

Main Criteria: Georgia Standards of Excellence
Secondary Criteria: Virtual Field Trips Subjects: Science, Social Studies
Grade: 4
Correlation Options: Show Correlated

Georgia Standards of Excellence
Science
 Grade: 4 - Adopted: 2016

STRAND/TOPIC		Earth and Space Science
STANDARD / DESCRIPTION	S4E4.	Obtain, evaluate, and communicate information to predict weather events and infer weather patterns using weather charts/maps and collected weather data.

ELEMENT S4E4.d. Construct an explanation based on research to communicate the difference between weather and climate.

Virtual Field Trips
 Amazon Rainforest - Grades 2-5
 Canada: Coast to Coast
 Canada: Our Northern Neighbor
 Grade 4 - Midwest Region Early Beginnings
 Grade 4 - Northeast
 Grade 4 - Southwest Region Early Beginnings
 Grade 4 - West Region Geography
 National Parks - Nevada, California
 The Sahara Desert

STRAND/TOPIC		Physical Science
STANDARD / DESCRIPTION	S4P2.	Obtain, evaluate, and communicate information about how sound is produced and changed and how sound and/or light can be used to communicate.

ELEMENT S4P2.b. Design and construct a device to communicate across a distance using light and/or sound.

Virtual Field Trips
 Grade 3 - Geography of Our Communities

STRAND/TOPIC		Physical Science
STANDARD / DESCRIPTION	S4P3.	Obtain, evaluate, and communicate information about the relationship between balanced and unbalanced forces.

ELEMENT S4P3.a. Plan and carry out an investigation on the effects of balanced and unbalanced forces on an object and communicate the results.

Virtual Field Trips
 Grade 4 - West Region Landforms
 National Parks - Wyoming, Utah

STRAND/TOPIC		Life Science
STANDARD / DESCRIPTION	S4L1.	Obtain, evaluate, and communicate information about the roles of organisms and the flow of energy within an ecosystem.

ELEMENT S4L1.a. Develop a model to describe the roles of producers, consumers, and decomposers in a community.

Virtual Field Trips
 Amazon Rainforest - Grades 2-5

ELEMENT	S4L1.b.	Develop simple models to illustrate the flow of energy through a food web/food chain beginning with sunlight and including producers, consumers, and decomposers.
		Virtual Field Trips Galapagos Islands Who Lives On a Coral Reef?
ELEMENT	S4L1.c.	Design a scenario to demonstrate the effect of a change on an ecosystem.
		Virtual Field Trips Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Canada: Coast to Coast How Coral Reefs Are Formed National Parks - Washington, Oregon, Idaho, Montana, Colorado Who Lives On a Coral Reef?
ELEMENT	S4L1.d.	Use printed and digital data to develop a model illustrating and describing changes to the flow of energy in an ecosystem when plants or animals become scarce, extinct or over-abundant.
		Virtual Field Trips Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Galapagos Islands National Parks - Alaska & Hawaii The Sahara Desert

Georgia Standards of Excellence

Social Studies

Grade: 4 - Adopted: 2021

STRAND/TOPIC	45.005.	Fourth Grade – United States History Year 2: Revolution to Reconstruction
STANDARD / DESCRIPTION		Historical Understandings
ELEMENT	SS4H1.	Explain the causes, events, and results of the American Revolution.

ELEMENT/GLE	SS4H1.a.	Trace the events that shaped the revolutionary movement in America: French and Indian War, 1765 Stamp Act, the slogan “no taxation without representation,” the activities of the Sons of Liberty, the activities of the Daughters of Liberty, Boston Massacre, and the Boston Tea Party.
		Virtual Field Trips Grade 3 - The First Americans Grade 4 - Northeast
ELEMENT/GLE	SS4H1.c.	Describe the major events of the American Revolution and explain the factors leading to American victory and British defeat; include the Battles of Lexington and Concord, Saratoga, and Yorktown.
		Virtual Field Trips Grade 3 - The First Americans Grade 4 - Northeast
ELEMENT/GLE	SS4H1.d.	Explain the writing of the Declaration of Independence; include who wrote it, how it was written, why it was necessary, and how it was a response to tyranny and the abuse of power.
		Virtual Field Trips Grade 3 - The First Americans Grade 4 - Northeast

STRAND/TOPIC	45.005.	Fourth Grade – United States History Year 2: Revolution to Reconstruction
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STANDARD / DESCRIPTION		Historical Understandings
ELEMENT	SS4H3.	Explain westward expansion in America.

ELEMENT/GLE SS4H3.b. Describe the impact of westward expansion on American Indians; include the Trail of Tears, Battle of Little Bighorn and the forced relocation of American Indians to reservations.

Virtual Field Trips

Grade 4 - Midwest Region Early Beginnings

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Early Beginnings

ELEMENT/GLE SS4H3.c. Describe territorial expansion with emphasis on the Louisiana Purchase, the Lewis and Clark expedition, and the acquisitions of Texas (the Alamo and independence), Oregon (Oregon Trail), and California (Gold Rush and the development of mining towns).

Virtual Field Trips

Grade 3 - How The Country Was Settled

Grade 4 - Midwest Region Early Beginnings

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

Grade 4 - West Region Early Beginnings

Grade 4 - West Region Geography

STRAND/TOPIC	45.005.	Fourth Grade – United States History Year 2: Revolution to Reconstruction
STANDARD / DESCRIPTION		Historical Understandings
ELEMENT	SS4H5.	Explain the causes, major events, and consequences of the Civil War.

ELEMENT/GLE SS4H5.b. Discuss how the issues of states' rights and slavery increased tensions between the North and South.

