## **Sarasota County School District**

## **Grade 3 Science Year Overview**



	Benchmarks (click on the Benchmark coding to access additional information and resources)	Resources
Benchmarks Addressed All Year	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.  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.	To access student online resources:  1. Open the Parents & Students page of the
	SC.3.N.1.3 Keep records as appropriate, such as pictorial, written, or simple charts and graphs, of investigations conducted.  SC.3.N.1.4 Recognize the importance of communication among scientists.	district website. 2. Choose MySCS.
ddre	SC.3.N.1.5 Recognize that scientists question, discuss, and check each other's evidence and explanations.	3. Student will log in with N
cs A	SC.3.N.1.6 Infer based on observation. SC.3.N.1.7 Explain that empirical evidence is information, such as observations or measurements, that is used to help validate	number and pin number. 4. Savvas Elevate Science is
ark	explanations of natural phenomena.	the district adopted core
Benchm	<u>SC.3.N.3.1</u> 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.	curriculum for science. Use app below to access
	SC.3.N.3.2 Recognize that scientists use models to help understand and explain how things work.	resources:
	SC.3.N.3.3 Recognize that all models are approximations of natural phenomena; as such, they do not perfectly account for all observations.	SAVVAS EasyBridge
Quarter 1	Benchmarks	
	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.	5. Other apps that support
	SC.3.E.5.2 Identify the Sun as a star that emits energy; some of it in the form of light.	science instruction
	SC.3.E.5.3 Recognize that the Sun appears large and bright because it is the closest star to Earth.	include:
	SC.3.E.5.4 Explore the Law of Gravity by demonstrating that gravity is a force that can be overcome.  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	
O	unaided eye.	
	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.	Brain Pop Brain Pop Jr
	Benchmarks	Florida Students
	SC.3.P.8.1 Measure and compare temperatures of various samples of solids and liquids.	CPALMS Florida Elementary Students Esources
	SC.3.P.8.2 Measure and compare mass and volume of solids and liquids.	
2	SC.3.P.8.3 Compare materials and objects according to properties such as size, shape, color, texture, and hardness.	SAFARI MONTAGE
<u></u>	SC.3.P.9.1 Describe the changes water undergoes when it changes state through heating and cooling by using familiar scientific	
rte	terms such as melting, freezing, boiling, evaporation, and condensation.	Safari Montage World Book Online
Quarter	SC.3.P.10.1 Identify some basic forms of energy such as light, heat, sound, electrical, and mechanical.	
Q	SC.3.P.10.2 Recognize that energy has the ability to cause motion or create change.  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.	Use the search feature in the platform to locate resources,
	SC.3.P.10.4 Demonstrate that light can be reflected, refracted, and absorbed.	videos, articles, and/or
	SC.3.P.11.1 Investigate, observe, and explain that things that give off light often also give off heat.	activities.
	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.	

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	Benchmarks Benchmarks
Quarter 3	SC.3.L.14.1 Describe structures in plants and their roles in food production, support, water and nutrient transport, and reproduction.  SC.3.L.14.2 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.  SC.3.L.17.2 Recognize that plants use energy from the Sun, air, and water to make their own food.
	Benchmarks Benchmarks
Quarter 4	SC.3.L.15.1 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.  SC.3.L.15.2 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.  SC.3.L.17.1 Describe how animals and plants respond to changing seasons.

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