Flagler County Grade 3 2025-2026 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 11, 2025- October 10, 2025	
McGraw Hill: Chapter 1- Onward We Go Chapter 2-Stars and Sun	**SC.3.N.1.1** 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. **SC.3.N.1.2** Compare the observations made by different groups using the same tools and seek reasons to explain the differences across groups. **SC.3.N.1.3** Keep records as appropriate, such as pictorial, written, or simple charts and graphs, of investigations conducted. **SC.3.N.1.4** Recognize the importance of communication among scientists. **SC.3.N.1.5** Recognize that scientists question, discuss, and check each other's evidence and explanations. **SC.3.N.1.6** Infer based on observation. **SC.3.N.1.7** Explain that empirical evidence is information, such as observations or measurements, that is used to help validate explanations of natural phenomena. **SC.3.N.3.1** 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. **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 all models are approximations of natural phenomena; as such, they do not perfectly account for all observations. **SC.3.E.5.1** 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. **SC.3.E.5.2**

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	Identify the Sun as a star that emits energy; some of it in the form of light. **SC.3.E.5.3** Recognize that the Sun appears large and bright because it is the closest star to Earth. **SC.3.E.5.5** Investigate that the number of stars that can be seen through telescopes is dramatically greater than those seen by the unaided eye. **SC.3.E.6.1** Demonstrate that radiant energy from the Sun can heat objects and when the Sun is not present, heat may be lost.
Quarter 2: October 14, 2025- December 19, 2025	
McGraw Hill Chapter 3- Gravity Chapter 6- Matter and its Properties	**SC.3.E.5.4** Explore the Law of Gravity by demonstrating that gravity is a force that can be overcome. **SC.3.P.8.1** Measure and compare temperatures of various samples of solids and liquids. **SC.3.P.8.2** Measure and compare the mass and volume of solids and liquids. **SC.3.P.8.3** Compare materials and objects according to properties such as size, shape, color, texture, and hardness. **SC.3.P.9.1** 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. **Unit also reinforces** **SC.3.N.1.1** **SC.3.N.1.3** **SC.3.N.1.4** **SC.3.N.1.6** **SC.3.N.1.7**
Quarter 3: January 7, 2026- March 12, 2026	
McGraw Hill Chapter 4- Plants and Environment Chapter 5- Organisms and Their Environments	**SC.3.L.14.1** Describe structures in plants and their roles in food production, support, water and nutrient transport, and reproduction. **SC.3.L.14.2** 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. **SC.3.L.17.2** Recognize that plants use energy from the Sun, air, and water to make their own food. **SC.3.L.15.1**

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	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. **SC.3.L.15.2** 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. **SC.3.L.17.1** Describe how animals and plants respond to changing seasons. **Unit also reinforces** SC.3.N.1.1 SC.3.N.1.2 SC.3.N.1.3 SC.3.N.1.4 SC.3.N.1.5 SC.3.N.1.6 SC.3.N.1.7 SC.3.N.3.2 SC.3.N.3.3
Quarter 4: March 23, 2026- May 28, 2026	
McGraw Hill Chapter 7- Energy	**SC.3.P.10.1** Identify some basic forms of energy such as light, heat, sound, electrical, and mechanical. **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 until it strikes an object or travels from one medium to another. **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 also give off heat. **SC.3.P.11.2** Investigate, observe, and explain that heat is produced when one object rubs against another, such as rubbing one's hands together. **Unit also reinforces** SC.3.N.1.1 SC.3.N.1.3 SC.3.N.1.4 SC.3.N.1.3 SC.3.N.1.4

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	SC.3.N.1.3 SC.3.N.1.4 SC.3.N.1.6 SC.3.N.1.7 SC.3.N.3.2