Virtual Field Trips

Grade 4 - Southeast Region of the U.S.

ELEMENT/GLE SS4H5.e Describe the effects of war on the North and South.

Virtual Field Trips

Grade 4 - Southeast Region of the U.S.

STRAND/TOPIC	45.005.	Fourth Grade – United States History Year 2: Revolution to Reconstruction
STANDARD / DESCRIPTION		Historical Understandings
ELEMENT	SS4H6.	Analyze the effects of Reconstruction on American life.

ELEMENT/GLE SS4H6.c. Explain how slavery was replaced by sharecropping and how freed African Americans or Blacks were prevented from exercising their newly won rights.

Virtual Field Trips

Grade 4 - Southeast Region of the U.S.

STRAND/TOPIC	45.005.	Fourth Grade – United States History Year 2: Revolution to Reconstruction
STANDARD / DESCRIPTION		Geographic Understandings
ELEMENT	SS4G1.	Locate important physical and man-made features in the United States.

ELEMENT/GLE	SS4G1.a.	Locate major physical features of the United States: the Atlantic Coastal Plain, the Great Plains, the Continental Divide, the Gulf of Mexico, the Mississippi River, and the Great Lakes. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba 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 Landforms Grade 4 - West Region Today National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Washington, DC - Grades K - 5
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ELEMENT/GLE	SS4G1.b.	Locate major man-made features of the United States: New York City, NY; Boston, MA; Philadelphia, PA; Washington, D.C.; Gettysburg, PA; and the Erie Canal. Virtual Field Trips Grade 4 - Northeast
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ST RAND/TOPIC	45.005.	Fourth Grade – United States History Year 2: Revolution to Reconstruction
STANDARD / DESCRIPTION		Geographic Understandings
ELEMENT	SS4G2.	Describe how physical systems affect human systems.

ELEMENT/GLE	SS4G2.b.	Describe physical barriers that hindered and physical gateways that benefited territorial expansion from 1801 to 1861. Virtual Field Trips Grade 3 - How The Country Was Settled Grade 4 - Midwest Region Early Beginnings Grade 4 - West Region Early Beginnings
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ST RAND/TOPIC	45.005.	Fourth Grade – United States History Year 2: Revolution to Reconstruction
STANDARD / DESCRIPTION		Government/Civic Understandings
ELEMENT	SS4CG1.	Describe the meaning of:

ELEMENT/GLE	SS4CG1.a.	Natural rights as found in the Declaration of Independence (the right to life, liberty, and the pursuit of happiness) Virtual Field Trips Grade 3 - The First Americans Grade 4 - Northeast
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ELEMENT/GLE	SS4CG1.c.	The federal system of government in the U.S. (federal powers, state powers, and shared powers) Virtual Field Trips Grade 3 - How Government Helps Our Communities
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STRAND/TOPIC	45.005.	Fourth Grade – United States History Year 2: Revolution to Reconstruction
STANDARD / DESCRIPTION		Government/Civic Understandings

ELEMENT SS4CG2. Explain the importance of freedoms guaranteed by the First Amendment to the U.S. Constitution.

Virtual Field Trips

Grade 3 - A Country of Cultures

STRAND/TOPIC	45.005.	Fourth Grade – United States History Year 2: Revolution to Reconstruction
STANDARD / DESCRIPTION		Government/Civic Understandings
ELEMENT	SS4CG3	Describe the structure of government and the Bill of Rights.

ELEMENT/GLE SS4CG3. Describe how the three branches of government interact with each other (checks and balances and separation of powers), and how they relate to local, state, and federal government.

Virtual Field Trips

Grade 3 - How Government Helps Our Communities

Washington, DC - Grades K - 5

ELEMENT/GLE SS4CG3. Identify and explain the rights in the Bill of Rights, describe how the Bill of Rights places limits on the powers of government, and explain the reasons for its inclusion in the Constitution in 1791.

Virtual Field Trips

Grade 3 - How Government Helps Our Communities

STRAND/TOPIC	45.005.	Fourth Grade – United States History Year 2: Revolution to Reconstruction
STANDARD / DESCRIPTION		Economic Understandings
ELEMENT	SS4E1.	Use the basic economic concepts of trade, opportunity cost, specialization, voluntary exchange, productivity, and price incentives to illustrate historical events.

ELEMENT/GLE SS4E1.a. Describe opportunity cost and its relationship to decision-making across time (e.g., decisions to settle in the west).

Virtual Field Trips

Grade 4 - West Region Early Beginnings

Grade 4 - West Region Geography

ELEMENT/GLE SS4E1.b. Explain how price incentives affect people's behavior and choices: decisions about what crops (e.g., cotton, and tobacco) to grow and products (e.g., textiles) to produce.

Virtual Field Trips

Grade 4 - Midwest Region Early Beginnings

ELEMENT/GLE SS4E1.c. Describe how specialization improves standards of living (e.g., differences in the economies in the North and South).

Virtual Field Trips

Grade 4 - Northeast

ELEMENT/GLE	SS4E1.d. Explain how voluntary exchange helps both buyers and sellers (e.g., Gold Rush mining towns). Virtual Field Trips Grade 4 - West Region Early Beginnings Grade 4 - West Region Geography
ELEMENT/GLE	SS4E1.f. Give examples of technological advancements and their impact on business productivity during the development of the United States (e.g., cotton gin, steamboat, steam locomotive, and telegraph). Virtual Field Trips Grade 3 - How The Country Was Settled Grade 4 - Northeast Grade 4 - Southeast Region of the U.S. Grade 4 - West Region Early Beginnings