

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



Department: Science

Course: Biology/ Honors Biology

Grade Level(s): 10th

<i>Unit Title</i>	<i>General Topic(s)</i>	<i>Pacing</i>
Cell Organization	<ul style="list-style-type: none"> ● Macromolecules ● Cell Specialization ● Cell Organization ● Elements of Life 	8-14 days
Bioenergetics	<ul style="list-style-type: none"> ● Energy & ATP ● Photosynthesis ● Cellular Respiration 	8-14 days
Cell Division & Transport	<ul style="list-style-type: none"> ● Mitosis ● Active Transport ● Passive Transport 	8-14 days
DNA	<ul style="list-style-type: none"> ● DNA Structure ● DNA Replication ● Protein Synthesis ● Enzymes 	8-14 days
Genetics	<ul style="list-style-type: none"> ● Meiosis ● Mendelian Genetics ● Non-Mendelian Genetics ● Pedigrees 	8-14 days
Evolution	<ul style="list-style-type: none"> ● Adaption ● Natural Selection ● Evolution ● Taxonomy ● Extinction 	8-14 days

Ecology	<ul style="list-style-type: none">● Populations● Ecosystems● Symbiotic Relationships● Cooperation● Cycles of Matter● Energy Flow● Human Impact	8-14 days
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The high school is on a block schedule, so the 2nd half of the year would repeat the above sequence starting near the end of January. These units may be done in different orders due to lab equipment and supplies.