

Main Criteria: Massachusetts Curriculum Frameworks

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 4

Correlation Options: Show Correlated

Massachusetts Curriculum Frameworks

Science

Grade: 4 - Adopted: 2016

FOCUS / COURSE	MA.4-ESS.	Grade 4: Earth and Space Sciences
STRAND	ESS2.	Earth's Systems
STANDARD / CONCEPT / SKILL	4-ESS2-1.	<p>Make observations and collect data to provide evidence that rocks, soils, and sediments are broken into smaller pieces through mechanical weathering and moved around through erosion.</p> <p><u>Virtual Field Trips</u> Grade 3 - Geography of Our Communities National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1</p>
STANDARD / CONCEPT / SKILL	4-ESS2-2.	<p>Analyze and interpret maps of Earth's mountain ranges, deep ocean trenches, volcanoes, and earthquake epicenters to describe patterns of these features and their locations relative to boundaries between continents and oceans.</p> <p><u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks West - Nevada, California National Parks West - Wyoming, Utah</p>
FOCUS / COURSE	MA.4-ESS.	Grade 4: Earth and Space Sciences
STRAND	ESS3.	Earth and Human Activity
STANDARD / CONCEPT / SKILL	4-ESS3-1.	<p>Obtain information to describe that energy and fuels humans use are derived from natural resources and that some energy and fuel sources are renewable and some are not.</p> <p><u>Virtual Field Trips</u> Grade 3 - Geography of Our Communities The Amazon Rainforest - Part 2 - Younger Grades</p>
STANDARD / CONCEPT / SKILL	4-ESS3-2.	<p>Evaluate different solutions to reduce the impacts of a natural event such as an earthquake, blizzard, or flood on humans.</p> <p><u>Virtual Field Trips</u> Grade 3 - Geography of Our Communities</p>
FOCUS / COURSE	MA.4-LS.	Grade 4: Life Science
STRAND	LS1.	From Molecules to Organisms: Structures and Processes
STANDARD / CONCEPT / SKILL	4-LS1-1.	<p>Construct an argument that animals and plants have internal and external structures that support their survival, growth, behavior, and reproduction.</p> <p><u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol How Coral Reefs Are Formed The Amazon Rainforest Who Lives On a Coral Reef?</p>
FOCUS / COURSE	MA.4-PS.	Physical Science

STRAND	PS4.	Waves and Their Applications in Technologies for Information Transfer
STANDARD / CONCEPT / SKILL	4-PS4-3.	Develop and compare multiple ways to transfer information through encoding, sending, receiving, and decoding a pattern. <u>Virtual Field Trips</u> Grade 3 - Geography of Our Communities

**Massachusetts Curriculum Frameworks
Social Studies**

Grade: 4 - Adopted: 2003

FOCUS / COURSE	MA.4.CS.	North American Geography with Optional Standards for One Early Civilization (Concepts and Skills)
STRAND		HISTORY AND GEOGRAPHY
STANDARD / CONCEPT / SKILL	4.CS.1.	Use map and globe skills to determine absolute locations (latitude and longitude) of places studied. (G) <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Canada - An Overview Exploring Cuba Rome - The Eternal City - Part 1
STANDARD / CONCEPT / SKILL	4.CS.3.	Observe and describe national historic sites and describe their function and significance. (H, C) <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Canada - An Overview Rome - The Eternal City - Part 1
FOCUS / COURSE	MA.4.CS.	North American Geography with Optional Standards for One Early Civilization (Concepts and Skills)
STRAND		ECONOMICS
STANDARD / CONCEPT / SKILL	4.CS.8.	Give examples of how the interaction of buyers and sellers influences the prices of goods and services in markets. (E) <u>Virtual Field Trips</u> Grade 3 - I Am a Consumer
FOCUS / COURSE	MA.4.LS.	North American Geography with Optional Standards for One Early Civilization (Learning Standards)
STRAND		REGIONS OF THE UNITED STATES
STANDARD / CONCEPT / SKILL	4.8.	On a map of the world, locate North America. On a map of North America, locate the United States, the Atlantic and Pacific Oceans, Gulf of Mexico, Mississippi and Rio Grande Rivers, the Great Lakes, Hudson Bay, and the Rocky and Appalachian Mountain ranges. (G) <u>Virtual Field Trips</u> Exploring Cuba Grade 3 - Geography of Our Communities Grade 4 - Southeast Region of the U.S. National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Washington, DC - Grades K - 5

