

## ***GRADE SIX SCIENCE UNITS***

Life Science	Physical Science	Technology / Engineering
<b>INVERTEBRATES</b>	<b>PROPERTIES OF MATTER</b>	<b>ENGINEERING DESIGN</b>
<p style="text-align: center;"><b>Main Concepts</b></p> <p>Human body systems are interconnected.</p> <p>Illness is caused by a breakdown within a system(s) of the human body</p> <p>Lifestyle choices can affect the functioning of human body systems.</p>	<p>Main Concepts</p> <p><b>The atom is a fundamental building block of matter</b></p> <p><b>Matter is not created nor destroyed, just rearranged</b></p> <p><b>Matter can exist in different states</b></p> <p>Chemical reactions result in the formation of entirely new substances</p>	<p><b>Main Concepts</b></p> <p>Structures exist in nature Different geometric shapes have different functions and purposes</p> <p>Measurement is essential to design</p> <p>Building a structure requires the cooperation and coordination of many people</p> <p>When planning the construction of a structure, natural forces must be considered</p>
	<b>LAWS OF MOTION</b>	
	<p>Main Concepts:</p> <p><b>Energy is constant and can never be destroyed</b></p> <p><b>Energy exists in many forms and can be transformed from one form to another</b></p> <p><b>Relationships exist between different forms of energy</b></p> <p><b>The motions of an object can be predicted by analyzing the forces on the object</b></p> <p><b>Newton's Laws affect all motion</b></p>	