



First Nine Weeks

Cells and Microorganisms

- Cell structure
- Parts of plant and animal cells
- Single and multi-celled organisms
- Beneficial/harmful microorganisms

Genetics

- Traits
- Learned behaviors
- Heredity

Health OCC

Safety

- First Aid
- Violence Prevention/Bullying
- Resources

Second Nine Weeks

Classification

- System of classification
- Interactions of organisms
- Habitats
- Vertebrates/invertebrates
- Vascular/non-vascular plants
- New species

Chemical and Physical Changes

- Chemical/physical changes
- Law of Conservation of Matter
- Experimentation on matter

Health OCC

Alcohol, Tobacco, and Drugs

- Effects
- Persuasion
- Health
- Leadership Skills
- Resources
- Drug Awareness Week

Third Nine Weeks

Electricity/Magnetism

- Static electricity
- Current electricity
- Insulators/conductors
- Magnetism
- Electromagnets
- Bar magnets
- Simple circuit

Earth

- Constructive forces – deposition, volcanoes, earthquakes
- Destructive forces – erosion, weathering, deposition, volcanoes, earthquakes, organisms
- Landforms
- Geological processes
- Weathering agents/processes
- Human methods of control
- Human interaction

Fourth Nine Weeks

Earth
(continued)

Health OCC

Nutrition

- Dietary Guidelines
- Marketing Strategies
- Nutrients

Mental Health

- Stress Management

Growth and Development

- Puberty
- Reproductive system

Family Living

- Roles
- Parental Responsibilities

Personal Health

- Heart Health

Disease Prevention

- Endocrine/Immune System
- Communicable/Non-communicable Diseases

Teaching, Learning, Caring

The Characteristics of Science will be integrated into science inquiry lessons all year long. Science is a hands-on process of discovery.