Main Crit eria: Rhode Island World-Class Standards Secondary Criteria: Virtual Field Trips Subjects:

Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

Rhode Island World-Class Standards

Science

Grade: 8 - Adopted: 2013

DOMAIN	NGSS.MS -PS.	PHYSICAL SCIENCE
STATEMENT OF ENDURING KNOWLEDGE	MS-PS1.	Matter and Its Interactions
GSE STEM		Students who demonstrate understanding can:

SPECIFIC INDICATOR

3.

MS-PS1- 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	NGSS.MS -LS.	LIFE SCIENCE
STATEMENT OF ENDURING KNOWLEDGE	MS-LS1.	From Molecules to Organisms: Structures and Processes
GSE STEM		Students who demonstrate understanding can:
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SPECIFIC INDICATOR

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

Virtual Field Trips

Galapagos Islands

DOMAIN	NGSS.MS -LS.	LIFE SCIENCE
STATEMENT OF ENDURING KNOWLEDGE	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
GSE STEM		Students who demonstrate understanding can:
SPECIFIC INDICATOR	MS-LS2- 2.	Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems. 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
SPECIFIC 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

SPECIFIC INDICATOR

4.

MS-LS2- 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

SPECIFIC INDICATOR

5.

MS-LS2- Evaluate competing design solutions for maintaining biodiversity and ecosystem services.

Virtual Field Trips

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

DOMAIN	NGSS.MS -ESS.	EARTH AND SPACE SCIENCE
STATEMENT OF ENDURING KNOWLEDGE	MS- ESS2.	Earth's Systems
GSE STEM		Students who demonstrate understanding can:
	140	

SPECIFIC **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

SPECIFIC 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

SPECIFIC 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

SPECIFIC 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 SPECIFIC MS- Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of INDICATOR ESS2-6. atmospheric and oceanic circulation that determine regional climates.

Virtual Field Trips
Galapagos Islands

DOMAIN	NGSS.MS -ESS.	EARTH AND SPACE SCIENCE
STATEMENT OF ENDURING KNOWLEDGE	MS- ESS3.	Earth and Human Activity
GSE STEM		Students who demonstrate understanding can:
SPECIFIC 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
SPECIFIC INDICATOR	MS- ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.
		Virtual Field Trips 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
SPECIFIC 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
SPECIFIC INDICATOR	MS- ESS3-5.	Amazon Rainforest - People and Threats - Grades 6-8 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

Rhode Island World-Class Standards Social Studies

Grade: 8 - Adopted: 2012

DOMAIN	RI.C&G.	Civics & Government
STATEMENT OF ENDURING KNOWLEDGE	C&G 1.	People create and change structures of power, authority, and governance in order to accomplish common goals.
GSE STEM	C&G 1 (7-8)-1.	Students demonstrate an understanding of origins, forms, and purposes of government by

SPECIFIC INDICATOR	C&G 1 (7-8)-1.a.	Identifying and explaining the origins and basic functions of government. Virtual Field Trips Canada: Our Northern Neighbor
SPECIFIC INDICATOR	C&G 1 (7-8)-1.b.	Comparing and contrasting different forms of government (e.g., dictatorship, democracy, theocracy, republic, monarchy). Virtual Field Trips Canada: Our Northern Neighbor
SPECIFIC INDICATOR	C&G 1 (7-8)-1.d.	Explaining how geography and economics influence the structure of government. Virtual Field Trips Ancient Egypt - Land of the Pharaohs Ancient Greece Ancient Mayan Civilization Canada: Our Northern Neighbor

DOMAIN	RI.C&G.	Civics & Government
STATEMENT OF ENDURING KNOWLEDGE	C&G 2.	The Constitution of the United States establishes a government of limited powers that are shared among different levels and branches.
GSE STEM	C&G 2 (7-8)-1.	Students demonstrate an understanding of United States government (local, state, national) by
SPECIFIC INDICATOR	C&G 2 (7-8)-1.a.	Identifying the functions of the three branches of government; and analyzing and describing the interrelationship among the branches (i.e., checks and balances/ cause and effect, separation of powers).

Virtual Field Trips

Washington, DC - Grades 6 - 8

DOMAIN	RI.C&G.	Civics & Government
STATEMENT OF ENDURING KNOWLEDGE	C&G 4.	People engage in political processes in a variety of ways.
GSE STEM	C&G 4 (7-8)-1.	Students demonstrate an understanding of political systems and political processes by
SPECIFIC	C&G 4	Evaluating the strengths and weaknesses of various political systems (e.g., dictatorship, oligarchy, monarchy,

INDICATOR (7-8)-1.c. democracy, theocracy).

