

**Diocese of Allentown
Grade 5 Science
Overview**

Unit 1	Unit 2	Unit 3
<p>Enduring Knowledge 1: <i>Use the scientific method, processing skills, equipment, and lab safety to solve problems.</i></p>	<p>Enduring Knowledge 6: <i>Climate is the result of weather patterns.</i></p>	<p>Enduring Knowledge 11: <i>Newton's three laws of motion explain how force and mass interact to create motion or a change in motion.</i></p>
<p>Enduring Knowledge 2: <i>The dynamic Earth can be studied as individual systems.</i></p>	<p>Enduring Knowledge 7: <i>Ecosystems and biomes are climatically similar areas of Earth.</i></p>	<p>Enduring Knowledge 12: <i>Gravity and friction are forces of nature.</i></p>
<p>Enduring Knowledge 3: <i>The Water Cycle and Carbon and Nitrogen Cycles affect Earth's weather and climate.</i></p>	<p>Enduring Knowledge 8: <i>Severe weather, global climate change, and global warming impact Earth's surface.</i></p>	<p>Enduring Knowledge 13: <i>Magnetism and buoyancy are forces of nature.</i></p>
<p>Enduring Knowledge 4: <i>The elements of weather are important factors that determine the weather and weather patterns.</i></p>	<p>Enduring Knowledge 9: <i>Potential and kinetic energies work to produce changes in the motion of objects.</i></p>	<p>Enduring Knowledge 14: <i>There are six basic types of simple machines that help us do work more efficiently. When simple machines are combined, complex machines are made.</i></p>
<p>Enduring Knowledge 5: <i>Weather can be observed and measured utilizing various weather instruments.</i></p>	<p>Enduring Knowledge 10: <i>Force can be observed and measured.</i></p>	<p>Enduring Knowledge 15: <i>Engineering design can be used to demonstrate the physical law of motion, as well as, the workings of machines.</i></p>

