

KINDERGARTEN SCIENCE

DEMONSTRATES KNOWLEDGE OF CONTENT AND CONCEPTS

Observing with the Five Senses

- Explain that most animals have five senses they use to gather information about the world around them.
- Use their five senses in their exploration and play to gather information.

Plants and Animals

- Observe and communicate that animals (including humans) and plants need food, water, and air to survive. Animals get food from plants or other animals. Plants make their own food and need light to live and grow.
- Recognize that all plants and animals grow and change over time.
- Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.
- Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

Pushes and Pulls

- Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object.
- Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull.

Weather

- Use and share quantitative observations of local weather conditions to describe patterns over time.
- Obtain and use information about weather forecasting to prepare for, and respond to, different types of local weather.
- Make observations to determine that sunlight warms materials on Earth's surface.
- Use tools and materials to design and build a model of a structure that will reduce the warming effect of sunlight on an area.

KINDERGARTEN SCIENCE

DEMONSTRATES APPLICATION OF SKILLS AND PRACTICES

- Asking questions (science) and defining problems (engineering)
- Developing and using models
- Planning and carrying out investigations
- Analyzing and interpreting data
- Using mathematical and computational thinking
- Constructing explanations (science) and designing solutions (engineering)
- Engaging in argument from evidence
- Obtaining, evaluating and communicating information

KINDERGARTEN SOCIAL STUDIES

Living, Learning, and Working Together

DEMONSTRATES KNOWLEDGE OF LEARNING STANDARDS

- Identify and describe events or people celebrated during major holidays.
- Put events in their own and their families' lives in chronological order.
- Identify the student's address, state, country, school, and town.
- Describe the location and features of places in the neighborhood of home or school.
- Retell stories that illustrate honesty, courage, friendship, respect, responsibility, and the wise use of authority, and explain how the characters show these qualities.
- Identify family or community members who promote the welfare and safety of children and adults.
- Demonstrate understanding of important American symbols by identifying the American flag, the melody of the National Anthem, the picture and name of the current president, and the words to the Pledge of Allegiance.
- Give examples of different kinds of jobs that people do.
- Explain why people work (e.g., to earn money to buy the things they want).
- Give examples of the things that people buy with the money they earn.

KINDERGARTEN SOCIAL STUDIES
Living, Learning, and Working Together

DEMONSTRATES APPLICATION OF CONCEPTS AND SKILLS

History and Geography

- Identify sequential actions, such as first, next, last, in stories and use them to describe personal experiences.
- Use correctly words and phrases related to chronology and time (*now, long ago, before, after, morning, afternoon, night, today, tomorrow, yesterday, last or next week, month, year, and present, past, and future tenses of verbs*).
- Use correctly the word *because* in the context of stories or personal experiences.
- Use correctly words and phrases that indicate location and direction, such as *up, down, near, far, left, right, straight, back, behind, and in front of*.
- Tell or show what a map is and what a globe is.

Civics and Government

- Give examples that show the meaning of the following concepts: *authority, fairness, justice, responsibility, and rules*.

Economics

- Use words related to work, such as *jobs, money, buying, and selling*.
- Give examples of how family members, friends, or acquaintances use money directly or indirectly (e.g., credit card or check) to buy things they want.