

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