

Science: Pre-Kindergarten

Scientific Inquiry

- Ask questions about objects, organisms, and events
- Uses observations to make simple predictions
- Conducts simple explorations
- Identifies a pattern or relationship based on observations
- Compares objects based on observable characteristics
- Sorts and categorizes objects based on observable characteristics
- Communicates about scientific explorations through discussions with peers and through drawing, dictation, and class or group documentation panels
- Learns to use safe practices while doing science

History and Nature of Science

- Realizes that many people do science
- Expresses that science involves asking questions about the natural world and investigating
- Recognizes that in science people share ideas and findings
- Identifies self as someone who does science

Science in Personal and Social Perspectives

- Describes how some basic resources found in their environment, such as water, trees, can be used for different purposes

Science and Technology

- Identifies and finds a solution for a simple problem
- Recognizes that things found in nature are different from those that are made by humans

Physical Science

- Explores, and describes physical properties of simple material and objects
- Explores how objects and materials move
- Explores and describes observable properties of light and sound

Life Science

- Observes and describes observable characteristics and behaviors of organisms in the local environment
- Observes and describes changes in self and other living things over time
- Describes how a variety of living things meet their needs in the local environment

Earth and Space Sciences

- Observes and describes observable properties of familiar earth materials
- Observes, describes, and records basic elements of local weather (temperature, cloud cover, wind, and precipitation)
- Observes and describes familiar objects in the sky