

Main Criteria: Alabama Courses of Study
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies **Grade:** 7
Correlation Options: Show Correlated

Alabama Courses of Study
Science
Grade: 7 - Adopted: 2015

STRAND / DOMAIN	AL.7.LS.	LIFE SCIENCE
OBJECTIVE / CATEGORY		Ecosystems: Interactions, Energy, and Dynamics

STANDARD	7.LS.7.	Use empirical evidence from patterns and data to demonstrate how changes to physical or biological components of an ecosystem (e.g., deforestation, succession, drought, fire, disease, human activities, invasive species) can lead to shifts in populations. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Alaska & Hawaii National Parks - Washington, Oregon, Idaho, Montana, Colorado
STANDARD	7.LS.8.	Construct an explanation to predict patterns of interactions in different ecosystems in terms of the relationships between and among organisms (e.g., competition, predation, mutualism, commensalism, parasitism). Virtual Field Trips African Safari Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Alaska & Hawaii
STANDARD	7.LS.9.	Engage in argument to defend the effectiveness of a design solution that maintains biodiversity and ecosystem services (e.g., using scientific, economic, and social considerations regarding purifying water, recycling nutrients, preventing soil erosion). Virtual Field Trips African Safari Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
STANDARD	7.LS.11.	Analyze and interpret data to predict how environmental conditions (e.g., weather, availability of nutrients, location) and genetic factors (e.g., selective breeding of cattle or crops) influence the growth of organisms (e.g., drought decreasing plant growth, adequate supply of nutrients for maintaining normal plant growth, identical plant seeds growing at different rates in different weather conditions, fish growing larger in large ponds than in small ponds). Virtual Field Trips Galapagos Islands

STRAND / DOMAIN	AL.7.G.	Geography
OBJECTIVE / CATEGORY	7.G.1.	Describe the world in spatial terms using maps and other geographic representations, tools, and technologies.

STANDARD 7.G.1.1. Explaining the use of map essentials, including type, projections, scale, legend, distance, direction, grid, and symbols.

Virtual Field Trips Canada:

Coast to Coast Canada: Our

Northern Neighbor

STANDARD 7.G.1.5. Categorizing the geographic organization of people, places, and environments using spatial models.

Virtual Field Trips Canada:

Coast to Coast Canada: Our

Northern Neighbor

STRAND / DOMAIN	AL.7.G.	Geography
OBJECTIVE / CATEGORY	7.G.2.	Determine how regions are used to describe the organization of Earth's surface.

STANDARD 7.G.2.1. Identifying physical and human features used as criteria for mapping formal, functional, and perceptual regions.

Virtual Field Trips Canada:

Coast to Coast Canada: Our

Northern Neighbor

STANDARD 7.G.2.2. Interpreting processes and reasons for regional change, including land use, urban growth, population, natural disasters, and trade.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

Ancient China - Qin & Han Dynasties

Exploring Cuba

STANDARD 7.G.2.3. Analyzing interactions among regions to show transnational relationships, including the flow of commodities and Internet connectivity.

Virtual Field Trips

Exploring Cuba

STANDARD 7.G.2.4. Comparing how culture and experience influence individual perceptions of places and regions.

Virtual Field Trips

Ancient China - Qin & Han Dynasties

Canada: Coast to Coast

Canada: Our Northern Neighbor

STRAND / DOMAIN	AL.7.G.	Geography
OBJECTIVE / CATEGORY	7.G.3.	Compare geographic patterns in the environment that result from processes within the atmosphere, biosphere, lithosphere, and hydrosphere of Earth's physical systems.

STANDARD	7.G.3.1.	Comparing Earth-Sun relationships regarding seasons, fall hurricanes, monsoon rainfalls, and tornadoes. Virtual Field Trips Exploring Cuba
STANDARD	7.G.3.3.	Describing characteristics and physical processes that influence the spatial distribution of ecosystems and biomes on Earth's surface. Virtual Field Trips African Safari Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah

STANDARD	7.G.3.4.	Comparing how ecosystems vary from place to place and over time. Virtual Field Trips African Safari Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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STRAND / DOMAIN	AL.7.G.	Geography
OBJECTIVE / CATEGORY	7.G.4.	Evaluate spatial patterns and the demographic structure of population on Earth's surface in terms of density, dispersion, growth and mortality rates, natural increase, and doubling time.

