

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

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

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

STANDARD K.LS.4. Gather evidence to support how plants and animals provide for their needs by altering their environment (e.g., tree roots breaking a sidewalk to provide space, red fox burrowing to create a den to raise young, humans growing gardens for food and building roads for transportation).

Virtual Field Trips

Grade 1 - Life Long Ago

Grade 1 - The Earth Around Us

STANDARD K.LS.6. Identify and plan possible solutions (e.g., reducing, reusing, recycling) to lessen the human impact on the local environment.

Virtual Field Trips

Grade 1 - The Earth Around Us

STRAND / DOMAIN	AL.K.ESS	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth's Systems

STANDARD K.ESS.9. Observe, record, and share findings of local weather patterns over a period of time (e.g., increase in daily temperature from morning to afternoon, typical rain and storm patterns from season to season).

Virtual Field Trips

Grade 1 - The Earth Around Us

Alabama Courses of Study
Social Studies
Grade: K - Adopted: 2013

STRAND / DOMAIN	AL.K.	Living and Working Together in Family and Community
OBJECTIVE / CATEGORY	K.1.	Sequence events using schedules, calendars, and timelines.

STANDARD K.1.1. Differentiating among broad categories of historical time.

Virtual Field Trips

Grade 1 - The Earth Around Us

STRAND / DOMAIN	AL.K.	Living and Working Together in Family and Community
OBJECTIVE / CATEGORY	K.4.	Differentiate between needs and wants of family, school, and community.

STANDARD	K.4.1.	Comparing wants among different families, schools, and communities. <u>Virtual Field Trips</u> Grade 1 - All About Work
OBJECTIVE / CATEGORY	K.5.	Differentiate between goods and services. <u>Virtual Field Trips</u> Grade 1 - All About Work
OBJECTIVE / CATEGORY	K.6.	Compare cultural similarities and differences in individuals, families, and communities. <u>Virtual Field Trips</u> Grade 1 - Families and Neighbors
OBJECTIVE / CATEGORY	K.9.	Differentiate between land forms and bodies of water on maps and globes. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Paris - City of Light - Grades K - 5
OBJECTIVE / CATEGORY	K.11.	Identify symbols, customs, famous individuals, and celebrations representative of our state and nation. <u>Virtual Field Trips</u> Grade 1 - Families and Neighbors Grade 1 - Let's Learn About the Government Grade 1 - Life Long Ago Washington, DC - Grades K - 5
OBJECTIVE / CATEGORY	K.12.	Describe families and communities of the past, including jobs, education, transportation, communication, and recreation. <u>Virtual Field Trips</u> Grade 1 - Life Long Ago Grade 1 - The Earth Around Us

Main Criteria: Alabama Courses of Study
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies **Grade:** 1
Correlation Options: Show Correlated

Alabama Courses of Study
Science
Grade: 1 - Adopted: 2015

STRAND / DOMAIN	AL.1.LS.	LIFE SCIENCE
OBJECTIVE / CATEGORY		From Molecules to Organisms: Structures and Processes

STANDARD 1.LS.5. Design a solution to a human problem by using materials to imitate how plants and/or animals use their external parts to help them survive, grow, and meet their needs (e.g., outerwear imitating animal furs for insulation, gear mimicking tree bark or shells for protection).

Virtual Field Trips

Grade 2 - Land and Water Around Us

STRAND / DOMAIN	AL.1.ESS.	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth's Place in the Universe

STANDARD 1.ESS.9. Observe seasonal patterns of sunrise and sunset to describe the relationship between the number of hours of daylight and the time of year (e.g., more hours of daylight during summer as compared to winter).

Virtual Field Trips

Grade 1 - The Earth Around Us

Grade 2 - Land and Water Around Us

Alabama Courses of Study
Social Studies
Grade: 1 - Adopted: 2013

STRAND / DOMAIN	AL.1.	Living and Working Together in Community and State
OBJECTIVE / CATEGORY	1.2.	Identify rights and responsibilities of citizens within the local community and state.

STANDARD 1.1.1. Describing how rules in the community and laws in the state protect citizens' rights and property.

Virtual Field Trips

Grade 1 - Let's Learn About the Government

Grade 2 - Living Together

Grade 2 - Our Government At Work

STANDARD 1.1.2. Describing ways, including paying taxes, responsible citizens contribute to the common good of the community and state.

Virtual Field Trips

Grade 1 - Let's Learn About the Government

Grade 2 - Our Government At Work

STANDARD	1.1.3.	Demonstrating voting as a way of making choices and decisions. Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work
STRAND / DOMAIN	AL.1.	Living and Working Together in Community and State
OBJECTIVE / CATEGORY	1.4.	Identify contributions of diverse significant figures that influenced the local community and state in the past and present. Virtual Field Trips Grade 1 - The Earth Around Us
STRAND / DOMAIN	AL.1.	Living and Working Together in Community and State
OBJECTIVE / CATEGORY	1.8.	Identify land masses, bodies of water, and other physical features on maps and globes.
STANDARD	1.8.3.	Using vocabulary associated with geographical features, including river, lake, ocean, and mountain. Virtual Field Trips Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us Paris - City of Light - Grades K - 5
STRAND / DOMAIN	AL.1.	Living and Working Together in Community and State
OBJECTIVE / CATEGORY	1.9.	Differentiate between natural resources and human-made products.
STANDARD	1.9.1.	Listing ways to protect our natural resources. Virtual Field Trips Grade 2 - Land and Water Around Us
STRAND / DOMAIN	AL.1.	Living and Working Together in Community and State
OBJECTIVE / CATEGORY	1.10.	Describe the role of money in everyday life.
STANDARD	1.10.1.	Categorizing purchases families make as needs or wants. Virtual Field Trips Grade 1 - All About Work Grade 2 - Work and Money
STANDARD	1.10.2.	Explaining the concepts of saving and borrowing. Virtual Field Trips Grade 1 - All About Work Grade 2 - Work and Money

