

**Diocese of Allentown
Grade 6 Science
Overview**

Unit 1	Unit 2	Unit 3
Enduring Knowledge 1: <i>Use the Scientific Method, processing skills, equipment, and lab safety to solve problems.</i>	Enduring Knowledge 6: <i>Matter has properties that can be measured.</i>	Enduring Knowledge 11: <i>The Nature of Heat Energy includes the study of thermal energy and its behavior.</i>
Enduring Knowledge 2: <i>Atoms are made up of subatomic particles and are the basic unit of matter.</i>	Enduring Knowledge 7: <i>Matter can be changed due to physical and chemical changes.</i>	Enduring Knowledge 12: <i>The Nature of Electrical Energy is explained both as static and current electricity.</i>
Enduring Knowledge 3: <i>Elements are pure matter and are identified on the Periodic Table of Elements.</i>	Enduring Knowledge 8: <i>The Nature of Waves represents a transfer of Energy.</i>	Enduring Knowledge 13: <i>The production of Electrical Energy is transformed and has diverse sources.</i>
Enduring Knowledge 4: <i>Atoms can be combined to form molecules held together by bonds.</i>	Enduring Knowledge 9: <i>The Nature of Light Energy includes the study of the Electromagnetic Spectrum.</i>	Enduring Knowledge 14: <i>Conservation of energy and alternative sources are available.</i>
Enduring Knowledge 5: <i>Mixtures and Methods describe the difference between types of physical substances.</i>	Enduring Knowledge 10: <i>The Nature of Sound Energy involves the compression and rarefaction of molecules.</i>	Enduring Knowledge 15: <i>Scientific investigations can lead to a science project that is collaborative or individual.</i>