

# ST JOHNS COUNTY SCHOOL DISTRICT

## FIFTH GRADE - SCIENCE - PUBLIC YEAR-AT-A-GLANCE 2020-2021



STANDARDS VISITED ALL YEAR	Standards (click on the Standard coding to go to additional information and resources)	At Home Resources
<b>QUARTER 1</b> AUG 31 – OCT 30	<p><b>Scientific Thinking and The Characteristics of Scientific Knowledge</b>  <a href="#">SC.5.N.1.1</a>, <a href="#">SC.5.N.1.2</a>, <a href="#">SC.5.N.1.3</a>, <a href="#">SC.5.N.1.4</a>, <a href="#">SC.5.N.1.5</a>, <a href="#">SC.5.N.1.6</a>  <a href="#">SC.5.N.2.1</a>, <a href="#">SC.5.N.2.2</a></p> <p><a href="#">SC.5.P.8.1</a> Compare and contrast basic properties of solids, liquids, and gases  <a href="#">SC.5.P.8.2</a> Identify materials that will dissolve in water and those that will not. Identify conditions that speed up or slow down those processes  <a href="#">SC.5.P.8.3</a> Demonstrate and explain how mixtures of solids can be separated  <a href="#">SC.5.P.8.4</a> Explain that all matter is composed of atoms  <a href="#">SC.5.P.9.1</a> Investigate that many physical and chemical changes are affected by temperature  <a href="#">SC.5.P.10.1</a> Investigate forms of energy (light, heat, sound, electrical, chemical, mechanical)  <a href="#">SC.5.P.10.2</a> Investigate that energy has the ability to cause motion or create change  <a href="#">SC.5.P.10.3</a> Electrically charged objects can attract or repel other charged objects  <a href="#">SC.5.P.10.4</a> Electrical energy can be transformed into heat, light, sound, or energy of motion</p>	<p><a href="#">Scientific Method</a>  <a href="#">Practice of Science- Experiment</a>  <a href="#">Video</a></p> <p><a href="#">Properties of Matter</a>  <a href="#">Let's Investigate</a>  <a href="#">Density</a>  <a href="#">Marvelous Mixtures</a>  <a href="#">Physical and Chemical Changes</a>  <a href="#">Energy and Matter</a>  <a href="#">Light</a>  <a href="#">Heat</a>  <a href="#">Testing for Static Electricity</a>  <a href="#">Static Electricity</a></p>
<b>QUARTER 2</b> NOV 2 – JAN 25	<p><a href="#">SC.5.P.11.1</a> Investigate and illustrate that the flow of electricity requires a closed circuit  <a href="#">SC.5.P.11.2</a> Identify and classify materials that conduct electricity and those that do not  <a href="#">SC.5.P.13.1</a> Identify familiar forces that cause objects to move  <a href="#">SC.5.P.13.2</a> Investigate that the greater the force applied, the greater the change in motion  <a href="#">SC.5.P.13.3</a> Investigate that the more mass an object has, the less effect a given force will have  <a href="#">SC.5.P.13.4</a> Investigate balanced and unbalanced forces</p>	<p><a href="#">Electricity</a>  <a href="#">Current Electricity and Electric</a>  <a href="#">Circuits</a>  <a href="#">Balance Challenge Forces</a>  <a href="#">Explore the Forces</a></p>
<b>QUARTER 3</b> JAN 26 – APR 8	<p><a href="#">SC.5.E.5.1</a> Recognize components of a galaxy  <a href="#">SC.5.E.5.2</a> Recognize common characteristics of all planets and compare inner/outer planets  <a href="#">SC.5.E.5.3</a> Distinguish objects in the solar system (sun, planets, moons, asteroids, comets)  <a href="#">SC.5.E.7.1</a> Create a model to explain the water cycle  <a href="#">SC.5.E.7.2</a> Recognize that the ocean is integral to the water cycle  <a href="#">SC.5.E.7.3</a> Recognize the factors that determine the weather in a particular place and time  <a href="#">SC.5.E.7.4</a> Distinguish among various forms of precipitation  <a href="#">SC.5.E.7.5</a> Recognize that weather related differences are found in different environments  <a href="#">SC.5.E.7.6</a> Describe characteristics of different climate zones  <a href="#">SC.5.E.7.7</a> Design a family natural disaster preparedness guide  <a href="#">SC.5.L.14.1</a> Identify major organs in the body and their functions  <a href="#">SC.5.L.14.2</a> Compare and contrast the structure and function of organs/structures in plants and animals</p>	<p><a href="#">Solar System Exploration</a>  <a href="#">The Solar System</a>  <a href="#">Video: Meteor Showers</a>  <a href="#">The Treehouse Weather Kids</a>  <a href="#">Video: Kid Meteorologist</a>  <a href="#">The Water Cycle</a>  <a href="#">Your Heart is an Amazing Organ</a>  <a href="#">Human Body Organs</a>  <a href="#">Human Body Organs</a></p>
<b>QUARTER 4</b> APR 8 – JUN 10	<p><a href="#">SC.5.L.15.1</a> Describe how when the environment changes, different between individuals allow some plants and animals to survive while others die or move to new locations  <a href="#">SC.5.L.17.1</a> Compare and contrast adaptations displayed by plants and animals that allow for survival</p> <p><b>Note:</b> In addition to the 5<sup>th</sup> grade standards, assessed 3<sup>rd</sup> and 4<sup>th</sup> grade standards will be reviewed in preparation for the Statewide Science Assessment during Quarter 4  <a href="#">FLDOE Science Assessment Information Page</a></p>	<p><a href="#">Animal Adaptations</a>  <a href="#">Plant Adaptations</a></p> <p><a href="#">3rd Grade Tested Standards Review</a>  <a href="#">4th Grade Tested Standards Review</a>  <a href="#">5th Grade Tested Standards Review</a></p>