



Planet Partners

A Social Studies, Science, and Health Program for Grades 2-4

Activity 1: Farm or City, Life is Busy!

National Social Studies Standards Grades 2-4

Culture

Social studies programs should include experiences that provide for the study of culture and cultural diversity, so that the learner can:

- Explore and describe similarities and differences in the ways groups, societies, and cultures address similar human needs and concerns;
- Give examples of how experiences may be interpreted differently by people from diverse cultural perspectives and frames of reference;
- Compare ways in which people from different cultures think about and deal with their physical environment and social conditions.

People, Places, and Environments

Social studies programs should include experiences that provide for the study of people, places and environments, so that the learner can:

- Examine the interaction of human beings and their physical environment, the use of land, building of cities, and ecosystem changes in selected locales and regions.

Activity 2: Farm and City — Planet Partners Poster: Dairy Farmers are Planet Partners

National Science Education Standards Grades 2-4

Life Science

Organisms and environments

- All organisms cause changes in the environment where they live. Some of these changes are detrimental to the organism or other organisms, whereas others are beneficial.
- Humans depend on their natural and constructed environments. Humans change environments in ways that can be either beneficial or detrimental for themselves and other organisms.

Earth and Space Science

Properties of earth materials

- Soils have properties of color and texture, capacity to retain water, and ability to support the growth of many kinds of plants, including those in our food supply.

Science and Technology

Understanding about science and technology

- People have always had problems and invented tools and techniques (ways of doing something) to solve problems. Trying to determine the effects of solutions helps people avoid some new problems.

Science in Personal and Social Perspectives

Types of resources

- The supply of many resources is limited. If used, resources can be extended through recycling and decreased use.

Changes in environments

- Changes in environments can be natural or influenced by humans. Some changes are good, some are bad, and some are neither good nor bad. Pollution is a change in the environment that can influence the health, survival, or activities of organisms, including humans.

Science and technology in local challenges

- People continue inventing new ways of doing things, solving problems, and getting work done. New ideas and inventions often affect other people; sometimes the effects are good and sometimes they are bad. It is helpful to try to determine in advance how ideas and inventions will affect other people.

Next Generation Science Standards Grade 2

Engineering Design

K-2-ETS1-1: Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.

Grades 3-4

Engineering Design

3-5-ETS1-1: Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.

3-5-ETS1-2: Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.

Activity 3: A Bounty of Healthy Foods

National Science Education Standards Grades 2-4

Science in Personal and Social Perspectives

Personal health

- Nutrition is essential to health. Students should understand how the body uses food and how various foods contribute to health. Recommendations for good nutrition include eating a variety of foods, eating less sugar, and eating less fat.

National Health Education Standards Grades 2-4

Standard 1

- Students will comprehend concepts related to health promotion and disease prevention.

Standard 2

- Students will demonstrate the ability to access valid health information and health-promoting products and services.

Standard 3

- Students will demonstrate the ability to practice health-enhancing behaviors and reduce health risks.