



## STCA Year-at-a-Glance Curriculum

**Subject:** Science

**Grade-Level:** 1st 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"><li>1. Engineering and Technology<ol style="list-style-type: none"><li>a. How can we use the design process to define problems and plan solutions to problems? How is the structure of an object related to how it works?</li></ol></li><li>2. Light and Sound<ol style="list-style-type: none"><li>a. How can we design and conduct tests to explore how objects can be illuminated and how sound is made?</li></ol></li><li>3. Plant Parts<ol style="list-style-type: none"><li>a. How can we use what we know about the structures of plants to build a solution to keep us cool on a hot day?</li></ol></li></ol>	<ol style="list-style-type: none"><li>1. Animal Parts<ol style="list-style-type: none"><li>a. How can we observe parts of living things to build an understanding of similarities and differences in young and adult animals?</li></ol></li><li>2. Objects and Patterns in the Sky<ol style="list-style-type: none"><li>a. How can we use evidence to describe predictable patterns of the sun, moon, and stars, and explore seasonal patterns?</li></ol></li></ol>