Virtual Field Trips

Canada: Our Northern Neighbor

DOMAIN	RI.C&G.	Civics & Government
STATEMENT OF ENDURING KNOWLEDGE	C&G 5.	As members of an interconnected world community, the choices we make impact others locally, nationally, and globally.
GSE STEM	C&G 5 (7-8)-1.	Students demonstrate an understanding of the many ways Earth's people are interconnected by

SPECIFIC C&G 5 Tracing and explaining social, technological, geographical, economical, and cultural connections for a given INDICATOR (7-8)-1.a. society of people (e.g., trade, transportation, communication).

Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Ancient Greece

Canada: Our Northern Neighbor

Rome - The Eternal City

DOMAIN	RI.HP.	Historical Perspectives/Rhode Island History
STATEMENT OF ENDURING KNOWLEDGE	HP 1.	History is an account of human activities that is interpretive in nature.
GSE STEM	HP 1 (7- 8)-1.	Students act as historians, using a variety of tools (e.g., artifacts and primary and secondary sources) by
SPECIEIC	⊔D 1 (7	Acking and answering historical questions, evaluating sources of information, erganizing the information, and

SPECIFIC HP 1 (7-INDICATOR 8)-1.c.

Asking and answering historical questions, evaluating sources of information, organizing the information, and evaluating information in terms of relevance and comprehensiveness.

Virtual Field Trips

Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

Canada: Coast to Coast Rome - The Eternal City

OOMAIN	RI.HP.	Historical Perspectives/Rhode Island History
STATEMENT OF ENDURING KNOWLEDGE	HP 1.	History is an account of human activities that is interpretive in nature.
GSE STEM	HP 1 (7- 8)-2.	Students interpret history as a series of connected events with multiple cause-effect relationships, by

SPECIFIC HP 1 (7-INDICATOR 8)-2.a.

Investigating and analyzing historical and visual data in order to draw connections between a series of events.

Virtual Field Trips

Ancient Egypt - Land of the Pharaohs
Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

Canada: Coast to Coast Rome - The Eternal City

DOMAIN	RI.HP.	Historical Perspectives/Rhode Island History
STATEMENT OF ENDURING KNOWLEDGE	HP 2.	History is a chronicle of human activities, diverse people, and the societies they form.
GSE STEM	HP 2 (7- 8)-2.	Students chronicle events and conditions by

SPECIFIC HP 2 (7-**INDICATOR** 8)-2.a.

Identifying key events and people of a particular historical era or time period (e.g., centuries, BCE, "The

Virtual Field Trips

Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

Canada: Coast to Coast Rome - The Eternal City Washington, DC - Grades 6 - 8

SPECIFIC HP 2 (7-8)-2.b. INDICATOR

Correlating key events to develop an understanding of the historical perspective of the time period in which they occurred (e.g., Jacksonian Democracy and Dorr's Rebellion, water power and steam power, WWII and women at work).

Virtual Field Trips

Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

Canada: Coast to Coast Rome - The Eternal City

DOMAIN	RI.HP.	Historical Perspectives/Rhode Island History
STATEMENT OF ENDURING KNOWLEDGE	HP 3.	The study of history helps us understand the present and shape the future.
GSE STEM	HP 3 (7- 8)-2.	Students make personal connections in an historical context (e.g., source-to-source, source-to-self, source-to-world) by
SPECIFIC	HP 3 (7-	Comparing and contrasting the cultural influences that shape individuals and historical events (e.g., Conversion

INDICATOR 8)-2.c.

of Quakers from slave holders to abolitionists, emergence of mill villages, Gordon Trial).

Virtual Field Trips

Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

Canada: Coast to Coast Rome - The Eternal City

DOMAIN	RI.HP.	Historical Perspectives/Rhode Island History
STATEMENT OF ENDURING KNOWLEDGE	HP 4.	Historical events and human/natural phenomena impact and are influenced by ideas and beliefs.
GSE STEM	HP 4 (7- 8)-1.	Students demonstrate an understanding that geographic factors and shared past events affect human interactions and changes in civilizations by

SPECIFIC HP 4 (7-Citing specific evidence to explain how geographic factors impacted a civilization's adaptation, development **INDICATOR** 8)-1.a. or decline (e.g., Fertile Crescent, China, Westward Expansion). Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids **Ancient Greece Ancient Mayan Civilization Ancient Rome** HP 4 (7-Citing specific evidence from a society/civilization to explain how shared events affect how individuals and SPECIFIC INDICATOR 8)-1.b. societies adapt and change (e.g., language, religion, or customs).