STANDARD	1.10.3.	Identifying differences between buyers and sellers
		<u>Virtual Field Trips</u>
		Grade 2 - Work and Money
STANDARD	1.10.5.	Using vocabulary associated with the function of money, including barter, trade, spend, and save.
		<u>Virtual Field Trips</u>
		Grade 1 - All About Work
		Grade 2 - Work and Money

Main Criteria: Alabama Courses of Study
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies **Grade:** 2
Correlation Options: Show Correlated

Alabama Courses of Study
Science
Grade: 2 - Adopted: 2015

STRAND / DOMAIN	AL.2.LS.	LIFE SCIENCE
OBJECTIVE / CATEGORY		Ecosystems: Interactions, Energy, and Dynamics

STANDARD 2.LS.5. Plan and carry out an investigation, using one variable at a time (e.g., water, light, soil, air), to determine the growth needs of plants.

Virtual Field Trips

Grade 2 - Land and Water Around Us

STANDARD 2.LS.7. Obtain information from literature and other media to illustrate that there are many different kinds of living things and that they exist in different places on land and in water (e.g., woodland, tundra, desert, rainforest, ocean, river).

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

Grade 3 - Geography of Our Communities

How Coral Reefs Are Formed

The Sahara Desert

Who Lives On a Coral Reef?

STRAND / DOMAIN	AL.2.ESS.	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth's Systems

STANDARD 2.ESS.8. Make observations from media to obtain information about Earth's events that happen over a short period of time (e.g., tornados, volcanic explosions, earthquakes) or over a time period longer than one can observe (e.g., erosion of rocks, melting of glaciers).

Virtual Field Trips

Grade 2 - Land and Water Around Us

Grade 3 - Geography of Our Communities

STANDARD 2.ESS.9. Create models to identify physical features of Earth (e.g., mountains, valleys, plains, deserts, lakes, rivers, oceans).

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Grade 1 - The Earth Around Us

Grade 2 - Land and Water Around Us

Grade 3 - Geography of Our Communities

How Coral Reefs Are Formed

The Sahara Desert

Who Lives On a Coral Reef?

STANDARD	2.ESS.10	Collect and evaluate data to identify water found on Earth and determine whether it is a solid or a liquid (e.g., glaciers as solid forms of water; oceans, lakes, rivers, streams as liquid forms of water).
		<u>Virtual Field Trips</u> Amazon Rainforest - Grades 2-5 Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities

STRAND / DOMAIN	AL.2.ESS.	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth and Human Activity

STANDARD	2.ESS.11.	Examine and test solutions that address changes caused by Earth's events (e.g., dams for minimizing flooding, plants for controlling erosion).
		<u>Virtual Field Trips</u> Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities

Alabama Courses of Study
Social Studies
Grade: 2 - Adopted: 2013

STRAND / DOMAIN	AL.2.	Living and Working Together in State and Nation
OBJECTIVE / CATEGORY	2.1.	Relate principles of American democracy to the founding of the nation.

STANDARD	2.1.1.	Identifying reasons for the settlement of the thirteen colonies.
		<u>Virtual Field Trips</u> Grade 3 - The First Americans

STANDARD	2.1.2.	Recognizing basic principles of the Declaration of Independence, the Constitution of the United States, the establishment of the three branches of government, and the Emancipation Proclamation.
		<u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Early Americans Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Grade 3 - The First Americans Washington, DC - Grades K - 5

STANDARD	2.1.3.	Demonstrating the voting process, including roles of major political parties.
		<u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work

STRAND / DOMAIN	AL.2.	Living and Working Together in State and Nation
OBJECTIVE / CATEGORY	2.2.	Identify national historical figures and celebrations that exemplify fundamental democratic values, including equality, justice, and responsibility for the common good.

STANDARD	2.2.1.	Recognizing our country's founding fathers, including George Washington, Thomas Jefferson, Benjamin Franklin, Patrick Henry, John Adams, John Hancock, and James Madison. Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 1 - Life Long Ago Grade 2 - Early Americans Grade 3 - How The Country Was Settled
STANDARD	2.2.3.	Describing the significance of national holidays, including the birthday of Martin Luther King, Jr.; Presidents' Day; Memorial Day; the Fourth of July; Veterans Day; and Thanksgiving Day. Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 1 - Life Long Ago Grade 2 - Early Americans
STANDARD	2.2.4.	Describing the history of American symbols and monuments. Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 1 - Life Long Ago Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5
STRAND / DOMAIN	AL.2.	Living and Working Together in State and Nation
OBJECTIVE / CATEGORY	2.6.	Identify states, continents, oceans, and the equator using maps, globes, and technology.
STANDARD	2.6.1.	Identifying map elements, including title, legend, compass rose, and scale. Virtual Field Trips Grade 2 - Land and Water Around Us The Sahara Desert
STANDARD	2.6.4.	Locating points on a grid. Virtual Field Trips Grade 3 - Geography of Our Communities
STRAND / DOMAIN	AL.2.	Living and Working Together in State and Nation
OBJECTIVE / CATEGORY	2.7.	Explain production and distribution processes.
STANDARD	2.7.1.	Identifying examples of imported and exported goods. Virtual Field Trips Grade 3 - Businesses At Work
STANDARD	2.7.2.	Describing the impact of consumer choices and decisions on supply and demand. Virtual Field Trips Grade 3 - Businesses At Work

