

Main Criteria: Washington State K-12 Learning Standards and Guidelines

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

Washington State K-12 Learning Standards and Guidelines

Science

Grade: 8 - Adopted: 2014

DOMAIN	WA.MS-PS.	PHYSICAL SCIENCE
BIG IDEA / CORE CONTENT	MS-PS1.	Matter and Its Interactions
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:

CONTENT
STANDARD /
PERFORMANCE
EXPECTATION

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	WA.MS-LS.	LIFE SCIENCE
BIG IDEA / CORE CONTENT	MS-LS1.	From Molecules to Organisms: Structures and Processes
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:

CONTENT
STANDARD /
PERFORMANCE
EXPECTATION

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	WA.MS-LS.	LIFE SCIENCE
BIG IDEA / CORE CONTENT	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:

CONTENT
STANDARD /
PERFORMANCE
EXPECTATION

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

CONTENT STANDARD / PERFORMANCE EXPECTATION	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> Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
CONTENT STANDARD / PERFORMANCE EXPECTATION	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> 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
CONTENT STANDARD / PERFORMANCE EXPECTATION	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services. <u>Virtual Field Trips</u> 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	WA.MS-ESS.	EARTH AND SPACE SCIENCE
BIG IDEA / CORE CONTENT	MS-ESS2.	Earth's Systems
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:

CONTENT STANDARD / PERFORMANCE EXPECTATION	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
CONTENT STANDARD / PERFORMANCE EXPECTATION	MS-ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time 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

CONTENT STANDARD / PERFORMANCE EXPECTATION	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
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CONTENT STANDARD / PERFORMANCE EXPECTATION	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
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CONTENT STANDARD / PERFORMANCE EXPECTATION	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. <u>Virtual Field Trips</u> Galapagos Islands
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DOMAIN	WA.MS- ESS.	EARTH AND SPACE SCIENCE
BIG IDEA / CORE CONTENT	MS- ESS3.	Earth and Human Activity
CORE CONTENT / CONTENT STANDARD		Students who demonstrate understanding can:

CONTENT STANDARD / PERFORMANCE EXPECTATION	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. <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
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CONTENT STANDARD / PERFORMANCE EXPECTATION	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> 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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CONTENT STANDARD / PERFORMANCE EXPECTATION	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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CONTENT STANDARD / PERFORMANCE EXPECTATION	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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Washington State K-12 Learning Standards and Guidelines

Social Studies

Grade: 8 - Adopted: 2019

DOMAIN		U.S. History
BIG IDEA / CORE CONTENT		Civics
CORE CONTENT / CONTENT STANDARD	C1:	Understands key ideals and principles of the United States, including those in the Declaration of Independence, Constitution, and other foundational documents.
CONTENT STANDARD / PERFORMANCE EXPECTATION		Enduring Understanding – Governing is a process that evolves over time, and the effort to build a “more perfect Union” is ongoing.

PERFORMANCE EXPECTATION C1.6-8.3. Explain key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness; the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty; and, the Bill of Rights, including due process and freedom of expression.

Virtual Field Trips

Washington, DC - Grades 6 - 8

DOMAIN		U.S. History
BIG IDEA / CORE CONTENT		Civics
CORE CONTENT / CONTENT STANDARD	C2:	Understands the purposes, organization, and function of governments, laws, and political systems.
CONTENT STANDARD / PERFORMANCE EXPECTATION		Enduring Understanding – The three branches of government of the U.S. provide for a system of checks and balances that defines specific responsibilities and limits on the powers of those branches.

PERFORMANCE EXPECTATION C2.6-8.3. Analyze the structure and powers of government at the national level.

Virtual Field Trips

Washington, DC - Grades 6 - 8

PERFORMANCE EXPECTATION C2.6-8.5. Evaluate the effectiveness of the system of checks and balances in the United States based on an event.

Virtual Field Trips

Washington, DC - Grades 6 - 8

DOMAIN		U.S. History
BIG IDEA / CORE CONTENT		Economics

CORE CONTENT / CONTENT STANDARD	E2:	Understands how economic systems function.
CONTENT STANDARD / PERFORMANCE EXPECTATION		Enduring Understanding – The free market economy of United States is driven by the exchange of goods and services, which has many influences. Most notable is the agreement by the producer and consumer on the value of the items to be exchanged.

PERFORMANCE EXPECTATION E2.6-8.6. Analyze how the forces of supply and demand have affected international trade in the United States in the past or present.

[Virtual Field Trips](#)

[Exploring Cuba](#)

DOMAIN		U.S. History
BIG IDEA / CORE CONTENT		Economics
CORE CONTENT / CONTENT STANDARD	E4:	Understands the economic issues and problems that all societies face.
CONTENT STANDARD / PERFORMANCE EXPECTATION		Enduring Understanding – Groups and individuals who control elements of trade tend to have an economic and political advantage over those who do not. Unequal distribution of wealth within a society creates distinct socio-economic classes. The managing of resources creates challenges for maintaining their lifestyle, or facing the possibility of societal strife.

PERFORMANCE EXPECTATION E4.6-8.6. Explain the costs and benefits of trade policies to individuals, businesses, and society in the United States.

[Virtual Field Trips](#)

[Exploring Cuba](#)

DOMAIN		U.S. History
BIG IDEA / CORE CONTENT		Geography
CORE CONTENT / CONTENT STANDARD	G1:	Understands the physical characteristics, cultural characteristics, and location of places, regions, and spatial patterns on the Earth's surface.
CONTENT STANDARD / PERFORMANCE EXPECTATION		Enduring Understanding – The United States is a geographically diverse nation with distinct physical and cultural regions whose characteristics have impacted the nation.

PERFORMANCE EXPECTATION	G1.6-8.5.	Explain and analyze physical and cultural characteristics of places and regions in the United States.
		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

PERFORMANCE EXPECTATION	G1.6-8.6.	Use maps, satellite images, photographs, and other representations to explain relationships between the locations of places and regions and their political, cultural, and economic dynamics.
		Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor

DOMAIN		U.S. History
BIG IDEA / CORE CONTENT		History
CORE CONTENT / CONTENT STANDARD	H4:	Understands how historical events inform analysis of contemporary issues and events. Enduring Understanding – By analyzing and interpreting historical materials, historians can identify multiple causal factors that shape major events in United States history.

CONTENT STANDARD / PERFORMANCE EXPECTATION	H4.6-8.3.	Analyze how a historical event in United States history helps us to understand contemporary issues and events.
		Virtual Field Trips Washington, DC - Grades 6 - 8