<u>Virtual Field Trips</u>

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Our Northern Neighbor

DOMAIN	RI.HP.	Historical Perspectives/Rhode Island History
STATEMENT OF ENDURING KNOWLEDGE	HP 4.	Historical events and human/natural phenomena impact and are influenced by ideas and beliefs.
GSE STEM	HP 4 (7- 8)-2.	Students demonstrate an understanding that innovations, inventions, change, and expansion cause increased interaction among people (e.g., cooperation or conflict) by
SPECIFIC INDICATOR	HP 4 (7-8)-2.a.	Identifying and describing how traits of civilization develop in response to innovations, inventions, change and territorial expansion. Virtual Field Trips Ancient Greece Ancient Mayan Civilization
SPECIFIC INDICATOR	HP 4 (7-8)-2.c.	Describing how inventions and technological improvements (e.g., irrigation systems, road construction, science) relate to settlement, population growth, and success of a civilization/ country/ nation. Virtual Field Trips Ancient Greece

Ancient Greece

Ancient Mayan Civilization

DOMAIN	RI.HP.	Historical Perspectives/Rhode Island History
STATEMENT OF ENDURING KNOWLEDGE	HP 5.	Human societies and cultures develop and change in response to human needs and wants.
GSE STEM	HP 5 (7-	Students demonstrate an understanding that a variety of factors affect cultural diversity within a
002 01 2	8)-1.	society by

Virtual Field Trips

Canada: Our Northern Neighbor

DOMAIN	RI.HP.	Historical Perspectives/Rhode Island History
STATEMENT OF ENDURING KNOWLEDGE	HP 5.	Human societies and cultures develop and change in response to human needs and wants.

GSE STEM	HP 5 (7- 8)-2.	Students demonstrate an understanding that culture has affected how people in a society behave in relation to groups and their environment by
SPECIFIC INDICATOR	HP 5 (7- 8)-2.c.	Describing how environment (e.g., physical, cultural, etc.) or changes in that environment affects a civilization/country/nation (e.g., settlement, conflicts, transportation, climate change, commerce).
		Virtual Field Trips Canada: Coast to Coast

DOMAIN	RI.HP.	Historical Perspectives/Rhode Island History
STATEMENT OF ENDURING KNOWLEDGE	HP 5.	Human societies and cultures develop and change in response to human needs and wants.
GSE STEM	HP 5 (7- 8)-3.	Various perspectives have led individuals and/or groups to interpret events or phenomena differently and with historical consequences by
SPECIFIC INDICATOR	HP 5 (7- 8)-3.a.	Describing how and why various factors impact an individual or a group's perspective of events.

Virtual Field Trips
Canada: Our Northern Neighbor

Canada: Our Northern Neighbor

DOMAIN	RI.G.	Geography
STATEMENT OF ENDURING KNOWLEDGE	G 1.	The World in Spatial Terms: Understanding and interpreting the organization of people, places, and environments on Earth's surface provides an understanding of the world in spatial terms.
GSE STEM	G 1 (7- 8)-1.	Students understand maps, globes, and other geographic tools and technologies by

SPECIFIC G 1 (7-8)- Identifying and utilizing a variety of maps for different purposes. INDICATOR 1.a.

Virtual Field Trips

Canada: Coast to Coast

Canada: Our Northern Neighbor

DOMAIN	RI.G.	Geography
STATEMENT OF ENDURING KNOWLEDGE	G 1.	The World in Spatial Terms: Understanding and interpreting the organization of people, places, and environments on Earth's surface provides an understanding of the world in spatial terms.
GSE STEM	G 1 (7- 8)-2.	Students interpret the characteristics and features of maps by

SPECIFIC G 1 (7-8)- Analyzing multiple maps (e.g., physical, political, historical) to draw inferences about the development of INDICATOR 2.a. societies.

Virtual Field Trips

Canada: Coast to Coast

Canada: Our Northern Neighbor

DOMAIN	RI.G.	Geography
STATEMENT OF ENDURING KNOWLEDGE	G 2.	Places and Regions: Physical and human characteristics (e.g., culture, experiences, etc.) influence places and regions.
GSE STEM	G 2 (7- 8)-1.	Students understand the physical and human characteristics of places by

SPECIFIC INDICATOR

G 2 (7-8)- Explaining and/or connecting how and why the geographical features influenced population settlement and development of cultures (e.g., customs, language, religion, and organization).

