

Curriculum Guide

Science

Kindergarten Science

Your child will:

- observe and identify objects and their properties using the five senses
- learn about animals, trees and objects that sink and float and understand concepts such as habitat, properties of trees and matter and density of items that sink or float
- develop growing curiosity about living things that make up their world

First Grade Science

Your child will:

- observe and identify objects by using the five senses
- understand topics such as the life cycle of the butterfly, the five senses, and seashore ecosystems
- develop curiosity and interest in living things by evaluating, questioning and analyzing
- use drawings and oral language to describe observations

Second Grade Science

Your child will:

- observe using the five senses
- learn about solids/liquids, water and weather
- understand concepts such as change, time measurement, and metamorphosis
- use drawings and oral language to describe observations, evaluate, question and estimate

Third Grade Science

Your child will:

- observe and compare objects and their properties
- learn about sound, solar system and ecosystems/wetlands and understand concepts such as the physics of sound, properties of planets and stars, orbit, habitat, conservation and adaptation
- develop a growing curiosity of the universe

Fourth Grade Science

Your child will:

- observe, compare, predict, infer, classify and formulate models and begin to learn to identify and control variables
- learn about light, NW geology and understand concepts such as energy and reflection
- further develop their curiosity in the world

Fifth Grade Science

Your child will:

- learn about electricity and magnetism
- study animals by classification of vertebrate/invertebrate
- further develop their curiosity in the world and develop understanding of scientific process

Sixth Grade Science

Your child will:

- study the physical and environmental science including matter, variables and solar energy
- learn about the solar system or ocean habitats
- study trees and forests during an outdoor experience

Seventh Grade Science

Your child will:

- learn what it takes to be a scientist including how to develop a hypothesis, test that idea and evaluate data to draw a conclusion
- study matter; measurement, effects of physical and chemical changes
- explore the classification of plants and organisms with in-depth study of viruses, fungi, mosses and ferns
- investigate the periodic table of elements
- learn about the human body systems