Sarasota County School District

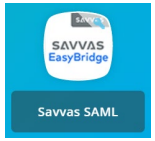
Grade 2 Science Year Overview 21-22

	Benchmarks (click on the Benchmark coding to access additional information and resources)
Benchmarks Addressed All Year	SC.2.N.1.1 Raise questions about the natural world, investigate them in teams through free exploration and systematic observations, and generate appropriate explanations based on those explorations. SC.2.N.1.2 Compare the observations made by different groups using the same tools. SC.2.N.1.3 Ask "how do you know?" in appropriate situations and attempt reasonable answers when asked the same question by others. SC.2.N.1.4 Explain how particular scientific investigations should yield similar conclusions when repeated. SC.2.N.1.5 Distinguish between empirical observation (what you see, hear, feel, smell, or taste) and ideas or inferences (what you think). SC.2.N.1.6 Explain how scientists alone or in groups are always investigating new ways to solve problems
Quarter 1 August 10-October 12	**Benchmarks** SC.2.E.6.1 Recognize that Earth is made up of rocks. Rocks come in many sizes and shapes. SC.2.E.6.2 Describe how small pieces of rock and dead plant and animal parts can be the basis of soil and explain the process by which soil is formed. SC.2.E.6.3 Classify soil types based on color, texture (size of particles), the ability to retain water, and the ability to support the growth of plants. SC.2.E.7.1 Compare and describe changing patterns in nature that repeat themselves, such as weather conditions including temperature and precipitation, day to day and season to season. SC.2.E.7.2 Investigate by observing and measuring, that the Sun's energy directly and indirectly warms the water, land, and air. SC.2.E.7.3 Investigate, observe and describe how water left in an open container disappears (evaporates), but water in a closed container does not disappear (evaporate). SC.2.E.7.4 Investigate that air is all around us and that moving air is wind. SC.2.E.7.5 State the importance of preparing for severe weather, lightning, and other weather related events.
Quarter 2 October 13-December 22	**Benchmarks** SC.2.P.8.1 Observe and measure objects in terms of their properties, including size, shape, color, temperature, weight, texture, sinking or floating in water, and attraction and repulsion of magnets. SC.2.P.8.2 Identify objects and materials as solid, liquid, or gas. SC.2.P.8.3 Recognize that solids have a definite shape and liquids and gasses take the shape of their container. SC.2.P.8.4 Observe and describe water in its solid, liquid, and gaseous states. SC.2.P.8.6 Measure and compare the volume of liquids using containers of various shapes and sizes. SC.2.P.8.5 Measure and compare temperatures taken every day at the same time. SC.2.P.9.1 Investigate that materials can be altered to change some of their properties, but not all materials respond the same way to any one alteration.
Quarter 3 January 11-March 11	**Benchmarks** SC.2.P.10.1 Discuss that people use electricity or other forms of energy to cook their food, cool or warm their homes, and power their cars. SC.2.P.13.1 Investigate the effect of applying various pushes and pulls on different objects. SC.2.P.13.2 Demonstrate that magnets can be used to make some things move without touching them. SC.2.P.13.3 Recognize that objects are pulled toward the ground unless something holds them up. SC.2.P.13.4 Demonstrate that the greater the force (push or pull) applied to an object, the greater the change in motion of the object.
Quarter 4 March 22-May 27	**Benchmarks** SC.2.L.14.1 Distinguish human body parts (brain, heart, lungs, stomach, muscles, and skeleton) and their basic functions. SC.2.L.16.1 Observe and describe major stages in the life cycles of plants and animals, including beans and butterflies. SC.2.L.17.1 Compare and contrast the basic needs that all living things, including humans, have for survival. SC.2.L.17.2 Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs.

Resources

To access student online resources:

1. **Open the Parents & Students page of the district website.**
2. **Choose MySCS.**
3. **Student will log in with N number and pin number.**
4. **Savvas Elevate Science is the district adopted core curriculum for science. Use app below to access resources:**



5. **Other apps that support science instruction include:**

Use the search feature in the platform to locate resources, videos, articles, and/or activities.

Please note the units of study listed indicate the course sequence. Instructional pacing may vary.