

Social Science:

Economics

Goal 15: Understand economic systems; scarcity necessitates choices by producers.

Early Elementary: 15.C.1a. Describe how human, natural, and capital resources are used to produce foods and services.

Middle/Junior: 15.D.3b. Explain how workers can affect their productivity through training and by using tools, machinery, and technology.

Early High School: 15.C.4b. Explain the importance of research, development, invention, technology, and entrepreneurship of the U.S. Economy.

History

Goal 16A: Understand events, trends, individuals, and movements shaping the history of Illinois, the U. S., and other nations.

Early Elementary: 16.A.1b. Ask historical questions and seek out answers from historical sources.

16.A.1c: Describe how people in different times and places viewed the world in different ways.

Late Elementary: 16.A.2b. Ask questions and seek answers from historic documents, images, and other literary and nonliterary sources.

Goal 16B: Understand the development of economic systems.

Late Elementary: 16.B.2a. Describe how economic reasons led people to explore and settle the Americas.

Middle/Junior 16.A.3b. Make inferences about historical events and eras using historical maps and other historical sources.

Early High: 16.B.4b. Analyze the impact of westward expansion on the U.S. Economy.

16C: Understand the development of environmental history.

Early Elementary: 16.C.1. Describe how the local environment has changed over time.

Late Elementary: 16.C.2a. Identify environmental factors that drew the first explorers to the state and region.

Middle/Junior: 16.C.3b. Describe how the largely rural population of the U.S. adapted, used, and changed the environment.

Geography

Goal 17: Understand world geography and the effects of geography on society, with an emphasis on the U.S.

17.A: Locate, describe and explain places, regions, and features on the earth.

Early Elementary: 17.A.1a. Identify physical characteristics of places, both local and global.

Late Elementary: 17.A.2a. Compare the physical characteristics of places including soils, land forms, vegetation, wildlife, climate, and natural hazards.

17.B: Analyze and explain characteristics and interactions of the earth's physical systems.

17.B.2b: Explain how physical and living components of ecosystems including desert, prairie, flood plain, forest, and tundra.

1 7.C: Understand relationships between geographic factors and society.

Early Elementary: 17.C.1a. Identify ways people depend on and interact with the physical environment (farming).

Late Elementary: 17.C.2c. Explain how human activity affects the environment.

17.D: Understand the historical significance of geography.

Early Elementary: 17.D.1. Identify changes in geographic characteristics of a local region.

Late Elementary: 17.D.2a. Describe how physical characteristics of places influence people's perceptions and their roles in the world over time.

17.D.2b: Identify different settlement patterns in Illinois and the US and relate them to physical features and resources.

Middle/Junior: 17.D.3b. Explain how interactions of geographic factors have shaped present conditions.

Early High: 17.D.4. Explain how process of spatial change has affected human history (resource development and use, natural disasters).

Late High: 17.D.5. Analyze the historical development of a current issue involving the interaction of people and geographic factors (prairie restoration and preservation).

Social Systems

Goal 18: Understand social systems.

18.A. Compare characteristics of culture as reflected in language, literature, the arts, traditions, and institutions.

Late Elementary: 18.A.2. Explain ways in which language, stories, folk tales, music, media, and artistic creations serve as expressions of culture.

18.C. Understand how social systems form and develop over time.

Early Elementary: Describe how individuals interacted within groups to make choices regarding food, clothing, and shelter.

Late Elementary: 18.C.2. Describe how changes in production and population caused changes in social systems.

Middle/Junior: 18.C.3b. Explain how diverse groups have contributed to the U.S. social systems over time.

Science Concepts and Principles:

Goal 12: Understand the fundamental concepts, principles, and interconnections of the life, physical, and earth/space sciences.

12A: Know and apply concepts that explain how living things function, adapt, and change.

Early Elementary: 12.A.1a. Identify and describe the component parts of living things and their major functions.

12.A.1b. Categorize living organisms using a variety of observable features.

Late Elementary: 12.A.2a. Describe simple life cycles of plants and animals.

Middle/Junior: 12.A.3c. Compare and contrast how different forms and structures reflect different functions.

