



Elementary students study topics from earth, life, and physical branches of science each year through unit studies. Integrating “living books,” poetry, art, hands-on activities, new vocabulary, and scientific discovery, students will delve into science topics in a lively and engaging way. They will develop scientific skills, practice the scientific method of inquiry, ask big questions, and search together for answers. Along the way, students will learn to listen to one another and to work together. Our elementary science classes are full of engaged students. Together, they celebrate the wonderful world the Lord has made and delight in discovering His fingerprint in all of creation!

The following chart gives you a sense of the units different classes may cover during a year. All content won't be “covered” every year. Our teachers have the freedom to extend units when students are deeply engaged and to follow those delightful rabbit trails of learning.

Elementary Division Science Unit Overview

Age	5/6	6/7	7/8	8/9	9/10	10/11
Life Science	Plants	Animals and their Habitats	Human Body	Ecology: Ecosystems and Biomes	Microscopy and Cells	Classification of Living Things
	Five Senses	Life Cycles	Birds	Animal Classification	Plants	Human eye and sight
	Insects					
Physical Science	Magnetism and Electricity	Physical Properties of Matter	Simple Machines	Light and Optics	Principles of Flight	Electricity
				Magnetism	Matter	Metrology: measurement
Earth Science	Seasons	Our Earth: Inside and Outside	Weather & the Water Cycle	Geography of the Earth: Land and Water forms	Astronomy	Geology
	Oceans and Ocean Life		Solar System		Oceans	Meteorology
STEM	Tinkering with Magnets and Circuits	Planes, Trains, and Automobiles	Building with Simple Machines	Levees & Dams	Bridges and Tunnels	Rocketry