

Cocalico School District
Year-at-a-Glance - Curriculum Overview

Department: Science

Course: Science

Grade Level: 5th grade

Big Ideas

- All living things are made of cells.
- Living things are classified in different ways.
- Weather is a measurable and predictable part of the water cycle.
- Oceans are complex systems that interact with the Earth’s land.
- Earth is a part of the solar system, which is made up of many different objects orbiting a sun.
- Forces, such as magnetism and gravitation, interact with objects, such as Earth, to produce motion.
- Many factors affect and define motion.

Units of Study	% of Course Time	Textbooks & Supplemental Materials	Assessments	Standards Addressed
• Processes of Living Things	34 %	• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs • Projects	• 3.1.7.A • 3.3.7.A • 3.3.7.B
• Classifying Living Things		• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs • Projects	• 3.1.7.A • 3.3.7.A
• Weather and Water Cycle	33%	• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs • Projects	• 3.5.7.C • 3.5.7.D • 3.7.7.B
• Earth’s Oceans		• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs • Projects	• 3.5.7.C • 3.5.7.D • 4.3.7.B
• Earth, Moon, and Beyond		• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs • Projects	• 3.4.7.D
• Forces • Motion	33%	• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs • Projects	• 3.4.7.C



Eagle P.A.C.T. Course Connections:

Students will **work with others** to research, observe, discover, **analyze** and conduct experiments related to the natural world around them. They will also **collaborate with peers** to develop **adaptations** or solutions to **authentic problems** which are relevant to their environments.