

Department: Science

Course Name: Junior Kindergarten Science

Course Description:

This course introduces the development of an understanding of scientific investigation, life processes, conservation and the Solar system. It explores weather features as well as landforms and it also introduces scientific tools.

Content:

Natural Resources/conservation

Seasons

Landforms

Solar system

Shadows

Gravity

Dinosaurs

Life cycles

Weather

Nutrition

Animal life and habitats

Five senses

Length/mass/volume/weight

Texture

Skills:

Apply reason, logic and basic problem-solving skills

Describe objects using pictures and words

Separate a set of objects into two or more groups based on one physical attribute

Compare the length and mass of different objects

Identify textures and feel

Describe relative size and weight

Describe position and speed

Describe what living things need to grow

Recognize what objects can be recycled

Identify ways that energy can be conserved

Identify good health habits

Make daily weather observations

Identify the body parts that correspond with each of the senses

Recognize water in its three forms

Create a shadow and describe how it was created

Recognize the order or stages of animal and plant growth

Identify dinosaurs

Define extinct

Text and Materials:

Numerous themed books

Various manipulatives

Seeds and plants

School garden

Seesaw

Methods of Instruction:

Simple experiments
Teacher led discussion
Oral response
Worksheets
Sequencing cards
Visits to the school garden

Methods of Evaluation:

Oral participation
Classroom performance
Worksheets
Teacher evaluation

