

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

**Department: Science**

**Course: Science**

**Grade Level: 1<sup>st</sup> grade**

**Big Ideas**

- Scientists use inquiry skills and science tools to find information.
- Heat, light, and sound are all forms of energy.
- Objects can move in different ways.
- Weather can be observed, measured, and described.
- The four seasons have their own weather.
- The sun, moon and stars are objects in the sky that seem to move because Earth rotates.
- Living things have special parts or behaviors that help them survive in their environments.
- Forests, deserts, and oceans are different habitats.

Units of Study	% of Course Time	Textbooks & Supplemental Materials	Assessments	Standards Addressed
• Inquiry Skills and Science Tools	34%	• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs	• 3.1.4.B • 3.2.4.B • 3.2.4.C
• Heat, Light and Sound		• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs	• 3.4.4.B
• Motion		• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs	• 3.4.4.C
• Weather	33%	• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs	• 3.5.4.C • 3.5.4.D
• Seasons		• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs	• 3.5.4.C
• Objects in the Sky		• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs	• 3.4.4.D
• Environments for Living Things	33%	• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs	• 3.3.4.A • 3.3.4.B • 3.4.7.D
• Places to Live		• HSP Science (2009) • Supplemental Resources	• Unit Assessment • Classroom Labs	• 3.3.4.A



**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.