

Northwestern School Corporation

2010 1st Grade Science

Course Outline

- I. Nature of Science
 - A. Scientific Thinking
 - 1. Classify, compare and contrast objects
 - 2. Identify, compare and contrast patterns
 - 3. Measure with standard and nonstandard objects
 - 4. Observe objects and seek answers to questions of the world
 - 5. Solve numerical problems
 - 6. Use of ordinal numbers
 - 7. Use of picture graphs
 - 8. Use of magnifiers
 - 9. Observe and gain information with the use of five senses
 - B. Living and Non-Living Objects
- II. Nature of Technology
 - A. Simple Machines
- III. Physical Science
 - A. Properties and Changes in Matter
 - B. Water Cycle
 - C. Energy sources
 - D. Mass
 - E. Motion
 - F. Forces of Nature
 - G. Weather
 - H. Temperature
 - I. Magnets
 - J. Electricity

IV. Earth and Space Science

A. Solar System

1. Planets
2. Space
3. Space Travel

B. Earth

1. Properties
2. Natural Resources
3. Seasons
4. Pollution
5. Conservation and Preservation
6. Geology
7. Moon

V. Life Science

A. Animals

1. Animal Groups
2. Life Cycles
3. Needs
4. Habitats and Social Behaviors
5. Adaptations
6. Prey and Predators
7. Extinct and Endangered
8. Dinosaurs

B. Plants

1. Plant parts and Functions
2. Life Cycles
3. Needs

C. Nutrition

1. Dental Health
2. Body Parts
3. Germs