

**Diocese of Allentown  
Grade 7 Science  
Overview**

<b>Unit 1</b>	<b>Unit 2</b>	<b>Unit 3</b>
<b>Enduring Knowledge 1:</b> <i>Use the Scientific Method, processing skills, equipment, and lab safety to solve problems.</i>	<b>Enduring Knowledge 6:</b> <i>Inheritance can be understood and predicted.</i>	<b>Enduring Knowledge 11:</b> <i>Organisms carry out respiration.</i>
<b>Enduring Knowledge 2:</b> <i>Life can be defined and is carried out in a variety of ways to accomplish the same needs.</i>	<b>Enduring Knowledge 7:</b> <i>Genes encode for proteins and can be manipulated.</i>	<b>Enduring Knowledge 12:</b> <i>Organisms carry out regulation.</i>
<b>Enduring Knowledge 3:</b> <i>Systems require organization and are composed of components working together; cells are the basic working components of life.</i>	<b>Enduring Knowledge 8:</b> <i>Diversity arises from mutation.</i>	<b>Enduring Knowledge 13:</b> <i>Movement of humans occurs through the use of muscles and the skeleton.</i>
<b>Enduring Knowledge 4:</b> <i>Similarities and differences exist between living things.</i>	<b>Enduring Knowledge 9:</b> <i>Life arises from life; organisms carry out reproduction through conception, pregnancy, and development.</i>	<b>Enduring Knowledge 14:</b> <i>Organisms carry out digestion and excretion.</i>
<b>Enduring Knowledge 5:</b> <i>Organisms inherit and acquire traits from parents.</i>	<b>Enduring Knowledge 10:</b> <i>Organisms carry out transport.</i>	<b>Enduring Knowledge 15:</b> <i>Organisms are connected to each other and the world around them.</i>