Main Criteria: Alaska Content and Performance Standards

Secondary Criteria: Social Studies Online

Subjects: Science, Social Studies Grade: 8

Correlation Options: Show Correlated

Alaska Content and Performance Standards Science

Grade: 8 - Adopted: 2019

PERFORMANCE / CONTENT ST ANDARD	MIDDLE SCHOOL PHYSICAL SCIENCES
GRADE LEVEL EXPECTATION / STRAND	Structure and Properties of Matter

GOAL

MS-PS1- Collect information that supports the idea that synthetic materials come from the use of natural resources, and

analyze the positive and negative effects of use and development of synthetics on society.

Social Studies Online

Amazon Rainforest - People and Threats - Grades 6-8

PERFORMANCE / CONTENT STANDARD		MIDDLE SCHOOL LIFE SCIENCES
GRADE LEVEL EXPECTATION / STRAND		Matter and Energy in Organisms and Ecosystems
GOAL	MS-LS2- 3.	Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem. Social Studies Online Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
GOAL	MS-LS2- 4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations. Social Studies Online 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

PERFORMANCE / CONTENT STANDARD	MIDDLE SCHOOL LIFE SCIENCES
GRADE LEVEL EXPECTATION / STRAND	Interdependent Relationships in Ecosystems

GOAL	MS-LS2- 2.	Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.
		Social Studies Online
		Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8
		Canada: Coast to Coast
		Galapagos Islands
		National Parks - Alaska & Hawaii
GOAL	MS-LS2- 5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services.
		Social Studies Online
		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
PERFORMANCE / CONTENT		MIDDLE SCHOOL LIFE SCIENCES
STANDARD		
GRADE LEVEL		Growth, Development, and Reproduction of Organisms
EXPECTATION / STRAND		
GOAL		Construct a scientific explanation based on evidence for how environmental and genetic factors influence the
	5.	growth of organisms.
		Social Studies Online
		Galapagos Islands
PERFORMANCE		MIDDLE SCHOOL EARTH AND SPACE SCIENCES
/ CONTENT STANDARD		
GRADE LEVEL EXPECTATION		History of Earth
/ STRAND		
GOAL	MS-	Construct and present an evidence-based explanation of how geoscience processes have changed Earth's
	ESS2-2.	surface at varying time and spatial scales.
		Social Studies Online
		National Parks - Alaska & Hawaii
		National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado
		National Parks - Wyoming, Utah
GOAL	MS-	Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to
	ESS2-3.	provide evidence of the past plate motions.
		Social Studies Online
		National Parks - Alaska & Hawaii
		National Parks - Wyoming, Utah
PERFORMANCE		MIDDLE SCHOOL EARTH AND SPACE SCIENCES
/ CONTENT STANDARD		

GRADE LEVEL EXPECTATION		Earth's Systems
/ STRAND		
GOAL	MS- ESS2-1.	Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process.
	L002 1.	Social Studies Online
		Amazon Rainforest - People and Threats - Grades 6-8
		Galapagos Islands
GOAL	MS- ESS3-1.	Construct an evidence-based explanation for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes.
		Social Studies Online
		Amazon Rainforest - People and Threats - Grades 6-8
		Canada: Coast to Coast
		Canada: Our Northern Neighbor
		National Parks - Alaska & Hawaii
		National Parks - Nevada, California
PERFORMANCE / CONTENT STANDARD		MIDDLE SCHOOL EARTH AND SPACE SCIENCES
GRADE LEVEL EXPECTATION / STRAND		Weather and Climate
GOAL	MS- ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses result in changes in weather conditions. Social Studies Online
		Canada: Coast to Coast
GOAL	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.
		Social Studies Online Galapagos Islands
GOAL	MS- ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.
		Social Studies Online
		Canada: Coast to Coast
		National Parks - Washington, Oregon, Idaho, Montana, Colorado
PERFORMANCE / CONTENT ST ANDARD		MIDDLE SCHOOL EARTH AND SPACE SCIENCES
GRADE LEVEL EXPECTATION / STRAND		Human Impacts

GOAL MS-Apply scientific principles to design a method for monitoring and minimizing a human impact on the ESS3-3. Social Studies Online 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 **GOAL** MS-Construct an argument supported by evidence for how increases in human population and per-capita ESS3-4. consumption of natural resources impact Earth's systems. Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8 Alaska Content and Performance Standards Social Studies Grade: 8 - Adopted: 2016 Geography: A student should be able to make and use maps, globes, and graphs to gather, analyze, and report spatial (geographic) information. A student who meets the content standard PERFORMANCE AK.A. CONTENT STANDARD should:

