

Main Criteria: New York State Learning Standards and Core Curriculum

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 7

Correlation Options: Show Correlated

New York State Learning Standards and Core Curriculum

Science

Grade: 7 - 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
UNDERSTANDI
NG

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

STRAND / DOMAIN / UNIFYING THEME	NY.MS.6.	Structure, Function, and Information Processing
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:

STANDARD /
CONCEPTUAL
UNDERSTANDI
NG

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.

Virtual Field Trips

Galapagos Islands

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
UNDERSTANDI
NG

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

STANDARD / CONCEPTUAL UNDERSTANDI NG	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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STRAND / DOMAIN / UNIFYING THEME	NY.MS.8.	Interdependent Relationships in Ecosystems
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:

STANDARD / CONCEPTUAL UNDERSTANDI NG	MS-LS2- 2.	Construct an explanation that predicts patterns of interactions among organisms in a variety of 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
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STANDARD / CONCEPTUAL UNDERSTANDI NG	MS-LS2- 5.	Evaluate competing design solutions for maintaining biodiversity and protecting ecosystem stability. 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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STRAND / DOMAIN / UNIFYING THEME	NY.MS.9.	Growth, Development, and Reproduction of Organisms
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:

STANDARD / CONCEPTUAL UNDERSTANDI NG	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
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STRAND / DOMAIN / UNIFYING THEME	NY.MS.12	History of Earth
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:

STANDARD / CONCEPTUAL UNDERSTANDI NG	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 - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
STANDARD / CONCEPTUAL UNDERSTANDI NG	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 - Alaska & Hawaii National Parks - Wyoming, Utah
STRAND / DOMAIN / UNIFYING THEME	NY.MS.13	Earth's Systems
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:
STANDARD / CONCEPTUAL UNDERSTANDI NG	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> Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
STANDARD / CONCEPTUAL UNDERSTANDI NG	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> Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California
STRAND / DOMAIN / UNIFYING THEME	NY.MS.14	Weather and Climate
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:
STANDARD / CONCEPTUAL UNDERSTANDI NG	MS- ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions. <u>Virtual Field Trips</u> Canada: Coast to Coast
STANDARD / CONCEPTUAL UNDERSTANDI NG	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

STANDARD / CONCEPTUAL UNDERSTANDI NG	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> Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado
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STRAND / DOMAIN / UNIFYING THEME	NY.MS.15	Human Impacts
CATEGORY / CLUSTER / KEY IDEA		Students who demonstrate understanding can:

STANDARD / CONCEPTUAL UNDERSTANDI NG	MS- ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment. <u>Virtual Field Trips</u> 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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STANDARD / CONCEPTUAL UNDERSTANDI NG	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> Amazon Rainforest - People and Threats - Grades 6-8
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**New York State Learning Standards and Core Curriculum
Social Studies**

Grade: 7 - Adopted: 2016/Revised 2017

STRAND / DOMAIN / UNIFYING THEME	NY.RH.5-8.	Reading Standards for Literacy in History/Social Studies
CATEGORY / CLUSTER / KEY IDEA		Craft and Structure

STANDARD / CONCEPTUAL UNDERSTANDI NG	RH.5-8.4.	Determine the meanings of words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies. <u>Virtual Field Trips</u> Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor
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STRAND / DOMAIN / UNIFYING THEME	NY.RH.5-8.	Reading Standards for Literacy in History/Social Studies
CATEGORY / CLUSTER / KEY IDEA		Integration of Knowledge and Ideas

STANDARD / CONCEPTUAL UNDERSTANDI NG	RH.5-8.7.	Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.
		<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 Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Barcelona Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba Galapagos Islands Jerusalem - Then and Now (6 - 8) 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 - 8 Rome - The Eternal City Tokyo - City of Contrasts Washington, DC - Grades 6 - 8

STRAND / DOMAIN / UNIFYING THEME	NY.7P.	Grade 7: Social Studies Practices
CATEGORY / CLUSTER / KEY IDEA	7P.B.	Chronological Reasoning

STANDARD / CONCEPTUAL UNDERSTANDI NG	7P.B.4.	Identify and analyze the relationship between multiple causes and multiple effects.
		<u>Virtual Field Trips</u> Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Rome - The Eternal City

STANDARD / CONCEPTUAL UNDERSTANDI NG	7P.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 China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Rome - The Eternal City
STANDARD / CONCEPTUAL UNDERSTANDI NG	7P.B.6.	Recognize, analyze, and evaluate dynamics of historical continuity and change over periods of time. <u>Virtual Field Trips</u> Ancient China - Qin & Han Dynasties Canada: Our Northern Neighbor
STANDARD / CONCEPTUAL UNDERSTANDI NG	7P.B.8.	Identify patterns of continuity and change as they relate to larger historical process and themes. <u>Virtual Field Trips</u> Ancient China - Qin & Han Dynasties Canada: Our Northern Neighbor
STRAND / DOMAIN / UNIFYING THEME	NY.7P.	Grade 7: Social Studies Practices
CATEGORY / CLUSTER / KEY IDEA	7P.C.	Comparison and Contextualization
STANDARD / CONCEPTUAL UNDERSTANDI NG	7P.C.2.	Identify and categorize multiple perspectives on a given historical experience. <u>Virtual Field Trips</u> Canada: Our Northern Neighbor
STANDARD / CONCEPTUAL UNDERSTANDI NG	7P.C.4.	Identify how the relationship between geography, economics, and history helps to define a context for events in the study of the United States. <u>Virtual Field Trips</u> Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties
STRAND / DOMAIN / UNIFYING THEME	NY.7P.	Grade 7: Social Studies Practices
CATEGORY / CLUSTER / KEY IDEA	7P.D.	Geographic Reasoning

