

Mt. Calvary-Grace Lutheran School

Science & Health Curriculum Guide

General Objectives

- Accept in faith the biblical account of heaven and earth.
- Appreciate the beauty and wonder of God's creation.
- Learn to appreciate and conserve the natural resources God has given us.

Grade Level Objectives

Pre-kindergarten

Units of Study:

- Day & Night
- The Human Body
- Seasons & Weather
- Fire Safety
- Dental Care
- Nutrition & Cooking
- How Plants Grow
- Farm Animals

Grade 1

Units of Study:

- Five Senses
- Health & Safety
- Animals & Plants
- Living/Nonliving Things
- Matter: Length, Mass, Volume
- Force, Motion, Machines
- Space
- Water, Rocks, & Soil
- Weather, Clouds, & Seasons

Grade 3

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Units of Study:

- The World of Plants
- The World of Animals
- Life Cycles of Animals
- Where Plants and Animals Live
- Measuring Matter
- Simple Machines
- Sound and Light
- The Moon

Kindergarten

Units of Study:

- Seasons
- Animals
- Land, Air, & Water
- Senses
- Plants
- The Human Body
- Dental Hygiene
- Nutrition/Food Groups
- Magnets
- Measurement (with Math)

Grade 2

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Units of Study:

- Safety
- The Solar System
- Earth: Soil & Water
- The Food Pyramid
- Introduction to the Human Body
- Living Things: Animals & Plants
- Magnets
- Weather

Grade 4

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Units of Study:

- Seed Plants
- Animals with Backbones
- Animal Adaptations
- Ecosystems
- Properties of Matter
- Work and Energy
- Heat
- Earth, Sun, and Moon

- The Earth and Its Resources
- Measuring Weather
- The Senses
- Choosing Foods Wisely

Grade 5

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Units of Study:

- Simple Living Things
- Animals Without Backbones
- Plant Growth and Adaptations
- Biomes
- Classifying Matter
- Changes in Matter
- Motion and Forces
- Electricity and Magnetism
- The Solar System
- Weathering
- Energy Resources
- Resources and Pollution
- Predicting the Weather
- Support and Movement of the Body
- Control Systems of the Body

Grade 7

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Units of Study:

- Interactions
- Diversity of Living Things
- Solutions
- Force and Motion
- The Restless Earth
- Toward the Stars
- Growing Plants

- Minerals and Rocks
- Water on the Earth
- The Atmosphere
- Digestion
- Circulation

Grade 6

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Units of Study:

- Science and Technology
- Patterns of Living Things
- It's a Small World
- Investigating Matter
- Chemical Changes
- Energy and You

Grade 8

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Units of Study:

- Continuity of Life
- Life Processes
- Machines, Work, and Energy
- Oceans and Climates
- Electromagnetic Systems
- Sound

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