

First Grade Science Objectives

Animals and Habitats I - *The student will be able to:*

- 1.1.1 describe how animals need food, water, and air to survive.
- 1.1.3 compare and contrast animals by their body coverings, diet and locomotion.
- 1.1.4 describe how offspring resemble their parents.

Animals and Habitats II - *The student will be able to:*

- 1.1.1 recognize and explain how animals live and survive in distinct habitats.
- 1.1.2 classify animals into major categories such as: amphibian, bird, fish, mammal or reptile.

Magnet - *The student will be able to:*

- 1.2.1 classify objects that are attracted or not attracted by magnets.
- 1.2.2 demonstrate that magnetic force can pass through certain materials.
- 1.2.3 compare magnets of different sizes, shapes and strengths.
- 1.2.4 recognize and demonstrate that magnets have two poles.
- 1.2.5 demonstrate that magnets attract and repel each other.
- 1.2.6 demonstrate that a magnet has a magnetic field.
- 1.2.7 demonstrate and describe how to make temporary magnets.

Soil - *The student will be able to:*

- 1.3.1 explore the properties of soil.
- 1.3.2 investigate how worms function in decomposition.
- 1.3.3 identify three basic components of soil (humus, sand and clay).
- 1.3.4 investigate how humus, sand and clay support plant life.
- 1.3.5 investigate how water affects humus, sand, and clay.
- 1.3.6 explain what is meant by erosion and how it effects earth.
- 1.3.7 investigate the properties of local soils. (optional)