OBJECTIVE / CATEGORY	2.8.	Describe how scarcity affects supply and demand of natural resources and human-made products. Virtual Field Trips Grade 2 - Work and Money Grade 3 - Businesses At Work
STRAND / DOMAIN	AL.2.	Living and Working Together in State and Nation
OBJECTIVE / CATEGORY	2.9.	Describe how and why people from various cultures immigrate to the United States.
STANDARD	2.9.1.	Describing the importance of cultural unity and diversity within and across groups. Virtual Field Trips Grade 3 - A Country of Cultures
STRAND / DOMAIN	AL.2.	Living and Working Together in State and Nation
OBJECTIVE / CATEGORY	2.10.	Identify ways people throughout the country are affected by their human and physical environments.
STANDARD	2.10.1.	Comparing physical features of regions throughout the United States. Virtual Field Trips Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities Washington, DC - Grades K - 5
OBJECTIVE / CATEGORY	2.11.	Interpret legends, stories, and songs that contributed to the development of the cultural history of the United States. Virtual Field Trips Grade 3 - How Government Helps Our Communities

Main Criteria: Alabama Courses of Study
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies **Grade:** 3
Correlation Options: Show Correlated

Alabama Courses of Study
Science
Grade: 3 - Adopted: 2015

STRAND / DOMAIN	AL.3.LS.	LIFE SCIENCE
OBJECTIVE / CATEGORY		From Molecules to Organisms: Structures and Processes

STANDARD 3.LS.6. Create representations to explain the unique and diverse life cycles of organisms other than humans (e.g., flowering plants, frogs, butterflies), including commonalities such as birth, growth, reproduction, and death.

Virtual Field Trips

Galapagos Islands

Grade 4 - West Region Geography

How Coral Reefs Are Formed

STRAND / DOMAIN	AL.3.LS.	LIFE SCIENCE
OBJECTIVE / CATEGORY		Unity and Diversity

STANDARD 3.LS.10. Investigate how variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing (e.g., plants having larger thorns being less likely to be eaten by predators, animals having better camouflage coloration being more likely to survive and bear offspring).

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

Galapagos Islands

Grade 2 - Land and Water Around Us

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Geography

How Coral Reefs Are Formed

The Sahara Desert

Who Lives On a Coral Reef?

STRAND / DOMAIN	AL.3.LS.	LIFE SCIENCE
OBJECTIVE / CATEGORY		Unity and Diversity
STANDARD	3.LS.11.	Construct an argument from evidence to explain the likelihood of an organism's ability to survive when compared to the resources in a certain habitat (e.g., freshwater organisms survive well, less well, or not at all in saltwater; desert organisms survive well, less well, or not at all in woodlands).

RELATED 3.LS.11.a. Construct explanations that forming groups helps some organisms survive.

CONTENT /
EXPECTATION

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

How Coral Reefs Are Formed

The Sahara Desert

Who Lives On a Coral Reef?

RELATED CONTENT / EXPECTATION	3.LS.11.b	Create models that illustrate how organisms and their habitats make up a system in which the parts depend on each other. Virtual Field Trips African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Galapagos Islands Grade 3 - Geography of Our Communities How Coral Reefs Are Formed Who Lives On a Coral Reef?
RELATED CONTENT / EXPECTATION	3.LS.11.c.	Categorize resources in various habitats as basic materials (e.g., sunlight, air, freshwater, soil), produced materials (e.g., food, fuel, shelter), or as nonmaterial (e.g., safety, instinct, nature-learned behaviors). Virtual Field Trips Amazon Rainforest - Grades 2-5
STRAND / DOMAIN	AL.3.LS.	LIFE SCIENCE
OBJECTIVE / CATEGORY		Unity and Diversity
STANDARD	3.LS.12.	Evaluate engineered solutions to a problem created by environmental changes and any resulting impacts on the types and density of plant and animal populations living in the environment (e.g., replanting of sea oats in coastal areas due to destruction by hurricanes, creating property development restrictions in vacation areas to reduce displacement and loss of native animal populations). Virtual Field Trips Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities
STRAND / DOMAIN	AL.3.ESS.	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth's Systems
STANDARD	3.ESS.13.	Display data graphically and in tables to describe typical weather conditions expected during a particular season (e.g., average temperature, precipitation, wind direction). Virtual Field Trips African Safari Grade 2 - Land and Water Around Us Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - West Region Geography
STANDARD	3.ESS.14	Collect information from a variety of sources to describe climates in different regions of the world. Virtual Field Trips Amazon Rainforest - Grades 2-5 Grade 2 - Land and Water Around Us Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography The Sahara Desert
STRAND / DOMAIN	AL.3.ESS.	EARTH AND SPACE SCIENCE

OBJECTIVE / CATEGORY		Earth and Human Activity
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STANDARD 3.ESS.15 Evaluate a design solution (e.g., flood barriers, wind resistant roofs, lightning rods) that reduces the impact of a weather-related hazard.

Virtual Field Trips

Grade 3 - Geography of Our Communities

Alabama Courses of Study

Social Studies

Grade: 3 - Adopted: 2013

STRAND / DOMAIN	AL.3.	Geographical and Historical Studies: People, Places, and Regions
OBJECTIVE / CATEGORY	3.1.	Locate the prime meridian, equator, Tropic of Capricorn, Tropic of Cancer, International Date Line, and lines of latitude and longitude on maps and globes.

STANDARD 3.1.2. Using coordinates to locate points on a grid.

