

Middle School Science Curriculum

6th Grade

Water and Atmosphere

- Fresh Water
- Oceans
- Atmosphere
- Weather
- Climate and Climate Change

Earth Structure

- Introducing Earth
- Minerals and Rocks
- Plate Tectonics
- Earth Quakes
- Volcanoes

Astronomy

- Earth, Moon and Sun
- Exploring Space
- The Solar System
- Stars, Galaxies and the Universe
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Grade 7

Human Body System

- The Human Body
- Bones, Muscles and Skin
- Digestion
- Circulation
- Respiration and Excretion
- The Nervous System
- The Endocrine System and Reproduction

Cells and Heredity

- Introduction to Cells
- Cells Processes and Energy
- Genetics: The Science of Heredity
- DNA: The Code of Life
- Human Genetics and Genetic Technology
- Change overtime

Ecology and Environment

- Populations and Communities
- Ecosystems and Biomes
- Resources and Living Things
- Land, Air and Water Resources
- Energy Resources

8th grade

Force and Energy

- Motion
- Forces
- Work and Machines
- Energy
- Thermal Energy and Heat
- Electricity
- Magnetism and Electromagnetism

Sound and Light

- Characteristics of Waves
- Sound
- Electromagnetic Waves
- Light

Introduction to Chemistry

- Introduction to Matter
- Solid, Liquids and Gases
- Elements and Periodic Table
- Atoms and Bonding
- Chemical Reactions
- Acids, Bases and Solutions