

Science: Kindergarten

Scientific Inquiry

- Asks questions about objects, organisms, and events
- Uses observations to make simple predictions
- Conducts simple explorations and investigations

History and Nature of Science

- Realizes that people have been doing science for a long time
- Expresses that science involves thinking, asking questions about the world, and trying to answer those questions
- Recognizes that in science people share ideas and findings
- Provides examples of how diverse people (children, fathers, mothers, teachers, weather reporters, etc.) participate in doing science

Science in Personal and Social Perspectives

- Describes basic resources that are found in their environments, such as soil, water, and trees, and other resources that are produced from these resources, such as building materials

Science and Technology

- Identifies a simple problem, proposes a solution for the problem, and then evaluates the solution in terms of its ability to solve the problem
- Recognizes that technological solutions are human designed
- Recognizes that things found in nature are different from those that are made by humans

Physical Science

- Builds awareness that objects can be described by their physical properties
- Recognizes that objects can move in a variety of ways
- Explores sources of light and heat within the environment

Life Science

- Identifies differences between living and nonliving things
- Describes ways in which animals resemble their parents
- Builds an awareness of the basic needs of living things

Earth and Space Sciences

- Recognizes and describes the variety of earth materials
- Investigates how weather can change from day to day
- Recognizes that the sun is the major source of light and warmth on earth
- Examines the celestial objects that can be seen at various times in the daytime sky and nighttime sky