

**Elizabethtown Area School District
Scope & Sequence - Quick Reference**



Department: Science

Course: Physical Science

Grade Level(s): 7

<i>Unit Title</i>	<i>General Topic(s)</i>	<i>Pacing</i>
<ul style="list-style-type: none"> Nature of Science 	<ul style="list-style-type: none"> Scientific Method Measurement Graphing Language of Science Experimental Design 	First ½ of September
<ul style="list-style-type: none"> Structure and Properties of Matter 	<ul style="list-style-type: none"> Models of Atoms Particle Motion 	Second ½ of September and October
<ul style="list-style-type: none"> Chemical Reactions 	<ul style="list-style-type: none"> Characteristics of Substances Conservation of Matter 	November - Before Fall Break
<ul style="list-style-type: none"> Waves Properties 	<ul style="list-style-type: none"> Patterns of Motion Patterns of Energy Transfer 	First ½ of December
<ul style="list-style-type: none"> Electromagnetic Radiation 	<ul style="list-style-type: none"> Wave Interactions with Matter 	Second ½ of December
<ul style="list-style-type: none"> Information Technology and Instrumentation 	<ul style="list-style-type: none"> Digital Communication 	First Week of January
<ul style="list-style-type: none"> Definitions of Energy 	<ul style="list-style-type: none"> What is Energy? Types of Energy 	January
<ul style="list-style-type: none"> Relationship Between Energy and Energy Forces 	<ul style="list-style-type: none"> Electrical, Magnetic, Gravitational Forces 	February

<ul style="list-style-type: none">• Forces and Motion	<ul style="list-style-type: none">• Balanced/Unbalanced Forces• Newton's Laws	March
<ul style="list-style-type: none">• Types of Interactions	<ul style="list-style-type: none">• Interdependence of Forces	April
<ul style="list-style-type: none">• Conservation of Energy and Energy Transfer	<ul style="list-style-type: none">• Thermodynamics	May