



STCA Year-at-a-Glance Curriculum

Subject: Science

Grade-Level: 3rd 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 design solutions in consideration of criteria and constraints?2. Forces and Motion<ol style="list-style-type: none">a. What is gravity, and what other forces exist? What effects do these forces have on objects, even from a distance? How can patterns in motion be used to predict future motion?3. Life Cycles and Inherited Traits<ol style="list-style-type: none">a. How can we identify patterns in the life cycles of various organisms? What strategies do organisms use to survive in their environments?	<ol style="list-style-type: none">1. Organisms and Their Environments<ol style="list-style-type: none">a. How do organisms and their environments have a cause and effect relationship? How do organisms adapt and survive in specific habitats?2. Weather Impacts<ol style="list-style-type: none">a. How are environments impacted by weather and climate? How can we use data to predict future weather and look for patterns?3. Salmon<ol style="list-style-type: none">a. 3rd grade scholars study the life cycle of salmon and care for God's creation by attending to a group of salmon in their classroom before releasing them into Lake Washington.