STANDARD / CONCEPT / SKILL	4.9.	<p>On a map of North America, locate the current boundaries of the United States (including Alaska and Hawaii). Locate the New England, Middle Atlantic, Atlantic Coast/Appalachian, Southeast/Gulf, South Central, Great Lakes, Plains, Southwest Desert, and Pacific states and the Commonwealth of Puerto Rico. See Appendix H for a listing of states in each region. (G)</p> <p><u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol Grade 3 - Geography of Our Communities Grade 4 - Southeast Region of the U.S. National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Washington, DC - Grades K - 5</p>
STANDARD / CONCEPT / SKILL	4.10.	<p>Identify the states, state capitals, and major cities in each region. (G)</p> <p><u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol Grade 4 - Southeast Region of the U.S.</p>
STANDARD / CONCEPT / SKILL	4.11.	<p>Describe the climate, major physical features, and major natural resources in each region. (G)</p> <p><u>Virtual Field Trips</u> Grade 3 - Geography of Our Communities Grade 4 - Southeast Region of the U.S. National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Washington, DC - Grades K - 5</p>
STANDARD / CONCEPT / SKILL	4.12.	<p>Identify and describe unique features of the United States (e.g., the Everglades, the Grand Canyon, Mount Rushmore, the Redwood Forest, Yellowstone National Park, and Yosemite National Park). (G)</p> <p><u>Virtual Field Trips</u> Grade 3 - Geography of Our Communities Grade 4 - Southeast Region of the U.S. National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Washington, DC - Grades K - 5</p>
STANDARD / CONCEPT / SKILL	4.13.	<p>Identify major monuments and historical sites in and around Washington, D.C. (e.g., the Jefferson and Lincoln Memorials, the Smithsonian Museums, the Library of Congress, the White House, the Capitol, the Washington Monument, the National Archives, Arlington National Cemetery, the Vietnam Veterans Memorial, the Iwo Jima Memorial, and Mount Vernon). (G)</p> <p><u>Virtual Field Trips</u> Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5</p>
STANDARD / CONCEPT / SKILL	4.14.	<p>Identify the five different European countries (France, Spain, England, Russia, and the Netherlands) that influenced different regions of the present United States at the time the New World was being explored and describe how their influence can be traced to place names, architectural features, and language. (H, G)</p>

		Virtual Field Trips Grade 4 - Southeast Region of the U.S.
FOCUS / COURSE	MA.4.LS.	North American Geography with Optional Standards for One Early Civilization (Learning Standards)
STRAND		REGIONS OF THE UNITED STATES
STANDARD / CONCEPT / SKILL	4.15.	Describe the diverse nature of the American people by identifying the distinctive contributions to American culture of:
INDICATOR	4.15.A.	Several indigenous peoples in different areas of the country (e.g., Navajo, Seminoles, Sioux, Hawaiians, and Inuits). Virtual Field Trips Grade 3 - The First Americans
INDICATOR	4.15.B.	African Americans, including an explanation of their early concentration in the South because of slavery and the Great Migration to northern cities in the 20th century, and recent African immigrant groups (e.g., Ethiopian) and where they tended to settle in large numbers. Virtual Field Trips Grade 3 - How The Country Was Settled Grade 4 - Southeast Region of the U.S.
INDICATOR	4.15.C.	Major European immigrant groups who have come to America, locating their countries of origin and where they tended to settle in large numbers (e.g., English, Germans, Italians, Scots, Irish, Jews, Poles, and Scandinavians). Virtual Field Trips Grade 3 - A Country of Cultures Grade 3 - How The Country Was Settled Grade 3 - The First Americans
FOCUS / COURSE	MA.4.LS.	North American Geography with Optional Standards for One Early Civilization (Learning Standards)
STRAND		CANADA
STANDARD / CONCEPT / SKILL	4.17.	On a map of North America, locate Canada, its provinces, and major cities. (G) Virtual Field Trips Canada - An Overview
STANDARD / CONCEPT / SKILL	4.18.	Describe the climate, major physical characteristics, and major natural resources of Canada and explain their relationship to settlement, trade, and the Canadian economy. (G, E) Virtual Field Trips Canada - An Overview
STANDARD / CONCEPT / SKILL	4.20.	Identify when Canada became an independent nation and explain how independence was achieved. (H, G) Virtual Field Trips Canada - An Overview
STANDARD / CONCEPT / SKILL	4.22.	Identify the major language groups in Canada, their geographic location, and the relations among them. (H, G) Virtual Field Trips Canada - An Overview
FOCUS / COURSE	MA.4.LS.	North American Geography with Optional Standards for One Early Civilization (Learning Standards)
STRAND		OPTIONAL LEARNING STANDARDS FOR CENTRAL AMERICA AND THE CARIBBEAN ISLANDS
STANDARD / CONCEPT / SKILL	4.27.	On a map of North and South America, locate the Isthmus of Panama which divides North from South America. Use a map key to

		<p>locate islands, countries, and major cities of Central America and the Caribbean Islands. (G, E)</p> <p><u>Virtual Field Trips</u> Exploring Cuba</p>
STANDARD / CONCEPT / SKILL	4.28.	<p>Describe the climate and major natural resources of Central America and the Caribbean Islands and explain their relationship to the economy of those regions. (G, E)</p> <p><u>Virtual Field Trips</u> Exploring Cuba</p>
STANDARD / CONCEPT / SKILL	4.29.	<p>Identify the different languages used in different countries in the Caribbean region today (e.g., Spanish in Cuba, French in Haiti, English in Barbados and Jamaica). (H)</p> <p><u>Virtual Field Trips</u> Exploring Cuba</p>