

# ST JOHN'S COUNTY SCHOOL DISTRICT

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



	Standards (click on the Standard coding to go to additional information and resources)	At Home Resources
<b>STANDARDS VISITED ALL YEAR</b>	<p><b>The Practice of Science</b></p> <p><a href="#">SC.3.N.1.1</a> Raise questions about the natural world and investigate those questions</p> <p><a href="#">SC.3.N.1.2</a> Compare observations made by different groups and seek to explain the differences</p> <p><a href="#">SC.3.N.1.3</a> Keep appropriate records of investigations</p> <p><a href="#">SC.3.N.1.4</a> Recognize importance of communication among scientists</p> <p><a href="#">SC.3.N.1.5</a> Recognize that scientists question, discuss, and check each others work</p> <p><a href="#">SC.3.N.1.6</a> Infer based on observations</p> <p><a href="#">SC.3.N.1.7</a> Explain that evidence is information</p> <p><a href="#">SC.3.N.3.1</a> Recognize that words in science can have different meanings than their use in every day language</p> <p><a href="#">SC.3.N.3.2</a> Recognize that scientists use models to help understand and explain how things work</p> <p><a href="#">SC.3.N.3.3</a> Recognize that models are approximations</p>	<p><a href="#">Scientific Method</a></p> <p><a href="#">Measurement Tools</a></p>
<b>QUARTER 1 AUG 31 – OCT 30</b>	<p><a href="#">SC.3.P.8.1</a> Measure and compare temperatures of solids and liquids</p> <p><a href="#">SC.3.P.8.2</a> Measure and compare mass and volume of solids and liquids</p> <p><a href="#">SC.3.P.8.3</a> Compare properties of materials (size, shape, color, texture, hardness)</p> <p><a href="#">SC.3.P.9.1</a> Describe the changes water undergoes when changing physical states of matter</p>	<p><a href="#">Properties of Matter</a></p> <p><a href="#">Solids, Liquids and Gases</a></p> <p><a href="#">Measure and Compare</a></p> <p><a href="#">Temperatures</a></p>
<b>QUARTER 2 NOV 2– JAN 25</b>	<p><a href="#">SC.3.L.14.1</a> Describe the structure and function of major plant parts</p> <p><a href="#">SC.3.L.14.2</a> Investigate and describe how plants respond to heat, light, and gravity</p> <p><a href="#">SC.3.L.15.1</a> Classify animals (mammals, birds, reptiles, amphibians, fish, arthropods, vertebrates and invertebrates, live birth and those which lay eggs)</p> <p><a href="#">SC.3.L.15.2</a> Classify flowering and non-flowering plants (seed producing vs spores)</p> <p><a href="#">SC.3.L.17.1</a> Describe how plants and animals respond to changing seasons</p> <p><a href="#">SC.3.L.17.2</a> Recognize that plants use energy from the Sun, air, and water to make food</p>	<p><a href="#">Parts of a Plant</a></p> <p><a href="#">Plant Parts</a></p> <p><a href="#">Plant Response to Heat, Light, Gravity</a></p> <p><a href="#">Animal Classifications</a></p> <p><a href="#">Plant Classifications</a></p> <p><a href="#">Adaptation</a></p> <p><a href="#">Ecosystems</a></p>
<b>QUARTER 3 JAN 26 – APR 8</b>	<p><a href="#">SC.3.E.5.1</a> Explain that stars can be different</p> <p><a href="#">SC.3.E.5.2</a> Identify the Sun as a star that emits energy, some in the form of light</p> <p><a href="#">SC.3.E.5.3</a> Recognize that the Sun appears large and bright because it is the closest to Earth</p> <p><a href="#">SC.3.E.5.4</a> Explore the Law of Gravity</p> <p><a href="#">SC.3.E.5.5</a> Investigate that the number of stars seen through telescopes is more than the eye</p> <p><a href="#">SC.3.E.6.1</a> Demonstrate that energy from the Sun can heat objects</p>	<p><a href="#">Stars</a></p> <p><a href="#">Gravity</a></p>
<b>QUARTER 4 APR 8 – JUN 10</b>	<p><a href="#">SC.3.P.10.1</a> Identify basic forms of energy</p> <p><a href="#">SC.3.P.10.2</a> Recognize that energy has the ability to cause motion or create change</p> <p><a href="#">SC.3.P.10.3</a> Demonstrate that light travels in a straight line</p> <p><a href="#">SC.3.P.10.4</a> Demonstrate that light can be reflected, refracted, and absorbed</p> <p><a href="#">SC.3.P.11.1</a> Investigate, observe, and explain that things that give off light often give off heat</p> <p><a href="#">SC.3.P.11.2</a> Investigate, observe, and explain that heat is produced when an object rubs against another</p>	<p><a href="#">All About Energy</a></p> <p><a href="#">Heat Energy</a></p> <p><a href="#">Light Energy</a></p> <p><a href="#">Friction and Heat</a></p>