

Human Body



Body Systems

- Identify how the five senses help people to survive.

Human Disease

- Identify things in the environment that could be harmful if swallowed (e.g., soaps, cleaning solutions, unknown pills).

Earth Science

Universe, Earth, Environment

Solar Systems

- Observe and record how the moon changes.

Stars

- Draw a picture of stars in the night sky.

Forces and Change on the Earth's Surface

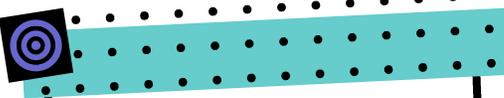
- Create categories of "things that change" and keep a record of them over the school year.

Atmosphere, Water Cycle, Weather, and Seasons

- Observe and record weather data through the seasons.

Natural Resources

- Identify where food comes from.



PARENT RESOURCE



Science Grade 1

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Grade 1 Science

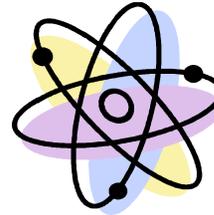
The goal of first grade science instruction is for all students to develop scientific proficiency. Throughout all units students will ask questions, make predictions, design and conduct experiments, and gather data to analyze and apply the results. The end result is the ability to think and reason through scientific inquiry and use the scientific process. The following outline provides an overview of what students should know and be able to do by the end of first grade.



Physical Science

Properties of Matter

- Identify, record, and compare characteristics of the properties of matter.
- Identify, describe, and compare the three states of matter of solids, liquids, and gas.



Physical Change

- Describe and report what makes matter change its state.
- Identify the change in properties when heat is applied to a solid or when heat leaves a liquid (e.g., water and ice).

Energy (heat)

- Predict, experiment, and observe how heat moving from one object to another can cause temperature changes.

Life Science

Life Cycle and Reproduction

- Draw and label the life cycle of a familiar plant.



Interdependence within

Ecosystems

- Experiment with plant growth under different conditions, including light and no light.