Virtual Field Trips

Grade 3 - Geography of Our Communities

STANDARD 3.1.4. Locating physical and cultural regions using labels, symbols, and legends on an Alabama or world map.

Virtual Field Trips

Grade 2 - Land and Water Around Us

Grade 4 - Northeast

The Sahara Desert

STANDARD 3.1.7. Using vocabulary associated with maps and globes, including megalopolis, landlocked, border, and elevation.

Virtual Field Trips

Grade 2 - Land and Water Around Us

Grade 4 - Northeast

The Sahara Desert

STRAND / DOMAIN	AL.3.	Geographical and Historical Studies: People, Places, and Regions
OBJECTIVE / CATEGORY	3.2.	Locate the continents on a map or globe.

STANDARD 3.2.1. Using vocabulary associated with geographical features of Earth, including hill, plateau, valley, peninsula, island, isthmus, ice cap, and glacier.

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

Exploring Cuba

Grade 2 - Land and Water Around Us

Grade 3 - Geography of Our Communities

Grade 4 - Midwest Region Early Beginnings

Grade 4 - Midwest Region Today

Grade 4 - Southeast Region of the U.S.

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

Grade 4 - West Region Landforms

Grade 4 - West Region Today

Paris - City of Light - Grades K - 5

The Sahara Desert

STANDARD	3.2.2.	Locating major mountain ranges, oceans, rivers, and lakes throughout the world.
		Virtual Field Trips Exploring Cuba Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Early Beginnings Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography Grade 4 - West Region Landforms Paris - City of Light - Grades K - 5 The Sahara Desert
STRAND / DOMAIN	AL.3.	Geographical and Historical Studies: People, Places, and Regions
OBJECTIVE / CATEGORY	3.3.	Describe ways the environment is affected by humans in Alabama and the world.
STANDARD	3.3.1.	Using vocabulary associated with human influence on the environment, including irrigation, aeration, urbanization, reforestation, erosion, and migration.
		Virtual Field Trips Amazon Rainforest - Grades 2-5 Grade 4 - Northeast
STRAND / DOMAIN	AL.3.	Geographical and Historical Studies: People, Places, and Regions
OBJECTIVE / CATEGORY	3.4.	Relate population dispersion to geographic, economic, and historic changes in Alabama and the world.
STANDARD	3.4.1.	Identifying human and physical criteria used to define regions and boundaries.
		Virtual Field Trips African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Exploring Cuba Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Early Beginnings Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - Southeast Region of the U.S. Grade 4 - Southwest Region Early Beginnings Grade 4 - Southwest Region Today Grade 4 - West Region Early Beginnings Grade 4 - West Region Geography Grade 4 - West Region Landforms Grade 4 - West Region Today Paris - City of Light - Grades K - 5 The Sahara Desert
STRAND / DOMAIN	AL.3.	Geographical and Historical Studies: People, Places, and Regions
OBJECTIVE / CATEGORY	3.5.	Compare trading patterns between countries and regions.

STANDARD	3.5.1.	Differentiating between producers and consumers. Virtual Field Trips Grade 2 - Work and Money Grade 3 - Businesses At Work Grade 3 - I Am a Consumer
STANDARD	3.5.2.	Differentiating between imports and exports. Virtual Field Trips Grade 3 - Businesses At Work
STRAND / DOMAIN	AL.3.	Geographical and Historical Studies: People, Places, and Regions
OBJECTIVE / CATEGORY	3.7.	Describe the relationship between locations of resources and patterns of population distribution.
STANDARD	3.7.3.	Explaining the geographic impact of using petroleum, coal, nuclear power, and solar power as major energy sources in the twenty-first century. Virtual Field Trips Grade 4 - Northeast Grade 4 - Southwest Region Today Grade 4 - West Region Geography Grade 4 - West Region Today
STRAND / DOMAIN	AL.3.	Geographical and Historical Studies: People, Places, and Regions
OBJECTIVE / CATEGORY	3.8.	Identify geographic links of land regions, river systems, and interstate highways between Alabama and other states.
STANDARD	3.8.2.	Locating state and national parks on a map or globe. Virtual Field Trips Grade 4 - Midwest Region Today Grade 4 - Southwest Region Early Beginnings Grade 4 - Southwest Region Today
OBJECTIVE / CATEGORY	3.9.	Identify ways to prepare for natural disasters. Virtual Field Trips Exploring Cuba Grade 2 - Land and Water Around Us Grade 4 - Midwest Region Early Beginnings Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography
STRAND / DOMAIN	AL.3.	Geographical and Historical Studies: People, Places, and Regions
OBJECTIVE / CATEGORY	3.10.	Recognize functions of the Declaration of Independence and the Constitution of the United States.
STANDARD	3.10.2.	Explaining the relationship between the federal government and state governments, including the three branches of government. Virtual Field Trips Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5

STRAND / DOMAIN	AL.3.	Geographical and Historical Studies: People, Places, and Regions
OBJECTIVE / CATEGORY	3.12.	Explain the significance of representations of American values and beliefs, including the Statue of Liberty, the statue of Lady Justice, the United States flag, and the national anthem.
		<u>Virtual Field Trips</u> Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities

STRAND / DOMAIN	AL.3.	Geographical and Historical Studies: People, Places, and Regions
OBJECTIVE / CATEGORY	3.13.	Describe prehistoric and historic American Indian cultures, governments, and economics in Alabama.
STANDARD	3.13.1.	Identifying roles of archaeologists and paleontologists.
		<u>Virtual Field Trips</u> Grade 3 - The First Americans

Main Criteria: Alabama Courses of Study
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies **Grade:** 4
Correlation Options: Show Correlated

Alabama Courses of Study
Science
Grade: 4 - Adopted: 2015

STRAND / DOMAIN	AL.4.PS.	PHYSICAL SCIENCE
OBJECTIVE / CATEGORY		Energy

STANDARD 4.PS.5. Compile information to describe how the use of energy derived from natural renewable and nonrenewable resources affects the environment (e.g., constructing dams to harness energy from water, a renewable resource, while causing a loss of animal habitats; burning of fossil fuels, a nonrenewable resource, while causing an increase in air pollution; installing solar panels to harness energy from the sun, a renewable resource, while requiring specialized materials that necessitate mining).

