes • Dirt Track

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
Quarter 3 Jan 7 – Mar 14	<p>Big Idea #12 Motion of Objects SC.1.L.12.1 (Ways Objects Move)</p> <p>Big Idea #13 Forces and Changes in Motion SC.1.L.13.1 (Push/Pull)</p> <p>Big Idea # 14 Organization and Development of Living Organisms SC.1.L.14.3 (Living and Non-living) SC.1.L.14.1 (Observe living things)</p>	<ul style="list-style-type: none"> • How Things Fall • How Things Move • Forces and Motion • Push or a Pull • Pushes and Pulls Game • Living and Non-living Things
Quarter 4 Mar 25 – May 24	<p>Big Idea # 14 Organization and Development of Living Organisms SC. 1.L.14.2 (Parts of a Plant)</p> <p>Big Idea #16 Heredity and Reproduction SC. 1.L.16.1 (Plants and Animals Resemble their Parents)</p> <p>Big Idea # 17 Interdependence SC.1.L.17.1 (Needs of living things)</p>	<ul style="list-style-type: none"> • Who do I belong to? Webquest • What Do Animals Eat? • Growing Plants • Matching Parents with Offspring • Watch it Grow • Growing Sunflower Sprouts

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