STANDARD	7.G.4.1.	Predicting reasons and consequences of migration, including push and pull factors. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8
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OBJECTIVE / CATEGORY	7.G.5.	Explain how cultural features, traits, and diffusion help define regions, including religious structures, agricultural patterns, ethnic enclaves, ethnic restaurants, and the spread of Islam. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties
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STRAND / DOMAIN	AL.7.G.	Geography
OBJECTIVE / CATEGORY	7.G.7.	Classify spatial patterns of settlement in different regions of the world, including types and sizes of settlement patterns.

STANDARD	7.G.7.1.	Explaining human activities that resulted in the development of settlements at particular locations due to trade, political importance, or natural resources. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor
STANDARD	7.G.7.2.	Describing settlement patterns in association with the location of resources. Virtual Field Trips Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor
STANDARD	7.G.7.3.	Describing ways in which urban areas interact and influence surrounding regions. Virtual Field Trips Barcelona London - City of Pomp & Majesty Paris - City of Light - Grades 6 - 12 Tokyo - City of Contrasts
STRAND / DOMAIN	AL.7.G.	Geography
OBJECTIVE / CATEGORY	7.G.9.	Explain how human actions modify the physical environment within and between places, including how human-induced changes affect the environment. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8
STRAND / DOMAIN	AL.7.G.	Geography
OBJECTIVE / CATEGORY	7.G.10.	Explain how human systems develop in response to physical environmental conditions.
STANDARD	7.G.10.1.	Identifying types, locations, and characteristics of natural hazards, including earthquakes, hurricanes, tornadoes, and mudslides. Virtual Field Trips Exploring Cuba National Parks - Alaska & Hawaii
STANDARD	7.G.10.2.	Differentiating ways people prepare for and respond to natural hazards, including building storm shelters, conducting fire and tornado drills, and establishing building codes for construction. Virtual Field Trips Exploring Cuba
STRAND / DOMAIN	AL.7.G.	Geography

OBJECTIVE / CATEGORY	7.G.11.	Explain the cultural concept of natural resources and changes in spatial distribution, quantity, and quality through time and by location.
STANDARD	7.G.11.1.	Evaluating various cultural viewpoints regarding the use or value of natural resources. <u>Virtual Field Trips</u> Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor
OBJECTIVE / CATEGORY	7.G.12.	Explain ways geographic features and environmental issues have influenced historical events. <u>Virtual Field Trips</u> Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties
STRAND / DOMAIN	AL.7.C.	Civics
OBJECTIVE / CATEGORY	7.C.1.	Compare influences of ancient Greece, the Roman Republic, the Judeo-Christian tradition, the Magna Carta, federalism, the Mayflower Compact, the English Bill of Rights, the House of Burgesses, and the Petition of Rights on the government of the United States. <u>Virtual Field Trips</u> Ancient Greece
STRAND / DOMAIN	AL.7.C.	Civics
OBJECTIVE / CATEGORY	7.C.5.	Compare duties and functions of members of the legislative, executive, and judicial branches of Alabama's local and state governments and of the national government.
STANDARD	7.C.5.3.	Explaining concepts of separation of powers and checks and balances among the three branches of state and national governments. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
STRAND / DOMAIN	AL.RH.6-8.	Reading Standards for Literacy in History/Social Studies
OBJECTIVE / CATEGORY		Craft and Structure
STANDARD	RH.6-8.4.	Determine the meaning of words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies. <u>Virtual Field Trips</u> Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor
STRAND / DOMAIN	AL.RH.6-8.	Reading Standards for Literacy in History/Social Studies
OBJECTIVE / CATEGORY		Integration of Knowledge and Ideas

STANDARD	RH.6-8.7. Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.
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Virtual Field Trips

African Safari

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Ancient China - Qin & Han Dynasties

Ancient China - Shang & Zhou Dynasties

Ancient Egypt - Land of the Pharaohs

Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

Barcelona

Canada: Coast to Coast

Canada: Our Northern Neighbor

Exploring Cuba

Galapagos Islands

Jerusalem - Then and Now (Older Grades)

London - City of Pomp & Majesty

National Parks - Alaska & Hawaii

National Parks - Nevada, California

National Parks - Washington, Oregon, Idaho, Montana, Colorado

National Parks - Wyoming, Utah

Paris - City of Light - Grades 6 - 12

Rome - The Eternal City

Tokyo - City of Contrasts

Washington, DC - Grades 6 - 12