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 2-5

Grade 3 - Geography of Our Communities

Grade 4 - Southwest Region Today

STRAND / DOMAIN	AL.4.PS.	PHYSICAL SCIENCE
OBJECTIVE / CATEGORY		Waves and Their Applications in Technologies for Information Transfer

STANDARD 4.PS.7. Develop and use models to show multiple solutions in which patterns are used to transfer information (e.g., using a grid of 1s and 0s representing black and white to send information about a picture, using drums to send coded information through sound waves, using Morse code to send a message).

Virtual Field Trips

Grade 3 - Geography of Our Communities

STRAND / DOMAIN	AL.4.LS.	LIFE SCIENCE
OBJECTIVE / CATEGORY		From Molecules to Organisms: Structures and Processes

STANDARD 4.LS.9. Examine evidence to support an argument that the internal and external structures of plants (e.g., thorns, leaves, stems, roots, colored petals, xylem, phloem) and animals (e.g., heart, stomach, lung, brain, skin) function to support survival, growth, behavior, and reproduction.

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Canada: Coast to Coast

Galapagos Islands

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Geography

How Coral Reefs Are Formed

The Sahara Desert

Who Lives On a Coral Reef?

STANDARD	4.LS.11.	Investigate different ways animals receive information through the senses, process that information, and respond to it in different ways (e.g., skunks lifting tails and spraying an odor when threatened, dogs moving ears when reacting to sound, snakes coiling or striking when sensing vibrations).
		Virtual Field Trips Grade 4 - West Region Geography Who Lives On a Coral Reef?

STRAND / DOMAIN	AL.4.ESS	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth's Systems

STANDARD	4.ESS.14	Explore information to support the claim that landforms are the result of a combination of constructive forces, including crustal deformation, volcanic eruptions, and sediment deposition as well as a result of destructive forces, including erosion and weathering.
		Virtual Field Trips Galapagos Islands Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Today Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Landforms National Parks - Alaska & Hawaii National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah

STANDARD	4.ESS.15	Analyze and interpret data (e.g., angle of slope in downhill movement of water, volume of water flow, cycles of freezing and thawing of water, cycles of heating and cooling of water, speed of wind, relative rate of soil deposition, amount of vegetation) to determine effects of weathering and rate of erosion by water, ice, wind, and vegetation using one single form of weathering or erosion at a time.
		Virtual Field Trips Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Today Grade 4 - Southwest Region Early Beginnings National Parks - Alaska & Hawaii National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah

STANDARD	4.ESS.17	Formulate and evaluate solutions to limit the effects of natural Earth processes on humans (e.g., designing earthquake, tornado, or hurricane-resistant buildings; improving monitoring of volcanic activity).
		Virtual Field Trips Grade 3 - Geography of Our Communities

Main Criteria: Alabama Courses of Study
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies **Grade:** 5
Correlation Options: Show Correlated

Alabama Courses of Study
Science
Grade: 5 - Adopted: 2015

STRAND / DOMAIN	AL.5.LS.	LIFE SCIENCE
OBJECTIVE / CATEGORY		Ecosystems: Interactions, Energy, and Dynamics

STANDARD 5.LS.10. Construct and interpret models (e.g., diagrams, flow charts) to explain that energy in animals' food is used for body repair, growth, motion, and maintenance of body warmth and was once energy from the sun.

Virtual Field Trips

Galapagos Islands

Who Lives On a Coral Reef?

STANDARD 5.LS.11. Create a model to illustrate the transfer of matter among producers; consumers, including scavengers and decomposers; and the environment.

Virtual Field Trips

Amazon Rainforest - Grades 2-5

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 2-5

Amazon Rainforest - People and Threats - Grades 6-8

Galapagos Islands

Who Lives On a Coral Reef?

STRAND / DOMAIN	AL.5.ESS.	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth's Systems

STANDARD 5.ESS.14 Use a model to represent how any two systems, specifically the atmosphere, biosphere, geosphere, and/or hydrosphere, interact and support life (e.g., influence of the ocean on ecosystems, landform shape, and climate; influence of the atmosphere on landforms and ecosystems through weather and climate; influence of mountain ranges on winds and clouds in the atmosphere).

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 2-5

Amazon Rainforest - People and Threats - Grades 6-8

Grade 4 - Midwest Region Today

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Geography

Grade 4 - West Region Landforms

National Parks - Alaska & Hawaii

National Parks - Nevada, California

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

National Parks - Wyoming, Utah

STANDARD	5.ESS.15	Identify the distribution of freshwater and salt water on Earth (e.g., oceans, lakes, rivers, glaciers, ground water, polar ice caps) and construct a graphical representation depicting the amounts and percentages found in different reservoirs.
		<u>Virtual Field Trips</u> Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Galapagos Islands Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - West Region Landforms National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah

STRAND / DOMAIN	AL.5.ESS.	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth and Human Activity

STANDARD	5.ESS.16	Collect and organize scientific ideas that individuals and communities can use to protect Earth's natural resources and its environment (e.g., terracing land to prevent soil erosion, utilizing no-till farming to improve soil fertility, regulating emissions from factories and automobiles to reduce air pollution, recycling to reduce overuse of landfill areas).
		<u>Virtual Field Trips</u> African Safari Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands Grade 4 - West Region Today National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Who Lives On a Coral Reef?

