Content Standards are ongoing and may be covered at different times throughout the year

Diocese of Bridgeport

Curriculum Map

Course: Science

Grade Level - 3

	Content	Skills	Assessments	Content Standards
Life Science	Plant life-structures, functions and growth Animal Life-structures, functions and growth Habitats Adaptations	Describe the life cycle of plants Explore how flower forms seeds Be able to identify parts of a plant and their functions Identify the characteristics and classifications of animals Explore habitats and recognize animals' need for migration and hibernation. Describe and understand the importance of appropriate habitats Compare different animals' defense mechanism in means of protection.	Formative & Summative Examples: ▪ Selected response and short answer. ▪ Extended written response. ▪ Performance Assessment & Rubrics. ▪ Personal Communication	**3.2 - Organisms can survive and reproduce only in environments that meet their basic needs.** Plants and animals have structures and behaviors that help them survive in different environments.

	Plant and Animal Dependancy Environments Conservation of Natural Resources	Describe how an organism changes the environment or adapts to survive Describe food chains Understand the need for conservation of resources and protection of the environment		**3.4 - Earth materials provide resources for all living things, but these resources are limited and should be conserved.** Decisions made by individuals can impact the global supply of many resources.
Earth Science	Earth's Composition & Landforms Rocks and Minerals	Demonstrate knowledge of the composition and layers of the Earth. Relate weathering and erosion to changes in landforms Observe and describe the characteristics of rocks and minerals. Describe how the Earth's materials are used.		**3.3 - Earth materials have different physical and chemical properties.** Rocks and minerals have properties that may be identified through observation and testing. These properties determine how earth materials are used.

Physical Science	Matter The effect of energy such as heat on matter	Demonstrate knowledge of the types and properties of matter. Identify the states of matter (solid, liquid, gas) Create a list of the 3 different types of matter that you come into contact with on a daily basis Describe the effect of heating and cooling on matter. Create the water cycle in a closed plastic container. Sort and classify materials based on properties such as dissolving in water, sinking and floating, conducting heat, and attracting to magnets. Describe the effect of heating on the melting, evaporation, condensation and freezing of water.		**3.1 - Materials have properties that can be identified and described through the use of simple tests.**

Human Body	Nutrition	Identify and comprehend the five senses Describe how the body protects and fights disease Identify the food pyramid Understand the relationship between healthy diet and good health		**3.2 - Organisms can survive and reproduce only in environments that meet their basic needs.** Plants and animals have structures and behaviors that help them survive in different environments

	Scientific Inquiry **Scientific Literacy** **Scientific Numeracy**	• Develop safe practices in the laboratory		**B INQ.1** Make observations and ask questions about objects, organisms and the environment. **B INQ.2** Seek relevant information in books, magazines and electronic media. **B INQ.3** Design and

					conduct simple investigations.
				B INQ.4	Employ simple equipment and measuring tools to gather data and extend the senses.
				B INQ.5	Use data to construct reasonable explanations.
				B INQ.6	Analyze, critique and communicate investigations using words, graphs and drawings.
				B INQ.7	Read and write a variety of science-related fiction and nonfiction

				texts. **B INQ.8** Search the Web and locate relevant science information. **B INQ.9** Use measurement tools and standard units (e.g., centimeters, meters, grams, kilograms) to describe objects and materials. Use mathematics to analyze, interpret and present data.