

5th Grade Science

A. Cells, What Living Things Are Made Of

1. Looking at Cells
 - History of the cell
 - Unicellular organisms
 - Multicellular organisms
 - Investigating pond and creek water
2. Cell Structure
 - Compare Plant and Animal cells
3. Cell Processes
 - Energy in Cells
 - Osmosis and diffusion of water through membrane

B. Structures of life

1. Tissues
 - Animal and Plant Tissue
2. Organs
 - Tissues working together
 - Plant and Animal Organs
3. Organ System
 - Organs working together
 - Plant and Animal Organs

C. Earth Atmosphere and Weather

1. Properties of Air
 - Sound
 - Air Pressure
 - Measuring
2. Earth's Atmosphere
 - Layers of Earth's Atmosphere
3. Sun and Weather
 - Effects of Weather
 - Sun's affect on Earth
4. Weather Forecasting
 - Cloud Types
 - Predicting

D. Earth's Changing Surface

1. How changes affect Earth's Surface

- Natural Resources
- Mountains, Volcanoes

2. Changes over Time

- Investigating mountain formation

E. Stars

- Life and Death of a Star
- Constellations