Alabama Courses of Study
Social Studies
Grade: 5 - Adopted: 2013

STRAND / DOMAIN	AL.5.	United States Studies: Beginnings to the Industrial Revolution
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OBJECTIVE / CATEGORY	5.2.	Identify causes and effects of early migration and settlement of North America.
		<u>Virtual Field Trips</u> Grade 4 - Northeast

STRAND / DOMAIN	AL.5.	United States Studies: Beginnings to the Industrial Revolution
OBJECTIVE / CATEGORY	5.3.	Distinguish differences among major American Indian cultures in North America according to geographic region, natural resources, community organization, economy, and belief systems.

STANDARD	5.3.1.	Locating on a map American Indian nations according to geographic region.
		<u>Virtual Field Trips</u> Grade 4 - West Region Early Beginnings

STRAND / DOMAIN	AL.5.	United States Studies: Beginnings to the Industrial Revolution
OBJECTIVE / CATEGORY	5.4.	Determine the economic and cultural impact of European exploration during the Age of Discovery upon European society and American Indians.

STANDARD 5.4.1. Identifying significant early European patrons, explorers, and their countries of origin, including early settlements in the New World.

Virtual Field Trips

Canada: Our Northern Neighbor

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Early Beginnings

STRAND / DOMAIN	AL.5.	United States Studies: Beginnings to the Industrial Revolution
OBJECTIVE / CATEGORY	5.5.	Explain the early colonization of North America and reasons for settlement in the Northern, Middle, and Southern colonies, including geographic features, landforms, and differences in climate among the colonies.

STANDARD 5.5.2. Identifying influential leaders in colonial society.

Virtual Field Trips

Grade 4 - Northeast

STRAND / DOMAIN	AL.5.	United States Studies: Beginnings to the Industrial Revolution
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OBJECTIVE / CATEGORY 5.7. Determine causes and events leading to the American Revolution, including the French and Indian War, the Stamp Act, the Intolerable Acts, the Boston Massacre, and the Boston Tea Party.

Virtual Field Trips

Grade 4 - Northeast

STRAND / DOMAIN	AL.5.	United States Studies: Beginnings to the Industrial Revolution
OBJECTIVE / CATEGORY	5.8.	Identify major events of the American Revolution, including the battles of Lexington and Concord, Bunker Hill, Saratoga, and Yorktown.

STANDARD 5.8.1. Describing principles contained in the Declaration of Independence.

Virtual Field Trips

Grade 4 - Northeast

STANDARD 5.8.5. Locating on a map major battle sites of the American Revolution, including the battles of Lexington and Concord, Bunker Hill, Saratoga, and Yorktown.

Virtual Field Trips

Grade 4 - Northeast

STANDARD 5.8.6. Recognizing reasons for colonial victory in the American Revolution.

Virtual Field Trips

Grade 4 - Northeast

STRAND / DOMAIN	AL.5.	United States Studies: Beginnings to the Industrial Revolution
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OBJECTIVE / CATEGORY	5.9.	Explain how inadequacies of the Articles of Confederation led to the creation and eventual ratification of the Constitution of the United States.
STANDARD	5.9.1.	Describing major ideas, concepts, and limitations of the Constitution of the United States, including duties and powers of the three branches of government. Virtual Field Trips Washington, DC - Grades K - 5
STRAND / DOMAIN	AL.5.	United States Studies: Beginnings to the Industrial Revolution
OBJECTIVE / CATEGORY	5.10.	Describe political, social, and economic events between 1803 and 1860 that led to the expansion of the territory of the United States, including the War of 1812, the Indian Removal Act, the Texas-Mexican War, the Mexican-American War, and the Gold Rush of 1849.
STANDARD	5.10.1.	Analyzing the role of the Louisiana Purchase and explorations of Meriwether Lewis and William Clark for their impact on Westward Expansion. Virtual Field Trips Grade 4 - Midwest Region Early Beginnings Grade 4 - West Region Early Beginnings
STANDARD	5.10.3.	Identifying Alabama's role in the expansion movement in the United States, including the Battle of Horseshoe Bend and the Trail of Tears. Virtual Field Trips Grade 4 - Southwest Region Early Beginnings
STANDARD	5.10.4.	Identifying the impact of technological developments on United States' expansion. Virtual Field Trips Grade 4 - Northeast
STRAND / DOMAIN	AL.5.	United States Studies: Beginnings to the Industrial Revolution
OBJECTIVE / CATEGORY	5.12.	Summarize successes and failures of the Reconstruction Era.
STANDARD	5.12.2.	Analyzing the impact of Reconstruction for its effect on education and social institutions in the United States. Virtual Field Trips Grade 4 - Southeast Region of the U.S.
STANDARD	5.12.4.	Describing post-Civil War land distribution, including tenant farming and sharecropping. Virtual Field Trips Grade 4 - Southeast Region of the U.S.
STRAND / DOMAIN	AL.5.	United States Studies: Beginnings to the Industrial Revolution
OBJECTIVE / CATEGORY	5.13.	Describe social and economic influences on United States' expansion prior to World War I.

