



1st Grade Science

Priority Standard #1: Seasons and Space Patterns

Students:

- a) obtain, evaluate, and communicate information about the movement of the Sun, Moon, and stars to describe predictable patterns
- b) obtain, evaluate, and communicate information about the patterns observed at different times of the year to relate the amount of daylight to the time of year
- c) design a device that measures the varying patterns of daylight

Priority Standard #2: The Needs of Living Things and Their Offspring

Students:

- a) plan and carry out an investigation to determine the effect of sunlight and water on plant growth
- b) construct an explanation by observing patterns of external features of living things that survive in different locations
- c) obtain, evaluate, and communicate information about the patterns of plants and nonhuman animals that are alike, but not exactly like, their parents
- d) construct an explanation of the patterns in the behaviors of parents and offspring which help offspring to survive

Priority Standard #3: Light and Sound

Students:

- a) plan and carry out an investigation to show the cause and effect relationship between sound and vibrating matter
- b) use a model to show the effect of light on objects
- c) plan and carry out an investigation to determine the effect of materials in the path of a beam of light
- d) design a device in which the structure of the device uses light or sound to solve the problem of communicating over a distance