12B: Know and apply concepts that describe how living things interact with each other and the environment.

Late Elementary: 12.B.2b. Identify physical features of plants and animals that help them live in different environments

Middle/Junior: 12.B.3a. Identify and classify biotic and abiotic factors in an environment that affect population density, habitat.

Late High: 12.B.5a. Analyze and explain biodiversity issues and the cause

and effects of extinction.

12E: Know and apply concepts that describe the features and processes of the Earth and its resources.

Early Elementary: 12.D.1a. Identify components and describe diverse features of the Earth's land, water, and atmospheric systems.

12.E.1b. Identify and describe patterns of weather and seasonal change.

12.E.1c. Identify renewable and non-renewable resources.

Late Elementary: 12.E.2b. Describe and explain short-term and long-term interactions of the Earth's components.

Middle/Junior: 12.E.3a. Analyze and explain large scale dynamic forces, events, and processes that affect the Earth's land, water and atmospheric systems.

Early High: 12.E.4b. Describe how rock sequences and fossil remains are used to interpret the age and changes of the Earth.

Late High: 12.E.5. Analyze the processes involved in naturally occurring short-term and long-term Earth events

Goal 13: Understand the relationships among science, technology, and society in historical and contemporary contexts.

13.A: Know and apply the accepted practices of science.

Early Elementary: 13.A.1c. Explain how knowledge can be gained by careful observation.

Late Elementary: 13.A.2c. Explain why keeping accurate and detailed records is important.

13.B: Know and apply concepts that describe the interaction between science, technology, and society.

Late Elementary: 13.B.2e. Identify and explain ways that technology changes ecosystems.

Middle/Junior: 13.B.3b. Identify important contributions to science and technology that have been made by individuals from various cultures.

13.B.3c. Describe how occupations use scientific and technological knowledge and skills.

13.B.3e. Identify advantages and disadvantages of natural resource management programs.

Fine Arts:

Goal 25: Know the language of the arts.

Middle/Junior: 25.A.3d. Identify and describe the elements of value, perspective and color schemes, the principles of contrast, emphasis, and unity; and the expressive qualities of thematic development and sequence.

25.B.3. Compare and contrast the elements and principles of two or more art works that share similar themes.

Goal 26: Through creating and performing, understand how works of art are produced.

Early Elementary: 26.A.1e. Identify media and tools and how to use them.

Late Elementary: 26.A.2f. Understand the artistic processes of printmaking, photography.

Middle/Junior; 26.A.3e. Describe how the choices of tools/technologies and processes are used to create specific effects in the arts.

Early High: 26.A.4e. Analyze and evaluate how tools/technologies and processes combine to convey meaning.

26.B. Apply skills and knowledge necessary to create and perform in one or more of the arts.

Goal 27: Understand the role of the arts in civilizations, past and present.

27.A: Analyze how the arts function in history, society, and everyday life.

Early Elementary: 27.A.1a. Identify the distinctive roles of artists and audiences.

27.A.1b. Identify how the arts contribute to communication, celebrations, occupations, and recreation.

Late Elementary: 27.A.2a. Identify and describe the relationship between the arts and various environments.

Middle/Junior: 27.A.3a. Identify and describe careers and jobs in and among the arts and how they contribute to the world of work.

27.A.3b. Compare and contrast how the arts function in ceremony, technology, politics, etc.

Early High: 27.A.4b. Analyze how the arts are used to inform and persuade through traditional and contemporary art forms.

27.B. Understand how the arts shape and reflect history, society and everyday life.

Early Elementary: 27.B.1. Know how images convey stories about people, places, and times.

Late Elementary: 27.B.2. Identify and describe how the arts communicate the similarities and differences among various people, places, and times.

Middle/Junior: 27.B.3. Know and describe how artists and their works shape culture and increase understanding of societies past and present.

Early High: 27/B.4a. Analyze and classify the distinguishing characteristics of historical and contemporary art works by style, period, and culture.

Late High: 27.B.5. Analyze how the arts shape and reflect ideas, issues, or themes in a particular culture or historical period.