

Agriculture...Where Does It Fit? – In every grade level

Kindergarten

- **Weather:** Observe the weather patterns that occur from season to season; communicate how the weather can affect individuals
- **Living Things:** Compare and contrast young plants and animals with their parents; compare the parts of different animals and plants; discuss how weather affects plants and animals
- **Culture:** Explain the elements of culture, including dress, food and shelter
- **Financial Literacy:** Recognize that people have basic needs and wants; describe the types of jobs people do and the tools and equipment they use
- **Health and Safety:** Recognize that food is fuel for the body; practice good nutrition and proper hand washing

First Grade

- **Financial Literacy:** Explain how goods and services meet people's needs; recognize that people need to make choices to meet their needs
- **Earth Science:** Observe, compare, describe, and sort components of soil by size, texture, and color; gather evidence about the uses of soil; compare and contrast seasonal weather changes
- **Seasons:** Identify characteristics of the seasons of the year; identify characteristics of weather; observe/record weather within each season
- **Life Science:** Communicate observations about plants and animals and how they resemble their parents; identify how natural earth materials help to sustain plant and animal life; describe and model life cycles of living things
- **Health and Safety:** Practice good nutrition and proper hand washing

Second Grade

- **Culture:** Explain ways people respect and pass on their traditions and customs; give examples of how families in the community borrow these from other cultures; compare and contrast elements of cultures within the state and nation
- **Financial Literacy:** Define and explain the difference between producing and consuming; recognize that people supply goods and services based on what people want and people make choices for what they want/need
- **Weather:** Observe, describe and measure seasonal weather patterns and local variations
- **Life Science:** Relate how external features affect an organism's ability to survive in its environment; determine how organisms meet basic needs.
- **Health and Safety:** Explain the importance of a balanced diet; relate behaviors that can prevent disease (e.g. hand washing, good nutrition)

Third Grade

- **Community:** Evaluate key factors that determine how a community develops
- **Geography:** Determine relationships between human settlement and geography; describe how various communities have modified the environment to accommodate their needs
- **Organisms:** Identify characteristics of living and nonliving things and observe the effects of changes (e.g., water, light, temperature)
- **Simple Machines:** Identify simple machines and their uses
- **Nutrition:** Determine a balanced diet based on MyPlate; name foods rich in key nutrients (e.g., proteins, fats, vitamins, minerals)

Fourth Grade

- **Utah History:** Explore cultural influences from various groups found in Utah today; identify key events and trends in Utah history and their significance; investigate the development of the economy in Utah
- **Geography:** Compare the development of industry and business in Utah as it relates to its physical geography; analyze how human actions modify the physical environment
- **Water Cycle:** Describe how the water cycle relates to our water supply
- **Weather:** Describe how weather and forecasts affect people's lives
- **Soil:** Investigate layers of soil in the local area; relate components of soil to plant growth; explain how plants help control erosion
- **Environment:** Describe the physical characteristics of Utah's wetlands, forests, and deserts; describe and observe common plants and animals found in Utah environments
- **Nutrition:** Plan balanced food intake; determine the functions of vitamins and minerals in our diets

Fifth Grade

- **U.S. History:** Examine the causes and consequences of important events in the United States expansion (Homestead Act); assess the divisions and the impact of physical geography between regions that contributed to the Civil War; describe the wide-ranging impact of the Industrial Revolution; assess how the free-market system in the U.S. serves as an engine of change and innovation; summarize the consequences of the Great Depression (e.g., migration, New Deal)
- **Heredity:** Show that traits are passed from a parent to its offspring (plants and animals)
- **Nutrition:** Relate how the Dietary Guidelines for Americans impact the health of individuals
- **Consumerism:** Identify natural resource protection needs; participate in service-learning that preserves natural resources

Sixth Grade

- **Ancient Cultures and Civilizations:** Analyze how the earliest civilizations created technologies and systems to meet community and personal needs
- **Middle Ages to 1900:** Understand how revolutions develop in multiple areas of human life; examine the outcomes of the Scientific and Industrial Revolutions
- **Geography:** Explain why physical geography affected the development of early civilizations
- **Global:** Explore current global issues facing the modern world and identify potential solutions (e.g., famine, hunger, poverty, environmental stewardship)
- **Microorganisms:** Identify how microorganisms are used in food safety and production
- **Nutrition:** Analyze food intake and compare to Dietary Guidelines for Americans; explain nutritional labeling
- **Consumerism:** Identify environmental protection needs; participate in service-learning that benefits the environment

