

**Main Criteria:** Hawaii Content and Performance Standards

**Secondary Criteria:** Social Studies Online

**Subjects:** Science, Social Studies

**Grade:** 8

**Correlation Options:** Show Correlated

**Hawaii Content and Performance Standards**

**Science**

Grade: 8 - Adopted: 2016

CONTENT STANDARD / COURSE	NGSS.MS-PS.	PHYSICAL SCIENCE
STANDARD / PERFORMANCE INDICATOR / DOMAIN	MS-PS1.	Matter and Its Interactions
INDICATOR / GRADE LEVEL EXPECTATION / BENCHMARK		Students who demonstrate understanding can:

EXPECTATION / TOPIC      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 / COURSE	NGSS.MS-LS.	LIFE SCIENCE
STANDARD / PERFORMANCE INDICATOR / DOMAIN	MS-LS1.	From Molecules to Organisms: Structures and Processes
INDICATOR / GRADE LEVEL EXPECTATION / BENCHMARK		Students who demonstrate understanding can:

EXPECTATION / TOPIC      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 / COURSE	NGSS.MS-LS.	LIFE SCIENCE
STANDARD / PERFORMANCE INDICATOR / DOMAIN	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
INDICATOR / GRADE LEVEL EXPECTATION / BENCHMARK		Students who demonstrate understanding can:

EXPECTATION / TOPIC	MS-LS2-2.	Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.  <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
EXPECTATION / TOPIC	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 / TOPIC	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 / TOPIC	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services.  <b><u>Social Studies Online</u></b> 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 / COURSE	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
STANDARD / PERFORMANCE INDICATOR / DOMAIN	MS-ESS2.	Earth's Systems
INDICATOR / GRADE LEVEL EXPECTATION / BENCHMARK		Students who demonstrate understanding can:

EXPECTATION / TOPIC	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 / TOPIC	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 / TOPIC	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 / TOPIC	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 / TOPIC	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 / COURSE	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
STANDARD / PERFORMANCE INDICATOR / DOMAIN	MS-ESS3.	Earth and Human Activity
INDICATOR / GRADE LEVEL EXPECTATION / BENCHMARK		Students who demonstrate understanding can:

EXPECTATION / TOPIC	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 / TOPIC	MS-ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.  <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="#">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>
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EXPECTATION / TOPIC	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.  <b><u>Social Studies Online</u></b> Amazon Rainforest - People and Threats - Grades 6-8
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EXPECTATION / TOPIC	MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.  <b><u>Social Studies Online</u></b> Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado
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**Hawaii Content and Performance Standards**  
**Social Studies**  
Grade: 8 - Adopted: 2018

CONTENT STANDARD / COURSE		United States History: The Constitution Through Reconstruction
STANDARD / PERFORMANCE INDICATOR / DOMAIN		Anchor Standard 1: Developing Questions and Planning Inquiries

INDICATOR / GRADE LEVEL EXPECTATION / BENCHMARK	SS.6-8.1.1.	Create compelling questions representing key ideas of the disciplines  <b><u>Social Studies Online</u></b> 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
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INDICATOR / GRADE LEVEL EXPECTATION / BENCHMARK	SS.6-8.1.3.	Create supporting questions that address key ideas identified in compelling questions  <b><u>Social Studies Online</u></b> 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
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