GRADE LEVEL A.1. Use maps and globes to locate places and regions. EXPECTATION / **STRAND** Social Studies Online Canada: Coast to Coast Canada: Our Northern Neighbor GRADE LEVEL A.4. Use graphic tools and technologies to depict and interpret the world's human and physical systems. EXPECTATION / STRAND Social Studies Online Canada: Coast to Coast Canada: Our Northern Neighbor

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

National Parks - Wyoming, Utah Paris - City of Light - Grades 6 - 12

Tokyo - City of Contrasts

GRADE LEVEL EXPECTATION / STRAND A.5.

Evaluate the importance of the locations of human and physical features in interpreting geographic patterns.

Social Studies Online

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 - 12

Tokyo - City of Contrasts

PERFORMANCE / CONTENT STANDARD	AK.B.	Geography: A student should be able to utilize, analyze, and explain information about the human and physical features of places and regions. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	B.1.	Know that places have distinctive geographic characteristics. Social Studies Online 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 - 12 Tokyo - City of Contrasts
GRADE LEVEL EXPECTATION / STRAND	B.2.	Analyze how places are formed, identified, named, and characterized. Social Studies Online Canada: Coast to Coast Canada: Our Northern Neighbor
GRADE LEVEL EXPECTATION / STRAND	B.3.	Relate how people create similarities and differences among places. Social Studies Online Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8
GRADE LEVEL EXPECTATION / STRAND	B.4.	Discuss how and why groups and individuals identify with places. Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor
GRADE LEVEL EXPECTATION / STRAND	B.5.	Describe and demonstrate how places and regions serve as cultural symbols, such as the Statue of Liberty. Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor
GRADE LEVEL EXPECTATION / STRAND	B.6.	Make informed decisions about where to live, work, travel, and seek opportunities. Social Studies Online Canada: Coast to Coast Canada: Our Northern Neighbor

Canada: Our Northern Neighbor

GRADE LEVEL EXPECTATION / **STRAND**

B.7.

Understand that a region is a distinct area defined by one or more cultural or physical features.

Social Studies Online

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 - 12

Tokyo - City of Contrasts

Washington, DC - Grades 6 - 12

PERFORMANCE CONTENT ST AND ARD

AK.C.

Geography: A student should understand the dynamic and interactive natural forces that shape the earth's environments. A student who meets the content standard should:

GRADE LEVEL EXPECTATION / **STRAND**

C.1.

Analyze the operation of the earth's physical systems, including ecosystems, climate systems, erosion systems, the water cycle, and tectonics.

Social Studies Online

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Coast to Coast

Exploring Cuba

Galapagos Islands

National Parks - Alaska & Hawaii

National Parks - Nevada, California

National Parks - Washington, Oregon, Idaho, Montana, Colorado

National Parks - Wyoming, Utah

GRADE LEVEL EXPECTATION / **STRAND**

C.3.

Recognize the concepts used in studying environments and recognize the diversity and productivity of different regional environments.

Social Studies Online

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Our Northern Neighbor

PERFORMANCE AK.D. CONTENT STANDARD

Geography: A student should understand and be able to interpret spatial (geographic) characteristics of human systems, including migration, movement, interactions of cultures, economic activities, settlement patterns, and political units in the state, nation, and world. A student who meets the content standard should:

GRADE LEVEL EXPECTATION / STRAND

D.1.

Know that the need for people to exchange goods, services, and ideas creates population centers, cultural interaction, and transportation and communication links.

Social Studies Online

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Our Northern Neighbor

GRADE LEVEL EXPECTATION / STRAND

D.3.

Interpret population characteristics and distributions.

