

# ST JOHN'S COUNTY SCHOOL DISTRICT

## FOURTH GRADE - SCIENCE - PUBLIC YEAR-AT-A-GLANCE 2021-2022



STANDARDS VISITED ALL YEAR	Standards (click on the Standard coding to go to additional information and resources)	At Home Resources
	<p><b>The Practice of Science</b>  <a href="#">SC.4.N.1.1</a>, <a href="#">SC.4.N.1.2</a>, <a href="#">SC.4.N.1.3</a>, <a href="#">SC.4.N.1.4</a>, <a href="#">SC.4.N.1.5</a>, <a href="#">SC.4.N.1.6</a>, <a href="#">SC.4.N.1.7</a>, <a href="#">SC.4.N.1.8</a>, <a href="#">SC.4.N.2.1</a>, <a href="#">SC.4.N.3.1</a></p>	<p><a href="#">Scientific Method Practice of Science- Experiment Video</a>  <a href="#">How Do We Do Science?</a></p>
QUARTER 1	<p><a href="#">SC.4.P.8.1</a> Measure and compare objects based on their physical properties  <a href="#">SC.4.P.8.2</a> Identify properties and common uses of water in each of its states  <a href="#">SC.4.P.8.3</a> Explain the Law of Conservation of Mass  <a href="#">SC.4.P.8.4</a> Investigate and describe that magnets can attract and repel  <a href="#">SC.4.P.9.1</a> Identify familiar chemical changes in materials (decay, burn, rust, cooking)</p> <p><a href="#">SC.4.L.17.3</a> Trace the flow of energy from the Sun through producers to consumers  <a href="#">SC.4.L.17.4</a> Recognize ways plants and animals impact the environment</p>	<p><a href="#">Florida Students – Materials Characteristics Properties of Matter Song</a>  <a href="#">Properties of Matter Solids, Liquids and Gases</a></p>
QUARTER 2	<p><a href="#">SC.4.L.16.1</a> Identify the processes of reproduction in plants  <a href="#">SC.4.L.16.2</a> Plant and animal traits can be inherited or affected by the environment  <a href="#">SC.4.L.16.3</a> Recognize that animal behaviors can be shaped by heredity and learning  <a href="#">SC.4.L.16.4</a> Compare and contrast life cycles of Florida plants and animals  <a href="#">SC.4.L.17.1</a> Compare seasonal changes of Florida plants and animals to other regions  <a href="#">SC.4.L.17.2</a> Explain that animals can't make their own food</p> <p><a href="#">SC.4.E.6.1</a> Identify the three categories of rocks  <a href="#">SC.4.E.6.2</a> Identify physical properties of common minerals  <a href="#">SC.4.E.6.3</a> Recognize that humans need renewable and non-renewable resources found on Earth</p>	<p><a href="#">Animal Adaptations</a>  <a href="#">Plant Adaptations</a>  <a href="#">Animal Life Cycles</a>  <a href="#">Plants with Seeds</a></p> <p><a href="#">Properties of Rocks</a>  <a href="#">Name that Mineral</a></p>
QUARTER 3	<p><a href="#">SC.4.E.6.4</a> Describe the difference between physical weathering and erosion  <a href="#">SC.4.E.6.5</a> Investigate how technology helps humans make observations  <a href="#">SC.4.E.6.6</a> Identify resources available in Florida</p> <p><a href="#">SC.4.E.5.1</a> Observe patterns of stars in the sky stay the same, but appear to shift across the night sky  <a href="#">SC.4.E.5.2</a> Describe changes to the observable shape of the moon  <a href="#">SC.4.E.5.3</a> Recognize the Earth revolves around the Sun and rotates on its axis  <a href="#">SC.4.E.5.4</a> Relate that the rotation of Earth and appeared movement of the Sun, Moon, and stars are connected  <a href="#">SC.4.E.5.5</a> Investigate the effects of space research on Florida's economy</p>	<p><a href="#">The Dynamic Earth</a>  <a href="#">Tools to Help Us Observe</a>  <a href="#">Night Sky in Seasons</a>  <a href="#">Phases of the Moon</a>  <a href="#">Animation</a>  <a href="#">Lunar Cycle Challenge</a>  <a href="#">How are the rotation of Earth, Sun, Moon, Stars connected?</a></p>
QUARTER 4	<p><a href="#">SC.4.P.10.1</a> Observe and describe basic forms of energy  <a href="#">SC.4.P.10.2</a> Investigate that energy has the ability to cause motion or change  <a href="#">SC.4.P.10.3</a> Investigate that sound is produced by vibrating objects  <a href="#">SC.4.P.10.4</a> Describe how moving water &amp; air are sources of energy</p> <p><a href="#">SC.4.P.11.1</a> Recognize that heat flows form from a hot object to a cold object  <a href="#">SC.4.P.11.2</a> Identify common materials that conduct heat well or poorly  <a href="#">SC.4.P.12.1</a> Recognize that an object in motion is always changing position  <a href="#">SC.4.P.12.2</a> Investigate that speed is determined by distance traveled in a unit of time</p>	<p><a href="#">Forms of Energy video</a>  <a href="#">Changing Sounds</a>  <a href="#">Pitch</a>  <a href="#">Force and Motion</a></p>