STANDARD	5.13.1.	Explaining how the development of transcontinental railroads helped the United States achieve its Manifest Destiny.
		Virtual Field Trips Grade 4 - Northeast Grade 4 - West Region Early Beginnings
STANDARD	5.13.2.	Locating on a map states, capitals, and important geographic features west of the Mississippi River.
		Virtual Field Trips Grade 4 - West Region Early Beginnings
STANDARD	5.13.3.	Explaining how the United States acquired Alaska and Hawaii.
		Virtual Field Trips Grade 4 - West Region Early Beginnings
STANDARD	5.13.4.	Identifying major groups and individuals involved with the Westward Expansion, including farmers, ranchers, Jewish merchants, Mormons, and Hispanics.
		Virtual Field Trips Grade 4 - Midwest Region Early Beginnings Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Early Beginnings
STANDARD	5.13.5.	Analyzing the impact of closing the frontier on American Indians' way of life.
		Virtual Field Trips Grade 4 - Midwest Region Early Beginnings Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Early Beginnings

Main Criteria: Alabama Courses of Study
Secondary Criteria: Virtual Field Trips
Subject s: Science, Social Studies **Grade:** 6
Correlation Options: Show Correlated

Alabama Courses of Study
Science
Grade: 6 - Adopted: 2015

STRAND / DOMAIN	AL.6.ESS.	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth's Systems

STANDARD 6.ESS.5. Use evidence to explain how different geologic processes shape Earth's history over widely varying scales of space and time (e.g., chemical and physical erosion; tectonic plate processes; volcanic eruptions; meteor impacts; regional geographical features, including Alabama fault lines, Rickwood Caverns, and Wetumpka Impact Crater).

Virtual Field Trips

National Parks - Alaska & Hawaii

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

National Parks - Wyoming, Utah

STANDARD 6.ESS.6. Provide evidence from data of the distribution of fossils and rocks, continental shapes, and seafloor structures to explain past plate motions.

Virtual Field Trips

National Parks - Alaska & Hawaii

National Parks - Wyoming, Utah

STANDARD 6.ESS.7. Use models to construct explanations of the various biogeochemical cycles of Earth (e.g., water, carbon, nitrogen) and the flow of energy that drives these processes.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 2-5

Amazon Rainforest - People and Threats - Grades 6-8

STANDARD 6.ESS.8. Plan and carry out investigations that demonstrate the chemical and physical processes that form rocks and cycle Earth's materials (e.g., processes of crystallization, heating and cooling, weathering, deformation, and sedimentation).

Virtual Field Trips

Galapagos Islands

National Parks - Alaska & Hawaii

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

National Parks - Wyoming, Utah

STANDARD 6.ESS.10. Use research-based evidence to propose a scientific explanation regarding how the distribution of Earth's resources such as minerals, fossil fuels, and groundwater are the result of ongoing geoscience processes (e.g., past volcanic and hydrothermal activity, burial of organic sediments, active weathering of rock).

Virtual Field Trips

Canada: Coast to Coast

Canada: Our Northern Neighbor

National Parks - Alaska & Hawaii

National Parks - Nevada, California

The Sahara Desert

STANDARD	6.ESS.11	Develop and use models of Earth's interior composition to illustrate the resulting magnetic field (e.g., magnetic poles) and to explain its measureable effects (e.g., protection from cosmic radiation).
		Virtual Field Trips National Parks - Alaska & Hawaii
STRAND / DOMAIN	AL.6.ESS.	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth's Systems
STANDARD	6.ESS.14	Analyze and interpret data (e.g., tables, graphs, maps of global and regional temperatures; atmospheric levels of gases such as carbon dioxide and methane; rates of human activities) to describe how various human activities (e.g., use of fossil fuels, creation of urban heat islands, agricultural practices) and natural processes (e.g., solar radiation, greenhouse effect, volcanic activity) may cause changes in local and global temperatures over time.
		Virtual Field Trips Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado Who Lives On a Coral Reef?
STRAND / DOMAIN	AL.6.ESS.	EARTH AND SPACE SCIENCE
OBJECTIVE / CATEGORY		Earth and Human Activity
STANDARD	6.ESS.15	Analyze evidence (e.g., databases on human populations, rates of consumption of food and other natural resources) to explain how changes in human population, per capita consumption of natural resources, and other human activities (e.g., land use, resource development, water and air pollution, urbanization) affect Earth's systems.
		Virtual Field Trips Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Who Lives On a Coral Reef?
STANDARD	6.ESS.16	Implement scientific principles to design processes for monitoring and minimizing human impact on the environment (e.g., water usage, including withdrawal of water from streams and aquifers or construction of dams and levees; land usage, including urban development, agriculture, or removal of wetlands; pollution of air, water, and land).
		Virtual Field Trips African Safari Amazon Rainforest - People and Threats - Grades 2-5 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 Who Lives On a Coral Reef?

Alabama Courses of Study

Social Studies

Grade: 6 - Adopted: 2013

STRAND / DOMAIN	AL.6.	United States Studies: The Industrial Revolution to the Present
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OBJECTIVE / CATEGORY	6.2.	Describe reform movements and changing social conditions during the Progressive Era in the United States.
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STANDARD 6.2.3. Identifying political reforms of Progressive movement leaders, including Theodore Roosevelt and the establishment of the national park system.

Virtual Field Trips

National Parks - Alaska & Hawaii

National Parks - Nevada, California

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

National Parks - Wyoming, Utah

STRAND / DOMAIN	AL.6.	United States Studies: The Industrial Revolution to the Present
OBJECTIVE / CATEGORY	6.6.	Identify causes and consequences of World War II and reasons for the United States' entry into the war.

STANDARD 6.6.3. Identifying key figures of World War II, including Franklin D. Roosevelt, Sir Winston Churchill, Harry S. Truman, Joseph Stalin, Adolf Hitler, Benito Mussolini, Michinomiya Hirohito, and Hideki Tōjō.