Virtual Field Trips

Canada: Coast to Coast Canada: Our Northern Neighbor

DOMA	IN	RI.G.	Geography
OF EN	EMENT NDURING WLEDGE	G 2.	Places and Regions: Physical and human characteristics (e.g., culture, experiences, etc.) influence places and regions.
GSE S	STEM	G 2 (7- 8)-2.	Students distinguish between regions and places by

SPECIFIC

G 2 (7-8)- Analyzing and explaining the geographical influences that shape regions and places.

INDICATOR 2.a.

Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

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

DOMAIN	RI.G.	Geography
STATEMENT OF ENDURING KNOWLEDGE	G 2.	Places and Regions: Physical and human characteristics (e.g., culture, experiences, etc.) influence places and regions.
GSE STEM	G 2 (7- 8)-3.	Students understand different perspectives that individuals/ groups have by

SPECIFIC INDICATOR

3.a.

G 2 (7-8)- Analyzing and explaining how geography influences cultural perspectives and experiences and shapes how people view and respond to problems differently (e.g., urban vs. rural).

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Our Northern Neighbor

DOMAIN	RI.G.	Geography
STATEMENT OF ENDURING KNOWLEDGE	G 2.	Places and Regions: Physical and human characteristics (e.g., culture, experiences, etc.) influence places and regions.
GSE STEM	G 2 (7- 8)-4.	Students understand how geography contributes to how regions are defined / identified by

SPECIFIC

G 2 (7-8)- Understanding the difference between formal, vernacular, and functional regions.

INDICATOR 4.a.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Coast to Coast Canada: Our Northern Neighbor **SPECIFIC** G 2 (7-Categorizing and evaluating a variety of factors (e.g., culture, immigration) of a defined region. **INDICATOR** 8)-4.b. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor

DOMAIN	RI.G.	Geography
STATEMENT OF ENDURING KNOWLEDGE	G 3.	Human Systems: (Movement) Human systems and human movement affect and are affected by distribution of populations and resources, relationships (cooperation and conflict), and culture.
GSE STEM	G 3 (7- 8)-1.	Students understand why people do/do not migrate by

SPECIFIC

G 3 (7-8)- Analyzing how migration affects a population.

INDICATOR

1.a.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

DOMAIN	RI.G.	Geography
STATEMENT OF ENDURING KNOWLEDGE	G 3.	Human Systems: (Movement) Human systems and human movement affect and are affected by distribution of populations and resources, relationships (cooperation and conflict), and culture.
GSE STEM	G 3 (7- 8)-2.	Students understand the interrelationships of geography with resources by

SPECIFIC INDICATOR

2.a.

G 3 (7-8)- Analyzing how the abundance, depletion, use, and distribution of geographical resources impact the expansion and demise of societies/ civilizations.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Our Northern Neighbor

DOMAIN	RI.G.	Geography
STATEMENT OF ENDURING KNOWLEDGE	G 4.	Environment and Society: Patterns emerge as humans settle, modify, and interact on Earth's surface to limit or promote human activities.
GSE STEM	G 4 (7- 8)-3.	Students explain how human actions modify the physical environment by
SPECIFIC INDICATOR	G 4 (7- 8)-3.a.	Making predictions and drawing conclusions about the impact that human actions have on the physical environment.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

DOMAIN	RI.E.	Economics
STATEMENT OF ENDURING KNOWLEDGE	E 3.	Individuals, institutions and governments have roles in economic systems.
GSE STEM	E 3 (7- 8)-2.	Students demonstrate an understanding of the role of government in a global economy by

SPECIFIC E 3 (7-8)- Identifying and evaluating the benefits and cost of alternative public policies and assess who enjoys the INDICATOR 2.b. benefits and bears the cost.

Virtual Field Trips

Barcelona

Grade: 8 - Adopted: 2010

DOMAIN	RI.RH.6- 8.	Reading Standards for Literacy in History/Social Studies
STATEMENT OF ENDURING KNOWLEDGE		Craft and Structure
GSE STEM	RH.6-8.4.	Determine the meaning of words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies.
		Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor

	RI.RH.6- 8.	Reading Standards for Literacy in History/Social Studies
STATEMENT OF ENDURING KNOWLEDGE		Integration of Knowledge and Ideas

GSE STEM RH.6-8.7. Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.

Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

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 (Older Grades)

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