

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



**Department:** Science

**Course:** 4th Grade Science

**Grade Level(s):** 4th Grade

<b>Unit Title</b>	<b>General Topic(s)</b>	<b>Pacing</b>
Human Body, Vision, & the Brain	<ul style="list-style-type: none"> <li>● System models</li> <li>● Muscles &amp; skeleton</li> <li>● Light, eyes, &amp; vision</li> <li>● Structure &amp; function of eyes</li> <li>● Brain, nerves, &amp; information processing</li> </ul> Anchor phenomena- Owl Ambush	19 days
Animal & Plant Adaptations	<ul style="list-style-type: none"> <li>● System models</li> <li>● Animal adaptations</li> <li>● Learned behavior &amp; instinct</li> <li>● Plant adaptations</li> <li>● Systems models &amp; explanation</li> </ul> Anchor phenomena- Up in the Trees	12 days
Earth's Features & Processes (CKLA Knowledge 5 Geology)	<ul style="list-style-type: none"> <li>● Fossils &amp; constructing explanations</li> <li>● Volcanoes &amp; patterns of Earth's features- CKLA connections</li> <li>● Volcanoes &amp; rock cycles- CKLA connections</li> <li>● Weathering &amp; erosion- CKLA connections</li> <li>● Sedimentary rock &amp; fossils</li> <li>● Erosion, natural hazards, &amp; engineering- CKLA connections</li> <li>● Rock &amp; Earth's surface- CKLA connections</li> </ul> Anchor phenomena- Fossil Finds	25 days
Energy & Energy Transfer	<ul style="list-style-type: none"> <li>● Energy &amp; modeling</li> <li>● Speed &amp; energy</li> <li>● Gravitational energy, speed, &amp; collisions</li> <li>● Collisions &amp; Energy Transfer</li> <li>● Energy Transfer &amp; engineering</li> <li>● Sound Waves &amp; Engineering</li> </ul> Anchor phenomena- Rube Goldberg Machine	25 days
Electricity, Light & Heat	<ul style="list-style-type: none"> <li>● Energy &amp; modeling</li> <li>● Renewable energy &amp; natural resources</li> <li>● Energy transfer &amp; engineering</li> <li>● Heat energy &amp; energy transfer</li> <li>● Sound waves &amp; engineering</li> </ul> Anchor phenomena: The Three Towers	11 days
Sound Waves & Communication	<ul style="list-style-type: none"> <li>● Sound waves &amp; conceptual modeling</li> <li>● Pattern transfer &amp; technology</li> <li>● Sound, vibration, &amp; engineering</li> <li>● Sound waves &amp; wavelength</li> </ul> Anchor phenomena- Seeing Sound	19 days