



STCA Year-at-a-Glance Curriculum

Subject: Science

Grade-Level: 2nd Grade

Textbook Resource(s): IntoScience

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

| Semester 1 | Semester 2 |
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| <ol style="list-style-type: none">1. Engineering and Technology<ol style="list-style-type: none">a. How can we define a problem by asking questions, making observations, and gathering information? How can we use that information to develop and test solutions?2. Matter<ol style="list-style-type: none">a. What are properties of materials, and how can we choose materials based on their properties to guide a solution to a problem?3. Earth's Surface<ol style="list-style-type: none">a. How can we identify and represent the earth's surface, including its landforms and bodies of water? | <ol style="list-style-type: none">1. Changes to the Earth's Surface<ol style="list-style-type: none">a. How can we use evidence to explain why some changes on the earth's surface happen slowly, and some quickly?2. Environments for Living Thing<ol style="list-style-type: none">a. How are plants and animals on land and water different, and how do living things find what they need to survive in these habitats? |