

**Main Criteria:** Washington DC Academic Standards

**Secondary Criteria:** Social Studies Online

**Subjects:** Science, Social Studies

**Grade:** 7

**Correlation Options:** Show Correlated

**Washington DC Academic Standards**

**Science**

Grade: 7 - Adopted: 2013

CONTENT STANDARD / STRAND / DISCIPLINE	DC.MS-PS.	PHYSICAL SCIENCE
STANDARD / ESSENTIAL SKILL	MS-PS1.	Matter and Its Interactions
STUDENT EXPECTATION / ESSENTIAL SKILL		Students who demonstrate understanding can:

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

**Social Studies Online**

Amazon Rainforest - People and Threats - Grades 6-8

CONTENT STANDARD / STRAND / DISCIPLINE	DC.MS-LS.	LIFE SCIENCE
STANDARD / ESSENTIAL SKILL	MS-LS1.	From Molecules to Organisms: Structures and Processes
STUDENT EXPECTATION / ESSENTIAL SKILL		Students who demonstrate understanding can:

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

**Social Studies Online**

Galapagos Islands

CONTENT STANDARD / STRAND / DISCIPLINE	DC.MS-LS.	LIFE SCIENCE
STANDARD / ESSENTIAL SKILL	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
STUDENT EXPECTATION / ESSENTIAL SKILL		Students who demonstrate understanding can:

EXPECTATION	MS-LS2-2.	Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.  <b><u>Social Studies Online</u></b> 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
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.  <b><u>Social Studies Online</u></b> Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
EXPECTATION	MS-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.  <b><u>Social Studies Online</u></b> 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
EXPECTATION	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services.  <b><u>Social Studies Online</u></b> 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

CONTENT STANDARD / STRAND / DISCIPLINE	DC.MS-ESS.	EARTH AND SPACE SCIENCE
STANDARD / ESSENTIAL SKILL	MS-ESS2.	Earth's Systems
STUDENT EXPECTATION / ESSENTIAL SKILL		Students who demonstrate understanding can:

EXPECTATION	MS-ESS2-1.	Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process.  <b><u>Social Studies Online</u></b> Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
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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.  <a href="#">Social Studies Online</a> <a href="#">National Parks - Alaska &amp; Hawaii</a> <a href="#">National Parks - Nevada, California</a> <a href="#">National Parks - Washington, Oregon, Idaho, Montana, Colorado</a> <a href="#">National Parks - Wyoming, Utah</a>
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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.  <a href="#">Social Studies Online</a> <a href="#">National Parks - Alaska &amp; Hawaii</a> <a href="#">National Parks - Wyoming, Utah</a>
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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.  <a href="#">Social Studies Online</a> <a href="#">Canada: Coast to Coast</a>
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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.  <a href="#">Social Studies Online</a> <a href="#">Galapagos Islands</a>
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CONTENT STANDARD / STRAND / DISCIPLINE	DC.MS-ESS.	EARTH AND SPACE SCIENCE
STANDARD / ESSENTIAL SKILL	MS-ESS3.	Earth and Human Activity
STUDENT EXPECTATION / ESSENTIAL SKILL		Students who demonstrate understanding can:

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.  <a href="#">Social Studies Online</a> <a href="#">Amazon Rainforest - People and Threats - Grades 6-8</a> <a href="#">Canada: Coast to Coast</a> <a href="#">Canada: Our Northern Neighbor</a> <a href="#">National Parks - Alaska &amp; Hawaii</a> <a href="#">National Parks - Nevada, California</a>
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EXPECTATION	MS-ESS3-3.	<p>Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.</p> <p><b><u>Social Studies Online</u></b>  <a href="#">African Safari</a>  <a href="#">Amazon Rainforest - People and Threats - Grades 6-8</a>  <a href="#">Canada: Coast to Coast</a>  <a href="#">Galapagos Islands</a>  <a href="#">National Parks - Alaska &amp; Hawaii</a>  <a href="#">National Parks - Nevada, California</a>  <a href="#">National Parks - Washington, Oregon, Idaho, Montana, Colorado</a>  <a href="#">National Parks - Wyoming, Utah</a></p>
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EXPECTATION	MS-ESS3-4.	<p>Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.</p> <p><b><u>Social Studies Online</u></b>  <a href="#">Amazon Rainforest - People and Threats - Grades 6-8</a></p>
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EXPECTATION	MS-ESS3-5.	<p>Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.</p> <p><b><u>Social Studies Online</u></b>  <a href="#">Canada: Coast to Coast</a>  <a href="#">National Parks - Washington, Oregon, Idaho, Montana, Colorado</a></p>
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**Washington DC Academic Standards**

**Social Studies**

Grade: 7 - Adopted: 2023

CONTENT STANDARD / STRAND / DISCIPLINE		Grade 7: US History I – Indigenous Nations through Reconstruction
STANDARD / ESSENTIAL SKILL	3	A Newly Formed, Diverse Nation: Confederation to Constitution (1770s-1800s)

STUDENT EXPECTATION / ESSENTIAL SKILL	7.37.	<p>Explain the structure, power and function of the federal government created by the Constitution, including key constitutional principles such as the division of power between federal and state government, the creation of checks and balances, the sovereignty of the people, limited government, and judicial independence.</p> <p><b><u>Social Studies Online</u></b>  <a href="#">Washington, DC - Grades 6 - 12</a></p>
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STUDENT EXPECTATION / ESSENTIAL SKILL	7.41.	<p>Analyze the political debate regarding the location of the national capital, the compromise that led to the establishment of the District of Columbia and the consequences for DC residents.</p> <p><b><u>Social Studies Online</u></b>  <a href="#">Washington, DC - Grades 6 - 12</a></p>
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