



STCA Year-at-a-Glance Curriculum

Subject: Science

Grade-Level: 4th Grade

Textbook Resource(s): IntoScience

Other Resource(s): Mystery Science; FOSS Kits; CKLA Curriculum; National Geographic

Semester 1	Semester 2
<ol style="list-style-type: none">1. Engineering and Technology<ol style="list-style-type: none">a. How do engineers make and improve designs to meet needs or solve a problem?2. Plant and Animal Structure and Function<ol style="list-style-type: none">a. How do organism structures support survival, growth, and reproduction?3. Energy and Communication<ol style="list-style-type: none">a. How is energy transferred through waves and how does this knowledge allow humans to transmit information across vast distances?	<ol style="list-style-type: none">1. Shaping Landforms<ol style="list-style-type: none">a. What factors and processes contribute to a landform changing over time, and what are the causes of land changes?2. Earth's Features and Resources<ol style="list-style-type: none">a. What evidence shows patterns in locations of natural hazards, such as earthquakes or volcanoes? How can we reduce the impact of these hazards?