2nd Grade Science **Public** Year-at-a-Glance 2019 – 2020

Standards visited **all year** **Nature of Science**	SC.2.N.1.1– Scientific Method / Systematic Observations SC.2.N.1.2– Compare Observations SC.2.N.1.3– How do you know? SC.2.N.1.4 - Investigative Conclusions SC.2.N.1.5– Empirical Observation and Inferencing SC.2.N.1.6– New Ways to Solve Problems	
Quarter 1 Aug 12 – Oct 11	**Major Concepts / Topics**	**Possible Resources**
	Big Idea #1 : Nature of Science SC.2.N.1.1, SC.2.N.1.2, SC.2.N.1.3, SC.2.N.1.4, SC.2.N.1.5, SC.2.N.1.6 **Big Idea #8: Properties of Matter** SC.2.P.8.1, SC.2.P.8.2, SC.2.P.8.3, SC.2.P.8.4, SC.2.P.8.5, SC.2.P.8.6 **Big Idea #9: Changes in Matter** SC.2.P.9.1	• Properties of Matter • Phases of Water • Video Clip (Water through Seasons) • Changes in Matter • Heating and Freezing Game • Magnets
Quarter 2 Oct 14 – Dec 20	**Major Concepts / Topics**	**Possible Resources**
	Big Idea #10: Forms of Energy SC.2.P.10.1 **Big Idea #13: Forces and Motion** SC.2.P.13.1, SC.2.P.13.2, SC.2.P.13.3, SC.2.13.4	• Electricity Book • Bill Nye Electricity Video • Force & Motion Video • Magnet Video • Magnet Push & Pull Book
Quarter 3 Jan 6 – Mar 12	**Major Concepts / Topics**	**Possible Resources**
	Big Ideas #6: Earth Structures (Rocks and Soil) SC.2.E.6.1, SC.2.E.6.2, SC.2.E.6.3 **Big Ideas #7: Earth Systems and Patterns (Weather)** SC.2.E.7.1, SC.2.E.7.2, SC.2.E.7.3, SC.2.E.7.4, SC.2.E.7.5	• Book on Seasons • Water in Different Seasons Video • Water Cycle Video • Tornado Chaser Video • Protection from Hazardous Weather Video
Quarter 4 Mar 23 – May 27	**Major Concepts / Topics**	**Possible Resources**
	Big Idea #14: Organization and Development of Living Organisms SC.2.L.14.1 **Big Idea #16: Heredity and Reproduction** SC.2.L.16.1 **Big Idea #17: Interdependence** SC.2.L.17.1, SC.2.L.17.2	• Poem Puzzle • Online Game (Human Body) • Photographs • PowerPoint (Life Cycles) • Video (Basic Needs)

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.

2nd Grade Science **Public** Year-at-a-Glance 2019 – 2020

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.