



Course Content Benchmark for Science

The following benchmark outlines the basic expectations of what students are expected to know at the end of each grade level for Science.

Pre-Kindergarten

- Insects
- Animals at the Farm
- Creatures of the Sea
- Health Maintenance
- Simple Body Parts
- Flowers and Plants
- Liquids and Solids
- Color Blends

Kindergarten

- Life: Living vs. Non-living; Life Cycles
- Physical: Float and Sink; Moving Objects
- Earth: Weather; Seasons
- Human Body/Health: Nutrition; Feelings/Emotions

Grade 1

- Life: Plants; Animals
- Physical: Matter; Magnetism
- Earth: The Sky; Sun and Clouds
- Human Body/Health: Dental Care; Five Senses

Grade 2

- Life: Dinosaurs; Fossils
- Physical: Heat; Water Cycle
- Earth: Solar System; Recycling
- Human Body/Health: Brain, Heart Lungs; Food Pyramid

Grade 3

- Life: Habitats; Adaptations
- Physical: Energy; Forces
- Earth: Volcanoes; Earthquakes
- Human Body/Health: Germs; Bones and Muscles

Grade 4

- Life: Plants and Animals; Structure and Function
- Physical: Electricity, Magnetism, Light and Sound

- Earth: Weather; Oceans
- Human Body/Health: Digestive, Circulatory, and Nervous Systems

Grade 5

- Life: Plants and Animals; Classification
- Physical: Heat; Matter
- Earth: Soil Erosion; Astronomy
- Human Body/Health: Respiration, Excretion, Nutrition

Grade 6

- Life: Ecosystems; Biomes
- Physical: Laws of Motion; Solutions
- Earth: Earth Structure; Resources and Conservation
- Human Body/Health: Nervous System; Five Senses

Grade 7

- Life: Cells; Heredity
- Physical: Waves; Light and Sound
- Earth: Oceanography; Ocean Resources
- Human Body/Health: Bones, Muscles, Skin

Grade 8

- Life: Foundations of Life; Carbon Chemistry
- Physical: Atomic Energy; Periodic Table; Chemical Reactions
- Earth: Volcanoes; Earthquakes; Plate Tectonics
- Human Body/Health: Circulatory System; Effects of Drugs on the Body