STANDARD / CONCEPTUAL UNDERSTANDING	7P.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. Virtual Field Trips 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 - 8 Tokyo - City of Contrasts
STANDARD / CONCEPTUAL UNDERSTANDING	7P.D.4.	Recognize and analyze how characteristics (cultural, economic, and physical-environmental) of regions affect the history of the United States. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties
STANDARD / CONCEPTUAL UNDERSTANDING	7P.D.5.	Characterize and analyze changing interconnections between places and regions. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties
STANDARD / CONCEPTUAL UNDERSTANDING	7P.D.6.	Describe the spatial organization of place, considering the historical, social, political, and economic implication of that organization. Describe how boundaries and definition of location are historically constructed. Virtual Field Trips Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor
STRAND / DOMAIN / UNIFYING THEME	NY.7P.	Grade 7: Social Studies Practices
CATEGORY / CLUSTER / KEY IDEA	7P.F.	Civic Participation
STANDARD / CONCEPTUAL UNDERSTANDING	7P.F.3.	Identify and explain different types of political systems and ideologies used at various times in colonial history and the early history of the United States and explain the role of individuals and key groups in those political and social systems. Virtual Field Trips Washington, DC - Grades 6 - 8

STRAND / DOMAIN / UNIFYING THEME	NY.7.	History of the United States and New York State I
CATEGORY / CLUSTER / KEY IDEA	7.2.	COLONIAL DEVELOPMENTS: European exploration of the New World resulted in various interactions with Native Americans and in colonization. The American colonies were established for a variety of reasons and developed differently based on economic, social, and geographic factors. Colonial America had a variety of social structures under which not all people were treated equally. (Standards: 1, 2, 3, 4; Themes: MOV, GEO, ECO, TECH, EXCH)
STANDARD / CONCEPTUAL UNDERSTANDING	7.2a.	Social, economic, and scientific improvements helped European nations launch an Age of Exploration.

EXPECTATION / CONTENT SPECIFICATION 7.2a.2. Students will examine the voyage of Columbus, leading to the Columbian Exchange and the voyages of other explorers such as Champlain, Hudson, and Verrazano.

Virtual Field Trips

Canada: Our Northern Neighbor

STRAND / DOMAIN / UNIFYING THEME	NY.7.	History of the United States and New York State I
CATEGORY / CLUSTER / KEY IDEA	7.4.	HISTORICAL DEVELOPMENT OF THE CONSTITUTION: The newly independent states faced political and economic struggles under the Articles of Confederation. These challenges resulted in a Constitutional Convention, a debate over ratification, and the eventual adoption of the Bill of Rights. (Standards: 1, 5; Themes: GOV, CIV)
STANDARD / CONCEPTUAL UNDERSTANDING	7.4c.	Advocates for and against a strong central government were divided on issues of States rights, role/limits of federal power, and guarantees of individual freedoms. Compromises were needed between the states in order to ratify the Constitution.

EXPECTATION / CONTENT SPECIFICATION 7.4c.2. Students will examine how key issues were resolved during the Constitutional Convention, including: state representation in Congress (Great Compromise or bicameral legislature); the balance of power between the federal and state governments (establishment of the system of federalism); the prevention of parts of government becoming too powerful (the establishment of the three branches); the counting of the enslaved African American community for purposes of congressional representation and taxation (the Three-Fifths Compromise).

Virtual Field Trips

Washington, DC - Grades 6 - 8

STRAND / DOMAIN / UNIFYING THEME	NY.7.	History of the United States and New York State I
CATEGORY / CLUSTER / KEY IDEA	7.5.	THE CONSTITUTION IN PRACTICE: The United States Constitution serves as the foundation of the United States government and outlines the rights of citizens. The Constitution is considered a living document that can respond to political and social changes. The New York State Constitution also has been changed over time. (Standards: 1, 5; Themes: TCC, GOV, CIV)
STANDARD / CONCEPTUAL UNDERSTANDING	7.5b.	The Constitution established three branches of government as well as a system of checks and balances that guides the relationship between the branches. Individual rights of citizens are addressed in the Bill of Rights.

EXPECTATION / CONTENT SPECIFICATION 7.5b.1. Students will compare and contrast the powers granted to Congress, the president, and the Supreme Court by the Constitution.

Virtual Field Trips Washington,

DC - Grades 6 - 8