

# SCIENCE

**COURSE DESCRIPTION:** This course is an introductory level course intended to familiarize and generate excitement about science. Academic objectives are not concrete and the entire approach is exploratory.

**TEXTBOOKS:**

*Enjoying God's World  
Health, Safety, & Manners*

**GOALS AND OBJECTIVES:**

**Goal 1: To understand how to be happy and healthy.**

- 1.1 The student will list protein and energy foods.
- 1.2 The student will list foods that fit in the food pyramid.
- 1.3 The student will record of their food intake for one day.
- 1.4 The student will discuss orally the rules for a pleasant.
- 1.5 The student will perform basic exercises.
- 1.6 The student will record their basic hygiene for one day.
- 1.7 The student will identify and tell the job of each tooth.
- 1.8 The student will repeat and discuss the uses of several vitamins to their body.
- 1.9 The student will identify the hair, pore, sweat gland, and oil gland.
- 1.10 The student will be able to explain the proper way to brush one's teeth.
- 1.11 The student will answer about proper ear care.
- 1.12 The student will illustrate ways to prevent colds and rules for good health.
- 1.13 The student will act out way to show wise choices and courteous living.
- 1.14 The student will list safety rules, signs and precautions.
- 1.15 The student will travel to dentist office.

**Goal 2: To explore the plant world.**

- 2.1 The student will demonstrate that plants can be divided into three groups according to their life span.
- 2.2 The student will plan a site by designing a park.
- 2.3 The student will plan a flowerbed by arranging the flowers by height and choosing pleasing color combinations.
- 2.4 The student will identify important information on a seed packet.
- 2.5 The student will identify various ways a gardener cares for his plants.
- 2.6 The student sill travel to the state park.

**Goal 3: To explore the animal world.**

- 3.1 The student will match an animal's unique designs with God's purpose for the animal.
- 3.2 The student will discover which home earthworms prefer.
- 3.3 The student will name animal habitations.
- 3.4 The student will illustrate animal homes.
- 3.5 The student will answer questions about beavers.
- 3.6 The student will illustrate ways God has equipped animals for survival.
- 3.7 The student will identify the parts of an insect.
- 3.8 The student will distinguish between honeybees and worker bees.

**Goal 4: To learn about air, weather, and the water cycle.**

- 4.1 The student will observe the presence of oxygen in the air.
- 4.2 The student will identify two gases found in air.
- 4.3 The student will give examples of what the wind can do.
- 4.4 The student will explain the cause of wind storms.
- 4.5 The student will explain the origin of precipitation and how it occurs.

**Goal 5: To understand simple facts regarding gravity and friction and their effects on earth and humans.**

- 5.1 The student will explain and give energy and what gives us energy.
- 5.2 The student will define and explain the concept of gravity.
- 5.3 The student will explain friction.
- 5.4 The student will draw what they think this world would look like without gravity.
- 5.5 The student will observe the function of friction in a spinning top.
- 5.6 The student will conduct experiments with magnets.

**TEACHING METHODS:** lecture, discussion, demonstrations, hands-on, field trips, centers, projects, discovery