Virtual Field Trips

London - City of Pomp & Majesty

STRAND / DOMAIN	AL.6.	United States Studies: The Industrial Revolution to the Present
OBJECTIVE / CATEGORY	6.8.	Describe how the United States' role in the Cold War influenced domestic and international events.

STANDARD 6.8.3. Identifying strategic diplomatic initiatives that intensified the Cold War, including the policies of Harry S. Truman, Dwight D. Eisenhower, and John F. Kennedy.

Virtual Field Trips

Exploring Cuba

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.

Virtual Field Trips

Ancient China - Qin & Han Dynasties

Canada: Coast to Coast

Canada: Our Northern Neighbor

The Sahara Desert

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 2-5

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 2-5

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

How Coral Reefs Are Formed

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

The Sahara Desert

Tokyo - City of Contrasts

Washington, DC - Grades 6 - 12

Who Lives On a Coral Reef?

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

Main Criteria: Alabama Courses of Study
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies **Grade:** 8
Correlation Options: Show Correlated

Alabama Courses of Study
Science
Grade: 8 - Adopted: 2015

STRAND / DOMAIN	AL.8.PS.	PHYSICAL SCIENCE
OBJECTIVE / CATEGORY		Matter and Its Interactions
STANDARD	8.PS.3.	Construct explanations based on evidence from investigations to differentiate among compounds, mixtures, and solutions.

RELATED
CONTENT /
EXPECTATION

8.PS.3.a. Collect and analyze information to illustrate how synthetic materials (e.g., medicine, food additives, alternative fuels, plastics) are derived from natural resources and how they impact society.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

Alabama Courses of Study
Social Studies
Grade: 8 - Adopted: 2013

STRAND / DOMAIN	AL.8.	World History to 1500
OBJECTIVE / CATEGORY	8.1.	Explain how artifacts and other archaeological findings provide evidence of the nature and movement of prehistoric groups of people.

STANDARD

8.1.1. Identifying the founding of Rome as the basis of the calendar established by Julius Caesar and used in early Western civilization for over a thousand years.

Virtual Field Trips

Ancient Rome

STANDARD

8.1.4. Identifying terms used to describe characteristics of early societies and family structures.

Virtual Field Trips

Ancient Egypt - Land of the Pharaohs

Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

STRAND / DOMAIN	AL.8.	World History to 1500
OBJECTIVE / CATEGORY	8.2.	Analyze characteristics of early civilizations in respect to technology, division of labor, government, calendar, and writings.

STANDARD

8.2.1. Comparing significant features of civilizations that developed in the Tigris-Euphrates, Nile, Indus, and Huang He River Valleys.

Virtual Field Trips

Ancient Egypt - Land of the Pharaohs

Ancient Egypt - Land of the Pyramids

STRAND / DOMAIN	AL.8.	World History to 1500
OBJECTIVE / CATEGORY	8.3.	Compare the development of early world religions and philosophies and their key tenets.

STANDARD 8.3.1. Identifying cultural contributions of early world religions and philosophies.

Virtual Field Trips

Ancient Egypt - Land of the Pharaohs

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

Jerusalem - Then and Now (Older Grades)

OBJECTIVE / CATEGORY 8.4. Identify cultural contributions of Classical Greece, including politics, intellectual life, arts, literature, architecture, and science.

Virtual Field Trips

Ancient Greece

STRAND / DOMAIN	AL.8.	World History to 1500
OBJECTIVE / CATEGORY	8.5.	Describe the role of Alexander the Great in the Hellenistic world.

STANDARD 8.5.1. Defining boundaries of Alexander the Great's empire and its economic impact.

Virtual Field Trips

Ancient Greece

STANDARD 8.5.2. Identifying reasons for the separation of Alexander the Great's empire into successor kingdoms.

Virtual Field Trips

Ancient Greece

STANDARD 8.5.3. Evaluating major contributions of Hellenistic art, philosophy, science, and political thought.

Virtual Field Trips

Ancient Greece

STRAND / DOMAIN	AL.8.	World History to 1500
OBJECTIVE / CATEGORY	8.6.	Trace the expansion of the Roman Republic and its transformation into an empire, including key geographic, political, and economic elements.

STANDARD 8.6.1. Interpreting spatial distributions and patterns of the Roman Republic using geographic tools and technologies.

Virtual Field Trips

Ancient Rome

Rome - The Eternal City

STRAND / DOMAIN	AL.8.	World History to 1500
OBJECTIVE / CATEGORY	8.7.	Describe the widespread impact of the Roman Empire.

STANDARD	8.7.1.	Tracing important aspects of the diffusion of Christianity, including its relationship to Judaism, missionary impulse, organizational development, transition from persecution to acceptance in the Roman Empire, and church doctrine.
		Virtual Field Trips Jerusalem - Then and Now (Older Grades)

STANDARD	8.7.2.	Explaining the role of economics, societal changes, Christianity, political and military problems, external factors, and the size and diversity of the Roman Empire in its decline and fall.
		Virtual Field Trips Ancient Rome Rome - The Eternal City

STRAND / DOMAIN	AL.8.	World History to 1500
OBJECTIVE / CATEGORY	8.14.	Describe key aspects of pre-Columbian cultures in the Americas including the Olmecs, Mayas, Aztecs, Incas, and North American tribes.

STANDARD	8.14.1.	Locating on a map sites of pre-Columbian cultures.
		Virtual Field Trips Ancient Mayan Civilization

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.
		Virtual Field Trips 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.

Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

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