

ST. JOHNS COUNTY SCHOOL DISTRICT

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