PreFIRST SCIENCE

DEMONSTRATES KNOWLEDGE OF CONTENT AND CONCEPTS

Properties of Materials
- o Raise questions and investigate the differences between liquids and solids and develop awareness that a liquid can become a solid and vice versa.
- o Investigate natural and human-made objects to describe, compare, sort, and classify objects based on observable physical characteristics, uses, and whether something is manufactured or occurs in nature.
- o Differentiate between the properties of an object and those of the material of which it is made.
- o Recognize through investigation that physical objects and materials can change under different circumstances.

Reduce, Reuse, Recycle
- o Raise questions and engage in discussions about how different types of local environments (including water) provide homes for different kinds of living things.
- o Engage in discussion and raise questions using examples about local resources (including soil and water) humans use to meet their needs.
- o Observe and discuss the impact of people's activities on the local environment.
- o Construct an argument supported by evidence for how plants and animals (including humans) can change the environment.
- o Communicate solutions to reduce the amount of natural resources an individual uses.

Living Things and Habitats
- o Use evidence from animals and plants to define several characteristics of living things that distinguish them from non-living things.
- o Use evidence from the local environment to explain how familiar plants and animals meet their needs where they live.
- o Give examples from the local environment of how animals and plants are dependent on one another to meet their basic needs.
- o Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.

PreFIRST 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

PreFIRST SOCIAL STUDIES

DEMONSTRATES KNOWLEDGE OF LEARNING STANDARDS

- Identify and describe events or people celebrated during major holidays.
- Identify the student's address, state, country, school, and town.
- Recognize school and neighborhood as a community.
- Participates in discussions and activities related to location and direction.
- Retell stories that illustrate honesty, courage, friendship, respect, responsibility, and the wise use of authority, and explain how the characters show these qualities.
- 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.
- Explain why people work and make connections to family members that work.
- Give examples of the things that people buy with the money they earn.

PreFIRST SOCIAL STUDIES

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.