# St Johns County School District
# Third Grade - Science - Public Year-at-a-Glance 2020-2021

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