

ABOUT THIS DOCUMENT

This document is meant to provide WCUUSD elementary teachers with a curriculum map for teaching science at this grade level.

The standards and performance indicators (PI's) are aligned to the [Next Generation Science Standards](#).

Each grade level has 3 science units per year. This map is based on the [elementary overview](#) developed during Curriculum Camp 2022.

Many of our classrooms are organized in multiage configurations. Teachers and principals in schools that have multiage configuration will need to work together to articulate 2-year implementation cycles of these curriculum maps.

In recognition that science and global citizenship often alternate, these maps are designed with the equivalent of one semester of available time in mind based on science lessons of 25 minutes/day or 2 hours and 5 minutes/week. We recognize that schedules and time allocations vary in the elementary schools. We have organized these maps to allow teachers the flexibility to organize their schedules in a way that makes the most sense for their students.

Finally, this document is a work in progress. We will be adding to it and improving it through our collaborative work.

K-6 UNITS AT-A-GLANCE

Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
Living Things and Their Needs	Intro to Sun, Moon, and Stars	Intro to Matter	Life in Ecosystems	Changing Earth	Matter and Energy in Ecosystems	Weather and Climate Systems
Forces: Pushes and Pulls	Light and Sound	Earth Materials	Forces and Interactions	Energy Works		Earth and Space Systems 2
Intro to Weather	Exploring Organisms	Ecosystem Diversity	Weather and Climate Patterns	Plant and Animal Structures	Earth and Space Systems 1	Energy Forces and Motion
					Structure and Properties of Matter	

Months	Standards and PI's	Unit	Resources
September-November	Standards 1a, 1b, 1c, 1d, 1e, 1f, 1j, 2, 3	Life in Ecosystems	Carolina Science Kit: Life in Ecosystems Mystery Science: Fossils, Animal Survival, and Hereditary Mystery Science: Plant Life Cycle and Hereditary
December-February	Standards 1g, 1h, 1i, 2, 3	Forces and Interactions	Carolina Science Kit: Forces and Interactions Mystery Science: Forces, Motion, and Magnets Tools for Ambitious Science Teaching: Non-contact Forces Unit
March-June	Standards 1k, 1l, 2, 3	Weather and Climate Patterns	Carolina Science Kit: Weather and Climate Patterns Mystery Science: Weather and Climate