

SCIENCE

COURSE DESCRIPTION: This course introduces the students to the wonders of God's creation and encourages them to explore science through various hands-on activities and observations.

TEXTBOOKS:

K5 Science- A Beka

GOALS AND OBJECTIVES:

Goal 1: To gain an understanding of God's plan for them

- 1.1 The student will follow along as the teacher reads the chapter on "God's Plan for Me".
- 1.2 The student will color a food pyramid.
- 1.3 The student will play games to achieve a greater understanding of his senses.
- 1.4 The student will orally answer questions pertaining to things that he can hear and things that he can feel.
- 1.5 The student will taste different foods and determine whether they are bitter, salty, sweet, or sour.
- 1.6 The student will sniff a variety of fragrances and identify the smell.
- 1.7 The student will identify a variety of items they touch.
- 1.8 The student will orally complete an unfinished statement about the function of the senses.

Goal 2: To gain an understanding of God's plan for weather

- 2.1 The student will follow along as the teacher reads "God's Plan for Weather" and answer oral questions.
- 2.2 The student will recognize who is dressed appropriately for snow and rain.
- 2.3 The student will use a thermometer to identify hot and cold temperatures.
- 2.4 The student will color pictures of children dressed for different temperatures.
- 2.5 The student will connect the dots to complete the picture of items one would need on a rainy day.

Goal 3: To gain an understanding of God's plan for the seasons

- 3.1 The student will follow along as the teacher reads "God's Plan for Seasons"
- 3.2 The student will identify the four seasons from pictures.

- 3.3 The student will orally categorize activities that can be done during each of the four seasons.
- 3.4 The student will determine the season by studying the temperature reading on a thermometer.
- 3.5 The student will explain animal behavior during the seasons.
- 3.6 The student will color a winter scene.

Goal 4: To gain an understanding of God’s plan for seeds

- 4.1 The student will follow along while the teacher reads “God’s Plan for Seeds”.
- 4.2 The student will identify some seeds that people can eat.
- 4.3 The student will plant seeds in cups and discuss the growth process of a seed into a plant.
- 4.4 The student will list elements for plant growth.
- 4.5 The student will explain numerous ways seeds are dispersed.
- 4.6 The student will color pictures.
- 4.7 The student will draw different vegetables in a garden.

Goal 5: To gain an understanding for God’s plan for animals

- 5.1 The student will follow along while the teacher reads “God’s Plan for Animals”.
- 5.2 The student will identify animals that make good pets for people.
- 5.3 The student will match animals to their homes.
- 5.4 The student will describe the importance of mothers to their babies.
- 5.5 The student will relate ways farm animals are useful to humans.
- 5.6 The student will match animals to their food.
- 5.7 The student will express different ways to care for pets.
- 5.8 The student will explain the difference between an insect and a spider.
- 5.9 The student will color pictures of zoo animals.

Goal 6: To gain an understanding for God’s plan for the seashore

- 6.1 The student will follow along while the teacher reads “God’s Plan for the Seashore”.
- 6.2 The student will touch a variety of seashells from the seashore.
- 6.3 The student will draw a sea life scene.
- 6.4 The student will color a variety of sea life pictures.
- 6.5 The student will connect the dots to complete a sea life scene.

TEACHING METHODS: Narratives, explanations, and demonstrations are primary teaching techniques used in K5 science. The internet is used to provide pictures and videos.