

Elementary Academic Progression for **SCIENCE**

	K	1	2	3	4	5
Science & Engineering Practices	<ol style="list-style-type: none"> Asking Questions and Defining Problems Developing and Using Models Planning and Carrying Out Investigations Analyzing and Interpreting Data Using Mathematical and Computational Thinking Engaging in Argument from Evidence Constructing Explanations and Designing Solutions Obtaining, Evaluating, and Communicating Information 					
Life Science	Worm Scouts Interdependent Relationships in Ecosystems	Animal and Plant Structures	Save the Bees Interdependent Relationships in Ecosystems	Generations of Monarch Butterflies Life Cycles and Traits Where are the Wolves? Interdependent Relationships in Ecosystems	A Walk in the Park Structure, Function, and Information Processing	Matter and Energy in Organisms and Ecosystems
Physical Science	Pushes and Pulls Forces and Interactions	Sending Messages with Light and Sound Waves	Structure and Properties of Matter	Invisible Forces Forces, Motion, and Magnets	Powering Thru the Fair Energy Waves and Information	Toys Matter Structure and Properties of Matter
Earth and Space Science	Weather Patterns	Sky Patterns in the Day and Night	Fast and Slow Processes that Shape the Earth	Stormy Skies Weather and Climate	Earth's Processes in NYS Processes that Shape the Earth	Got Water? Earth's Systems Space Systems Stars and the Solar System
Cross-Cutting Concepts	<ol style="list-style-type: none"> Patterns Cause and Effect Scale, Proportion, and Quantity Systems and System Models Energy and Matter: Flows, Cycles, and Conservation Structure and Function Stability and Change 					