

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



Department: Middle School Science

Course: Life Science

Grade Level: 8th Grade

<i>Unit Title</i>	<i>General Topic(s)</i>	<i>Pacing</i>
1. Nature of Science and Taxonomy	<ul style="list-style-type: none"> ● Scientific Terminology ● Scientific Method ● Characteristics of Life ● Levels of Taxonomy ● Taxonomic Keys 	3-4 weeks 2-3 weeks
2. Cells	<ul style="list-style-type: none"> ● Levels of Organization ● Cell Structure ● Cell Processes 	6-7 weeks
3. Genetics	<ul style="list-style-type: none"> ● Basics of Heredity ● Cell Cycle ● Types of Reproduction ● DNA Structure ● Biotechnology 	6-7 weeks
4. Natural Selection	<ul style="list-style-type: none"> ● Adaptations ● Survival of the Fittest ● Variations and Relatedness ● Change Over Time 	4-5 weeks
5. Ecology	<ul style="list-style-type: none"> ● Levels of the Environment ● Matter and Energy Flow ● Ecological Interactions ● Invasive/Keystone Species 	4-5 weeks