

Flagler County Grade 3 2024-2025 Scope and Sequence based on McGraw Hill

Year at a glance: Please note that the map is based on a 180-day schedule.

McGraw Hill	Benchmark/ Standards
Quarter 1: August 12, 2024- October 11, 2024	
McGraw Hill: Chapter 1- Onward We Go Chapter 2-Stars and Sun	<p><u>SC.3.N.1.1</u> Raise questions about the natural world, investigate them individually and in teams through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.</p> <p><u>SC.3.N.1.2</u> Compare the observations made by different groups using the same tools and seek reasons to explain the differences across groups.</p> <p><u>SC.3.N.1.3</u> Keep records as appropriate, such as pictorial, written, or simple charts and graphs, of investigations conducted.</p> <p><u>SC.3.N.1.4</u> Recognize the importance of communication among scientists.</p> <p><u>SC.3.N.1.5</u> Recognize that scientists question, discuss, and check each other's evidence and explanations.</p> <p><u>SC.3.N.1.6</u> Infer based on observation.</p> <p><u>SC.3.N.1.7</u> Explain that empirical evidence is information, such as observations or measurements, that is used to help validate explanations of natural phenomena.</p> <p><u>SC.3.N.3.1</u> Recognize that words in science can have different or more specific meanings than their use in everyday language; for example, energy, cell, heat/cold, and evidence.</p> <p><u>SC.3.N.3.2</u> Recognize that scientists use models to help understand and explain how things work.</p> <p><u>SC.3.N.3.3</u> Recognize that all models are approximations of natural phenomena; as such, they do not perfectly account for all observations.</p> <p><u>SC.3.E.5.1</u> Explain that stars can be different; some are smaller, some are larger, and some appear brighter than others; all except the Sun are so far away that they look like points of light.</p> <p><u>SC.3.E.5.2</u> Identify the Sun as a star that emits energy; some of it in the form of light.</p> <p><u>SC.3.E.5.3</u></p>

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	<p>Recognize that the Sun appears large and bright because it is the closest star to Earth.</p> <p><u>SC.3.E.5.5</u></p> <p>Investigate that the number of stars that can be seen through telescopes is dramatically greater than those seen by the unaided eye.</p> <p><u>SC.3.E.6.1</u></p> <p>Demonstrate that radiant energy from the Sun can heat objects and when the Sun is not present, heat may be lost.</p>
Quarter 2: October 15, 2024- December 20, 2024	
<p>McGraw Hill Chapter 3- Gravity Chapter 4- Plants and Environment</p>	<p><u>SC.3.E.5.4</u></p> <p>Explore the Law of Gravity by demonstrating that gravity is a force that can be overcome.</p> <p><u>SC.3.L.14.1</u></p> <p>Describe structures in plants and their roles in food production, support, water and nutrient transport, and reproduction.</p> <p><u>SC.3.L.14.2</u></p> <p>Investigate and describe how plants respond to stimuli (heat, light, gravity), such as the way plant stems grow toward light and their roots grow downward in response to gravity.</p> <p><u>SC.3.L.17.2</u></p> <p>Recognize that plants use energy from the Sun, air, and water to make their own food.</p> <p>Unit also reinforces</p> <p><u>SC.3.N.1.1</u></p> <p><u>SC.3.N.1.3</u></p> <p><u>SC.3.N.1.4</u></p> <p><u>SC.3.N.1.6</u></p> <p><u>SC.3.N.1.7</u></p>
Quarter 3: January 7, 2025- March 13, 2025	
<p>McGraw Hill Chapter 5- Organisms and Their Environments Chapter 6- Matter and its Properties</p>	<p><u>SC.3.L.15.1</u></p> <p>Classify animals into major groups (mammals, birds, reptiles, amphibians, fish, arthropods, vertebrates and invertebrates, those having live births and those which lay eggs) according to their physical characteristics and behaviors.</p> <p><u>SC.3.L.15.2</u></p> <p>Classify flowering and nonflowering plants into major groups such as those that produce seeds, or those like ferns and mosses that produce spores, according to their physical characteristics.</p> <p><u>SC.3.L.17.1</u></p> <p>Describe how animals and plants respond to changing seasons.</p> <p><u>SC.3.P.8.1</u></p> <p>Measure and compare temperatures of various samples of solids and liquids.</p> <p><u>SC.3.P.8.2</u></p> <p>Measure and compare the mass and volume of solids and liquids.</p> <p><u>SC.3.P.8.3</u></p>

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	<p>Compare materials and objects according to properties such as size, shape, color, texture, and hardness.</p> <p><u>SC.3.P.9.1</u></p> <p>Describe the changes water undergoes when it changes state through heating and cooling by using familiar scientific terms such as melting, freezing, boiling, evaporation, and condensation.</p> <p>Unit also reinforces</p> <p><u>SC.3.N.1.1</u></p> <p><u>SC.3.N.1.2</u></p> <p><u>SC.3.N.1.3</u></p> <p><u>SC.3.N.1.4</u></p> <p><u>SC.3.N.1.5</u></p> <p><u>SC.3.N.1.6</u></p> <p><u>SC.3.N.1.7</u></p> <p><u>SC.3.N.3.2</u></p> <p><u>SC.3.N.3.3</u></p>
Quarter 4: March 24, 2025- May 29, 2025	
<p>McGraw Hill</p> <p>Chapter 7- Energy</p>	<p><u>SC.3.P.10.1</u></p> <p>Identify some basic forms of energy such as light, heat, sound, electrical, and mechanical.</p> <p><u>SC.3.P.10.2</u></p> <p>Recognize that energy has the ability to cause motion or create change.</p> <p><u>SC.3.P.10.3</u></p> <p>Demonstrate that light travels in a straight line until it strikes an object or travels from one medium to another.</p> <p><u>SC.3.P.10.4</u></p> <p>Demonstrate that light can be reflected, refracted, and absorbed.</p> <p><u>SC.3.P.11.1</u></p> <p>Investigate, observe, and explain that things that give off light often also give off heat.</p> <p><u>SC.3.P.11.2</u></p> <p>Investigate, observe, and explain that heat is produced when one object rubs against another, such as rubbing one's hands together.</p> <p>Unit also reinforces</p> <p><u>SC.3.N.1.1</u></p> <p><u>SC.3.N.1.3</u></p> <p><u>SC.3.N.1.4</u></p> <p><u>SC.3.N.1.3</u></p> <p><u>SC.3.N.1.4</u></p> <p><u>SC.3.N.1.3</u></p> <p><u>SC.3.N.1.4</u></p> <p><u>SC.3.N.1.6</u></p> <p><u>SC.3.N.1.7</u></p> <p><u>SC.3.N.3.2</u></p>

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