

Agriculture...Where Does it Fit?

7th Grade

Cells: Discover the basic structural unit of all living things and analyze how cells work together to function as a system

Reproduction & Inheritance: Describe how inherited traits affect the structure and function of plants and animals

Utah's Geography: Examine the interrelationship between Utah's climate, location, landforms, and life; investigate the relationship between physical geography and Utah's settlement, land use, and economy

Agriculture in Utah: Identify the importance of farming and ranching to Utah's economy; explain the impact of the Great Depression on farmers and agriculture

Natural Resources: Explore how natural resources sustain and enhance people's lives; distinguish between renewable and nonrenewable; explain the importance of protecting and preserving Earth's natural resources

College & Career Awareness: Explore careers, education, and training related to plant and animal systems, natural resources, food and fiber, and STEM concepts

Health: Explain how the United States Department of Agriculture's Seven Dietary Guidelines and most recent MyPlate can enhance proper nutrition

8th Grade

Natural Resources: Discuss evidence about the effect of per capita consumption of natural resources on Earth's systems; emphasize that resources are limited and may be nonrenewable

Life Systems: Discover how living things use energy from their environment to sustain life

American Expansion: Identify significant advances in industrial technology and discoveries of vast natural resources during westward expansion

Industrial Revolution: Explain the economic and geographic impact of the early industrial revolution's new inventions such as the cotton gin

High School

Ecosystems: Explain how living organisms interact with one another and the environment; research food production in various parts of the world; evaluate the impact of personal choices in relation to the cycling of matter within an ecosystem; research and assess local and global practices that affect ecosystems

Earth's Resources: Identify the importance of natural and human resources; describe the roles of natural and human resources in daily life; compare and contrast the use of renewable and nonrenewable resources

Cells: Investigate the structure and function of cells and cell parts; experiment with microorganisms and/or plants to investigate growth and reproduction

DNA: Explain how DNA is essential to heredity; discuss genetic technologies that may improve quality of life (e.g., genetic engineering, cloning, or gene splicing)

U.S. History: Discuss the impact agriculture had on the history and culture of the United States

Great Depression: Explain the impact of the Great Depression on the United States

World War II: Explain the impact World War II had on the American home front

Economics: Explain key economic concepts and their implications for the production, exchange, distribution, and consumption of goods and services