

What Your Child Will Learn in Elementary School Science

The following chart identifies the units to be taught during each quarter. Due to the variation of materials and the configuration of teachers assigned to teach science, the order of units within a grading period may vary from teacher to teacher within a grade level at a school.

Fifth Grade

First Quarter	Second Quarter	Third Quarter	Fourth Quarter
<ul style="list-style-type: none">• Oysters	<ul style="list-style-type: none">• Land Use/A Slick Solution	<ul style="list-style-type: none">• Heat• Physical & Chemical Change	<ul style="list-style-type: none">• Heredity and Genetics• Family Life• Lego – Simple Machines

Oysters

Students will explain the idea that in any particular environment, some kinds of plants and animals survive well, some less well, and some cannot survive at all. They will also learn that individuals and groups of organism interact with each other and their environment.

Land Use/Slick Solution

Students will learn ways humans use the land and complete an engineering project related to the learning.

Heat

Students will provide evidence from investigations to identify the processes that can be used to change materials from one state of matter to another and connect this to a greater understanding of the water cycle, recognizing and describing that the amount of water on Earth continues to stay the same even though it may change from one form to another.

Physical and Chemical Change

Students will learn that matter can be detected and measured. They will provide evidence to illustrate that when a new material is made by combining two or more materials, its properties are different from the original materials and based on observations from investigations, students will describe what happens to the observable properties of materials when several materials are combined to make a new material.

All in the Family

Students will learn that in order for offspring to resemble their parents, there must be a reliable way to transfer information from one generation to the next.

Family Life

Students will learn basic information about physical changes during puberty and how genetic information is passed along in humans. Teachers will share materials with parents prior to instruction. An alternate unit is available.