

Science Curriculum for Grades K-8

KINDERGARTEN

The Science curriculum is aligned to state learning standards. Instruction is based on the inquiry method, helping students to think scientifically in everything they study.

Units of study include:

- The Senses
- Force and Motion
- My World

GRADE 1

The Science curriculum is aligned to state learning standards. Instruction is based on the inquiry method, helping students to think scientifically in everything they study.

Units of study include:

- Animals
- Air & Weather and Properties of Matter
- Plants

GRADE 2

The Science curriculum is aligned to state learning standards. Instruction is based on the inquiry method, helping students to think scientifically in everything they study. Units of study include:

- What Makes Me Sick and Sound
- Light and Heat
- Our Place in Space

GRADE 3

The Science curriculum is aligned to state learning standards. Instruction is based on the inquiry method, helping students to think scientifically in everything they study. Units of study include:

- Simple Machines/Force and Motion
- States of Matter
- Human Body Systems

GRADE 4

The inquiry-based Science curriculum is aligned to state learning standards. Units of study include:

- Electricity and Magnetism
- Earth's Processes
- Life Cycles

GRADE 5

The Science curriculum is aligned to state learning standards. Instruction is based on the inquiry method, helping students to think scientifically. Units of study include:

- Cells and Scientific Inquiry
- Astronomy
- Weather

GRADE 6

The Science curriculum is aligned to state learning standards. Instruction is based on the inquiry method, helping students to think scientifically in everything they study.

Units of study include the following:

- Scientific Method
- Matter
- Micro-organisms
- Earth Plate Tectonics
- Health – Body Systems

GRADE 7

The Science curriculum is aligned to state learning standards. Instruction is based on the inquiry method, helping students to think scientifically in everything they study. Units of study include the following:

- Environment
- Skeletal System
- Genetics
- Biodiversity
- Rocks
- Plants

GRADE 8

The Science curriculum is aligned to state learning standards. Inquiry-based instruction helps students to think scientifically. Eighth-grade students learn about:

- Weather
- Force: Simple Machines
- Energy
- Light
- Solutions - Chemistry