

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

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

Does not include:

- Canada
- Ancient China
- Northeast Region
- Midwest Region
- Sahara Desert
- Southwest Region
- Western Region

STRAND / DOMAIN	AL.7.LS.	LIFE SCIENCE
OBJECTIVE / CATEGORY		Ecosystems: Interactions, Energy, and Dynamics
STANDARD	7.LS.7.	<p>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.</p> <p><u>Social Studies Online</u>  Galapagos Islands  Galapagos Islands - Espagnol  La Selva Amazonica - Pte 1 (En Espagnol)  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - WA, OR, ID, MT, CO  The Amazon Rainforest - Part 1 - Older Grades</p>
STANDARD	7.LS.8.	<p>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).</p> <p><u>Social Studies Online</u>  African Safari  Galapagos Islands  Galapagos Islands - Espagnol  La Selva Amazonica - Pte 1 (En Espagnol)  National Parks - West - Alaska &amp; Hawaii  The Amazon Rainforest - Part 1 - Older Grades  The Amazon Rainforest - Part 2 - Older Grades</p>
STANDARD	7.LS.9.	<p>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).</p> <p><u>Social Studies Online</u>  African Safari  Galapagos Islands  Galapagos Islands - Espagnol</p>

		National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - WA, OR, ID, MT, CO The Amazon Rainforest - Part 2 - Older Grades
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).  <a href="#">Social Studies Online</a> African Safari Galapagos Islands Galapagos Islands - Espagnol

### Alabama Courses of Study

#### Social Studies

Grade: 7 - Adopted: 2013

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.2.2.	Interpreting processes and reasons for regional change, including land use, urban growth, population, natural disasters, and trade.  <a href="#">Social Studies Online</a> Exploring Cuba
STANDARD	7.G.2.3.	Analyzing interactions among regions to show transnational relationships, including the flow of commodities and Internet connectivity.  <a href="#">Social Studies Online</a> Exploring Cuba
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.  <a href="#">Social Studies Online</a> 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.  <a href="#">Social Studies Online</a> African Safari Galapagos Islands National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - WA, OR, ID, MT, CO The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
STANDARD	7.G.3.4.	Comparing how ecosystems vary from place to place and over time.  <a href="#">Social Studies Online</a>

		African Safari Galapagos Islands National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - WA, OR, ID, MT, CO The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
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.  <u>Social Studies Online</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
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.  <u>Social Studies Online</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Ancient Rome
STANDARD	7.G.7.3.	Describing ways in which urban areas interact and influence surrounding regions.  <u>Social Studies Online</u> Barcelona - English Barcelona - Espagnol London - City of Pomp & Majesty Highlights of Paris - Grades 6 - 8 Paris - La Ville Lumiere (En Francais) Tokyo - City of Contrasts
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.  <u>Social Studies Online</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
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.  <u>Social Studies Online</u> Exploring Cuba
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.  <u>Social Studies Online</u> Exploring Cuba

OBJECTIVE / CATEGORY	7.G.12.	Explain ways geographic features and environmental issues have influenced historical events.  <a href="#">Social Studies Online</a> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
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.  <a href="#">Social Studies Online</a> Washington, DC - Grades 6 - 8
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.  <a href="#">Social Studies Online</a> African Safari Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Barcelona - English Barcelona - Espagnol Canada - An Overview Exploring Cuba Galapagos Islands Jerusalem - Then and Now (Older Grades) La Selva Amazonica - Pte 1 (En Espagnol) London - City of Pomp & Majesty National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - WA, OR, ID, MT, CO Highlights of Paris - Grades 6 - 8 Paris - La Ville Lumiere (En Francais) Ancient Rome Rome - The Eternal City The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades Tokyo - City of Contrasts Washington, DC - Grades 6 - 8