

SCIENCE KINDERGARTEN

VALUES AND ATTITUDES	The student will: Recognize growth as stages of development. Appreciate, care for, and protect the gifts God has given us. Living things are dependent on each other for survival. Protect all of the earth’s natural resources. Become aware of how seasonal changes relate to climate. Appreciate the value of order. Understand the role of tools in our lives and appreciate how they extend our capabilities. Understand that senses are an integral part of observation. Realize that meaningful questions extend our learning and understanding.
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STRAND A Life Science

OBJECTIVES
Animals and plants <ul style="list-style-type: none">• Identify objects as living or non-living.• Use senses to observe life activities.• Sort a group of organisms into plant and animal kingdoms.• Identify similarities and differences observed in different kinds of plants.• Identify similarities and differences observed in different kinds of animals.• Observe different ways in which animals move from place to place.• Observe the different ways in which plants move.• Observe the similarities of humans to other animals and their basic needs.• Observe how humans grow and change.• Recognize that plants and animals are dependent on each other.

STRAND B Earth Science

OBJECTIVES
Weather <ul style="list-style-type: none">• Observe current weather conditions using senses and simple instruments.• Observe and discuss daily weather changes.• Identify types of precipitation, variations in wind, sky conditions and day and night changes.• Describe weather characteristics found during stormy periods.• Observe similarities and differences in seasonal weather changes.

STRAND C Physical Science

OBJECTIVES

Properties of materials

- Describe objects in terms of their physical properties.
- Describe how objects are used.
- Observe and describe objects using five senses and locate sense organs.
- Measure some physical properties of matter.
- Identify and apply nonstandard units of measure.
- Describe motion in objects, humans and animals.
- Describe the function of tools.
- Identify the benefit of common classroom tools.

STRAND D Nature of Science

OBJECTIVES

Conducting investigations

- Observe data using all five senses.
- Classify properties of common objects.
- Describe relative position of objects to a reference point.
- Collect and sort common objects by one physical attribute.
- Communicate observations orally.
- Draw conclusions from patterns in data.