

Main Criteria: Connecticut State Standards
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 7
Correlation Options: Show Correlated

Connecticut State Standards
Science
Grade: 7 - Adopted: 2015

DOMAIN / CONTENT STANDARD	NGSS.MS-PS.	PHYSICAL SCIENCE
STATE FRAMEWORK	MS-PS1.	Matter and Its Interactions
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

INDICATOR MS-PS1-3. Gather and make sense of information to describe that synthetic materials come from natural resources and impact society.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

DOMAIN / CONTENT STANDARD	NGSS.MS-LS.	LIFE SCIENCE
STATE FRAMEWORK	MS-LS1.	From Molecules to Organisms: Structures and Processes
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

INDICATOR MS-LS1-5. Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.

Virtual Field Trips

Galapagos Islands

DOMAIN / CONTENT STANDARD	NGSS.MS-LS.	LIFE SCIENCE
STATE FRAMEWORK	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

INDICATOR MS-LS2-2. Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.

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

INDICATOR	MS-LS2-3.	Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
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INDICATOR	MS-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect 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
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INDICATOR	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services. 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
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DOMAIN / CONTENT STANDARD	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
STATE FRAMEWORK	MS-ESS2.	Earth's Systems
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

INDICATOR	MS-ESS2-1.	Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
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INDICATOR	MS-ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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INDICATOR	MS-ESS2-3.	Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Wyoming, Utah
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INDICATOR	MS-ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions. Virtual Field Trips Canada: Coast to Coast
INDICATOR	MS-ESS2-6.	Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates. Virtual Field Trips Galapagos Islands
DOMAIN / CONTENT STANDARD	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
STATE FRAMEWORK	MS-ESS3.	Earth and Human Activity
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:
INDICATOR	MS-ESS3-1.	Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California
INDICATOR	MS-ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment. 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
INDICATOR	MS-ESS3-4.	Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8
INDICATOR	MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century. Virtual Field Trips Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado

DOMAIN / CONTENT STANDARD		Grade 7: World Regional Studies II
STATE FRAMEWORK		Grade 7 Inquiry Standards
GRADE LEVEL EXPECTATION	2	Apply Disciplinary Concepts and Tools

INDICATOR 7.Inq.2.a. Apply disciplinary knowledge and practices to demonstrate an understanding of world regional studies content.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

Ancient China - Qin & Han Dynasties

Canada: Coast to Coast

Canada: Our Northern Neighbor

DOMAIN / CONTENT STANDARD		Grade 7: World Regional Studies II
STATE FRAMEWORK		Grade 7 Content Standards
GRADE LEVEL EXPECTATION	7-1.	Movement and Cultural Diffusion

INDICATOR 7.Geo.3.a. Analyze cultural diffusion among regions using paper based and digital mapping techniques (e.g., expansion, relocation).

Virtual Field Trips

Ancient China - Qin & Han Dynasties

INDICATOR 7.Geo.8.a. Analyze how human-environment interactions influence movement and settlement (e.g., Floating City Of Ganvie, The Dry Corridor, Tenochtitlán, Silk Road, trans-Saharan caravans).

Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Ancient China - Qin & Han Dynasties

INDICATOR 7.Geo.10.a. Analyze how cultural characteristics vary among regions and shape diversity of local communities (e.g., cultural centers, diasporas, cultural universals, taboos, linguistics).

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Our Northern Neighbor

INDICATOR	7.Geo.10.b.	Analyze how environmental characteristics vary among regions (e.g., climate, natural disasters, waterways, mountain ranges, deserts). <u>Virtual Field Trips</u> African Safari Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties Barcelona Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba 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 Tokyo - City of Contrasts
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INDICATOR	7.Geo.12.a.	Explain how global changes in population distribution patterns have affected land use in a region (e.g., the Pampas, Deforestation in the Amazon, Southwest United States population boom). <u>Virtual Field Trips</u> Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor
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DOMAIN / CONTENT STANDARD		Grade 7: World Regional Studies II
STATE FRAMEWORK		Grade 7 Content Standards
GRADE LEVEL EXPECTATION	7-2.	Governance and Human Rights

INDICATOR	7.His.9.a.	Classify the kinds of historical sources used in a secondary interpretations of a globally or regionally significant event or issue (e.g., genocide, natural disasters, climate change, refugee crises, human trafficking). <u>Virtual Field Trips</u> Exploring Cuba
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INDICATOR	7.His.2.a.	Describe a series of political events and developments that reflect change and continuity throughout the history of a region (e.g., trans-Saharan Migration, Spanish Conquest of Hispaniola, Mexican Revolution, Cuban Revolution, Latin American independence, Apartheid, Central African Republic Civil War, Yogyakarta Principles, Timbuktu). <u>Virtual Field Trips</u> Exploring Cuba
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DOMAIN / CONTENT STANDARD		Grade 7: World Regional Studies II
STATE FRAMEWORK		Grade 7 Content Standards
GRADE LEVEL EXPECTATION	7-3.	Regional and Global Economics

INDICATOR	7.Eco.5.a. Explain ways in which money facilitates the exchange of goods and services in both historical and contemporary contexts (e.g., cattle, Cowrie shells, wampum, coins, banknotes, credit cards, cryptocurrency).
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Virtual Field Trips

Barcelona