

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



Kindergarten

- **Seasons:** Investigate how weather, animals and people change according to the season
- **Animals:** Observe and describe characteristics, basic needs and homes of animals
- **Families and Community:** Describe cultural traditions; create and perform traditions from various cultures
- **Health and Safety:** Recognize that food is fuel for the body; practice good nutrition and proper hand washing

First Grade

- **Families and Community:** Identify changes in the school and neighborhood over time; describe and create/perform traditions from various cultures; identify continents on a globe
- **Plants:** Observe and describe plant growth, how people use plants, and conditions that affect plant growth
- **Water:** Describe how plants and people need, use and receive water
- **Health and Safety:** Practice good nutrition and proper hand washing

Second Grade

- **Families and Community:** Explain how families and communities change over time; describe and create/perform traditions from various cultures
- **Plants and Animals:** Observe relationships between plants and animals; describe the life cycles of local plants (e.g. role and structure of seeds) and animals
- **Weather:** Describe how weather affects people and animals
- **Health and Safety:** Explain the importance of balance in a diet; relate behaviors that can prevent disease (e.g. hand washing, good nutrition)

Third Grade

- **Community:** Describe changes in your community due to inventions (e.g. plow, refrigeration, railroad); describe early people of the local area
- **Culture:** Identify the elements of culture (e.g. language, food, clothing) and compare them to early indigenous peoples of the Americas
- **Economy:** Identify local natural resources; identify the relationship between producer and consumer and between supply and demand
- **Geography:** List natural resources of Utah and compare them with South America
- **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 MyPyramid for Kids; name foods rich in key nutrients (e.g. proteins, fats, vitamins, minerals)

Fourth Grade

- **Utah History:** Trace the development of Utah culture and the role of agriculture
- **Utah Economy:** Analyze the role of producer and consumer; explain the relationship between supply and demand
- **Geography:** Compare Utah's physical features with those of other states; identify the impact that geography has on agriculture and industry in Utah, China and Asia
- **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 diet

Fifth Grade

- **History:** Identify the impact of agriculture in the colonies; explain the factors that aided expansion of the U.S. (e.g. land acquisition, Homestead Act, cotton gin, transcontinental railroad, steamboat)
- **Agriculture:** Examine the impacts of the Civil War and early social movements (e.g. child labor, immigration) on U.S. agriculture
- **Geography:** Compare geography of Northern and Southern States and its influence on agriculture; investigate the effects of the Dust Bowl; compare physical features of North America, Canada and Mexico
- **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:** Explain how life changed from hunter/gatherer to agrarian society; compare cultures of Egypt, Greece and Rome
- **Middle Ages to 1900:** Describe life under the feudal system; determine the impact of the Industrial Revolution on Europe
- **Geography:** Analyze the importance of geographical features and climate in agriculture
- **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

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