

## LCCS [5] Grade [SCIENCE] Curriculum Overview

Month	Unit
September-October	Unit 1: Introduction Data Collection and Plant Study
November-December	Unit 2: Interactions Among Living Things
January-February	Unit 3: Earth Systems
February-March	Unit 4: Earth and Space
April-June	Unit 5: Matter

### Unit 1: Introduction Data Collection and Plant Study

**At a Glance:** In this unit students will review various skills learned in 4<sup>th</sup> grade, such as measuring and organizing data. They will discuss the practices of science and use these practices to plan and conduct an investigation. They will also learn about variables, and what happens is a variable is changed.

In addition, students will undertake a plant study in which they research various types of seeds and attempt to grow them. They will also learn about various types of invasive plant species.

**Timeline:** 17 Days

### Unit 2: Interactions Among Living Things

**At a Glance:** In this unit students will learn how living things in any environment interact with each other. They will learn about the various components of any ecosystem (producers, consumers, decomposers), and create food webs. They will also carry out a lab investigation to see how plants can benefit each other.

**Timeline:** 17 Day

### Unit 3: Earth Systems

**At a Glance:** In this unit students will learn about the major systems of the Earth, such as the geosphere and atmosphere. They will learn about the availability of freshwater and discover how humans have impacted and changed Earth.

**Timeline:** 9 Days

#### Unit 4: Earth and Space

**At a Glance:** In this unit students will observe that objects are pulled towards Earth's center due to gravitational forces. They will learn what a star is, and that the sun is a star. They will also learn about the effects of the rotations of the sun, moon, and Earth.

**Timeline:** 9 Days

#### Unit 5: Matter

**At a Glance:** In this unit students will learn about matter and some of its properties. They will learn about some of the changes that take place in matter, both physical and chemical. They will learn about some of the changes that take place in matter, both physical and chemical. They will learn about gasses and how they behave. They will also learn about changes in the form of matter.

**Timeline:** 26 Days