

Main Criteria: New York State Learning Standards and Core Curriculum

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

New York State Learning Standards and Core Curriculum

Science

Grade: 8 - Adopted: 2016

STRAND / DOMAIN / UNIFYING THEME	NY.MS.1.	Structure and Properties of Matter
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:
STANDARD / CONCEPTUAL UNDERSTANDING	MS-PS1-3.	Gather and make sense of information to describe that synthetic materials come from natural resources and impact society. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
STRAND / DOMAIN / UNIFYING THEME	NY.MS.6.	Structure, Function, and Information Processing
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:
STANDARD / CONCEPTUAL UNDERSTANDING	MS-LS1-3.	Construct an explanation supported by evidence for how the body is composed of interacting systems consisting of cells, tissues, and organs working together to maintain homeostasis. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks West - Nevada, California
STRAND / DOMAIN / UNIFYING THEME	NY.MS.7.	Matter and Energy in Organisms and Ecosystems
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:
STANDARD / CONCEPTUAL UNDERSTANDING	MS-LS2-3.	Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
STANDARD / CONCEPTUAL UNDERSTANDING	MS-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
STRAND / DOMAIN / UNIFYING THEME	NY.MS.8.	Interdependent Relationships in Ecosystems

CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:
STANDARD / CONCEPTUAL UNDERSTANDING	MS-LS2-2.	Construct an explanation that predicts patterns of interactions among organisms in a variety of ecosystems. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) National Parks - West - Alaska & Hawaii The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
STANDARD / CONCEPTUAL UNDERSTANDING	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and protecting ecosystem stability. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 The Amazon Rainforest - Part 2 - Older Grades
STRAND / DOMAIN / UNIFYING THEME	NY.MS.9.	Growth, Development, and Reproduction of Organisms
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:
STANDARD / CONCEPTUAL UNDERSTANDING	MS-LS1-5.	Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
STRAND / DOMAIN / UNIFYING THEME	NY.MS.12.	History of Earth
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:
STANDARD / CONCEPTUAL UNDERSTANDING	MS-ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying temporal and spatial scales. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1
STANDARD / CONCEPTUAL UNDERSTANDING	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. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1
STRAND / DOMAIN / UNIFYING THEME	NY.MS.13.	Earth's Systems
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:

STANDARD / CONCEPTUAL UNDERSTANDING	MS-ESS2-1.	Develop a model to describe the cycling of Earth’s materials and the flow of energy that drives this process. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
STANDARD / CONCEPTUAL UNDERSTANDING	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 geologic processes. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California
STRAND / DOMAIN / UNIFYING THEME	NY.MS.14.	Weather and Climate
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:
STANDARD / CONCEPTUAL UNDERSTANDING	MS-ESS2-6.	Develop and use a model to describe how unequal heating and rotation of Earth cause patterns of atmospheric and oceanic circulation that determine regional climates. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
STANDARD / CONCEPTUAL UNDERSTANDING	MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks of the Western Region - Part 1
STRAND / DOMAIN / UNIFYING THEME	NY.MS.15.	Human Impacts
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:
STANDARD / CONCEPTUAL UNDERSTANDING	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. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades

**New York State Learning Standards and Core Curriculum
Social Studies**

Grade: 8 - Adopted: 2016

STRAND / DOMAIN / UNIFYING THEME	NY.8P.	Grade 8: Social Studies Practices
CATEGORY / CLUSTER / KEY IDEA	8P.B.	Chronological Reasoning
STANDARD / CONCEPTUAL UNDERSTANDING	8P.B.4.	Identify, analyze, and evaluate the relationship between multiple causes and multiple effects. <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 Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2

STANDARD / CONCEPTUAL UNDERSTANDING	8P.B.5.	Distinguish between long-term and immediate causes and effects of an event from current events or history. <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 Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2
STRAND / DOMAIN / UNIFYING THEME	NY.8P.	Grade 8: Social Studies Practices
CATEGORY / CLUSTER / KEY IDEA	8P.C.	Comparison and Contextualization
STANDARD / CONCEPTUAL UNDERSTANDING	8P.C.1.	Identify a region of the United States by describing multiple characteristics common to places within it, and then identify other, similar regions inside the United States. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1
STANDARD / CONCEPTUAL UNDERSTANDING	8P.C.4.	Describe the relationship between geography, economics, and history as a context for events and movements in the United States. <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
STRAND / DOMAIN / UNIFYING THEME	NY.8P.	Grade 8: Social Studies Practices
CATEGORY / CLUSTER / KEY IDEA	8P.D.	Geographic Reasoning
STANDARD / CONCEPTUAL UNDERSTANDING	8P.D.2.	Distinguish human activities and human-made features from “environments” (natural events or physical features—land, air, and water—that are not directly made by humans) and describe the relationship between human activities and the environment. <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol Canada - An Overview Exploring Cuba 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 - Part 1 Paris - City of Light - Grades 6 - 12 Paris - La Ville Lumiere (En Francais) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades Tokyo - City of Contrasts
STANDARD / CONCEPTUAL UNDERSTANDING	8P.D.4.	Recognize and analyze how characteristics (cultural, economic, and physical-environmental) of regions affect the history of the United States. <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol)

		The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
STRAND / DOMAIN / UNIFYING THEME	NY.8.	Grade 8: History of the United States and New York State II
CATEGORY / CLUSTER / KEY IDEA	8.7.	FOREIGN POLICY: The period after World War II has been characterized by an ideological and political struggle, first between the United States and communism during the Cold War, then between the United States and forces of instability in the Middle East. Increased economic interdependence and competition, as well as environmental concerns, are challenges faced by the United States. (Standards: 1, 2, 4, 5; Themes: TCC, GEO, ECO, EXCH)
STANDARD / CONCEPTUAL UNDERSTANDING	8.7b.	The United States based its military and diplomatic policies from 1945 to 1990 on a policy of containment of communism.
EXPECTATION / CONTENT SPECIFICATION	8.7b.1.	Students will examine the policy of containment and its application in the postwar period, including the Marshall Plan, the Korean War, the Cuban missile crisis, and the Vietnam War. <u>Virtual Field Trips</u> Exploring Cuba

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