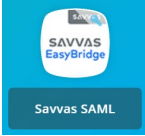








Sarasota County School District
Grade 3 Science Year Overview 21-22



Benchmarks (click on the Benchmark coding to access additional information and resources)		Resources
Benchmarks Addressed All Year	<p>SC.3.N.1.1 Raise questions about the natural world, investigate them individually and in teams through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.</p> <p>SC.3.N.1.2 Compare the observations made by different groups using the same tools and seek reasons to explain the differences across groups.</p> <p>SC.3.N.1.3 Keep records as appropriate, such as pictorial, written, or simple charts and graphs, of investigations conducted.</p> <p>SC.3.N.1.4 Recognize the importance of communication among scientists.</p> <p>SC.3.N.1.5 Recognize that scientists question, discuss, and check each other's evidence and explanations.</p> <p>SC.3.N.1.6 Infer based on observation.</p> <p>SC.3.N.1.7 Explain that empirical evidence is information, such as observations or measurements, that is used to help validate explanations of natural phenomena.</p> <p>SC.3.N.3.1 Recognize that words in science can have different or more specific meanings than their use in everyday language; for example, energy, cell, heat/cold, and evidence.</p> <p>SC.3.N.3.2 Recognize that scientists use models to help understand and explain how things work.</p> <p>SC.3.N.3.3 Recognize that all models are approximations of natural phenomena; as such, they do not perfectly account for all observations.</p>	<p>To access student online resources:</p> <ol style="list-style-type: none"> 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: <div style="text-align: center;">  <p>Savvas SAML</p> </div> <ol style="list-style-type: none"> 5. Other apps that support science instruction include: <div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="text-align: center; margin: 5px;">  Brain Pop </div> <div style="text-align: center; margin: 5px;">  Brain Pop Jr </div> <div style="text-align: center; margin: 5px;">  CPALMS Florida Students </div> <div style="text-align: center; margin: 5px;">  Elementary Sources </div> <div style="text-align: center; margin: 5px;">  Safari Montage </div> <div style="text-align: center; margin: 5px;">  World Book Online </div> </div> <p style="text-align: center;"><i>Use the search feature in the platform to locate resources, videos, articles, and/or activities.</i></p>
Quarter 1 August 10-October 12	Benchmarks	
	<p>SC.3.E.5.1 Explain that stars can be different; some are smaller, some are larger, and some appear brighter than others; all except the Sun are so far away that they look like points of light.</p> <p>SC.3.E.5.2 Identify the Sun as a star that emits energy; some of it in the form of light.</p> <p>SC.3.E.5.3 Recognize that the Sun appears large and bright because it is the closest star to Earth.</p> <p>SC.3.E.5.4 Explore the Law of Gravity by demonstrating that gravity is a force that can be overcome.</p> <p>SC.3.E.5.5 Investigate that the number of stars that can be seen through telescopes is dramatically greater than those seen by the unaided eye.</p> <p>SC.3.E.6.1 Demonstrate that radiant energy from the Sun can heat objects and when the Sun is not present, heat may be lost.</p>	
Quarter 2 October 13-December 22	Benchmarks	
	<p>SC.3.P.8.1 Measure and compare temperatures of various samples of solids and liquids.</p> <p>SC.3.P.8.2 Measure and compare mass and volume of solids and liquids.</p> <p>SC.3.P.8.3 Compare materials and objects according to properties such as size, shape, color, texture, and hardness.</p> <p>SC.3.P.9.1 Describe the changes water undergoes when it changes state through heating and cooling by using familiar scientific terms such as melting, freezing, boiling, evaporation, and condensation.</p> <p>SC.3.P.10.1 Identify some basic forms of energy such as light, heat, sound, electrical, and mechanical.</p> <p>SC.3.P.10.2 Recognize that energy has the ability to cause motion or create change.</p> <p>SC.3.P.10.3 Demonstrate that light travels in a straight line until it strikes an object or travels from one medium to another.</p> <p>SC.3.P.10.4 Demonstrate that light can be reflected, refracted, and absorbed.</p> <p>SC.3.P.11.1 Investigate, observe, and explain that things that give off light often also give off heat.</p> <p>SC.3.P.11.2 Investigate, observe, and explain that heat is produced when one object rubs against another, such as rubbing one's hands together.</p>	

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Quarter 3 January 11-March 11	Benchmarks
	<p><u>SC.3.L.14.1</u> Describe structures in plants and their roles in food production, support, water and nutrient transport, and reproduction.</p> <p><u>SC.3.L.14.2</u> Investigate and describe how plants respond to stimuli (heat, light, gravity), such as the way plant stems grow toward light and their roots grow downward in response to gravity.</p> <p><u>SC.3.L.17.2</u> Recognize that plants use energy from the Sun, air, and water to make their own food.</p>
Quarter 4 March 22-May 27	Benchmarks
	<p><u>SC.3.L.15.1</u> Classify animals into major groups (mammals, birds, reptiles, amphibians, fish, arthropods, vertebrates and invertebrates, those having live births and those which lay eggs) according to their physical characteristics and behaviors.</p> <p><u>SC.3.L.15.2</u> Classify flowering and nonflowering plants into major groups such as those that produce seeds, or those like ferns and mosses that produce spores, according to their physical characteristics.</p> <p><u>SC.3.L.17.1</u> Describe how animals and plants respond to changing seasons.</p>

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