Social Studies Online

Canada: Our Northern Neighbor

GRADE LEVEL EXPECTATION / STRAND	D.5.	Analyze how conflict and cooperation shape social, economic, and political use of space. Social Studies Online Ancient Greece
PERFORMANCE / CONTENT ST ANDARD	AK.E.	Geography: A student should understand and be able to evaluate how humans and physical environments interact. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	E.1.	Understand how resources have been developed and used. Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor
GRADE LEVEL EXPECTATION / STRAND	E.2.	Recognize and assess local, regional, and global patterns of resource use. Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor
GRADE LEVEL EXPECTATION / STRAND	E.4.	Determine the influence of human perceptions on resource utilization and the environment. Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8
GRADE LEVEL EXPECTATION / STRAND	E.5.	Analyze the consequences of human modification of the environment and evaluate the changing landscape. Social Studies Online Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8
GRADE LEVEL EXPECTATION / STRAND	E.6.	Evaluate the impact of physical hazards on human systems. Social Studies Online Exploring Cuba
PERFORMANCE / CONTENT STANDARD	AK.F.	Geography: A student should be able to use geography to understand the world by interpreting the past, knowing the present, and preparing for the future. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	F.1.	Analyze and evaluate the impact of physical and human geographical factors on major historical events. Social Studies Online Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8
GRADE LEVEL EXPECTATION / STRAND	F.3.	Analyze resource management practices to assess their impact on future environmental quality. Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8
GRADE LEVEL EXPECTATION / STRAND	F.4.	Interpret demographic trends to project future changes and impacts on human environmental systems. Social Studies Online Canada: Our Northern Neighbor

PERFORMANCE / CONTENT STANDARD	AK.A.	Government and Citizenship: A student should know and understand how societies define authority, rights, and responsibilities through a governmental process. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	A.3.	Understand how nations organize their governments. Social Studies Online Canada: Our Northern Neighbor
GRADE LEVEL EXPECTATION / STRAND	A.4.	Compare and contrast how different societies have governed themselves over time and in different places. Social Studies Online Canada: Our Northern Neighbor
PERFORMANCE / CONTENT STANDARD	AK.B.	Government and Citizenship: A student should understand the constitutional foundations of the American political system and the democratic ideals of this nation. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	B.2.	Recognize American heritage and culture, including the republican form of government, capitalism, free enterprise system, patriotism, strong family units, and freedom of religion. Social Studies Online Washington, DC - Grades 6 - 12
GRADE LEVEL EXPECTATION / STRAND	B.3.	Understand the United States Constitution, including separation of powers, the executive, legislative, and judicial branches of government, majority rule, and minority rights. Social Studies Online Washington, DC - Grades 6 - 12
PERFORMANCE / CONTENT STANDARD	AK.F.	Government and Citizenship: A student should understand the economies of the United States and the state and their relationships to the global economy. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	F.10.	Understand how international trade works. Social Studies Online Exploring Cuba
PERFORMANCE / CONTENT STANDARD	AK.A.	History: A student should understand that history is a record of human experiences that links the past to the present and the future. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	A.5.	Understand that history is a narrative told in many voices and expresses various perspectives of historical experience. Social Studies Online Canada: Our Northern Neighbor
GRADE LEVEL EXPECTATION / STRAND	A.6.	Know that cultural elements, including language, literature, the arts, customs, and belief systems, reflect the ideas and attitudes of a specific time and know how the cultural elements influence human interaction. Social Studies Online Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor Exploring Cuba

Jerusalem - Then and Now (Older Grades)

GRADE LEVEL EXPECTATION / STRAND	A.7.	Understand that history is dynamic and composed of key turning points. Social Studies Online 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 Washington, DC - Grades 6 - 12
GRADE LEVEL EXPECTATION / STRAND	A.8.	Know that history is a bridge to understanding groups of people and an individual's relationship to society. Social Studies Online Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Rome - The Eternal City
GRADE LEVEL EXPECTATION / STRAND	A.9.	Understand that history is a fundamental connection that unifies all fields of human understanding and endeavor. Social Studies Online 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
PERFORMANCE / CONTENT STANDARD	AK.B.	History: A student should understand historical themes through factual knowledge of time, places ideas, institutions, cultures, people, and events. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	B.1.	Comprehend the forces of change and continuity that shape human history through the following persistent organizing themes:
GOAL	B.1.a.	The development of culture, the emergence of civilizations, and the accomplishments and mistakes of social organizations. Social Studies Online Ancient Egypt - Land of the Pharaohs

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

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

GOAL	B.1.b.	Human communities and their relationships with climate, subsistence base, resources, geography, and technology.
		Social Studies Online Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8
		Canada: Coast to Coast
		Canada: Our Northern Neighbor Exploring Cuba
GOAL	B.1.c.	The origin and impact of ideologies, religions, and institutions upon human societies.
		Social Studies Online
		Jerusalem - Then and Now (Older Grades)
GRADE LEVEL EXPECTATION / STRAND	B.3.	Recognize that historical understanding is relevant and valuable in the student's life and for participating in local, state, national, and global communities.
OTTOWN		Social Studies Online
		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
GRADE LEVEL EXPECTATION / STRAND	B.4.	Recognize the importance of time, ideas, institutions, people, places, cultures, and events in understanding large historical patterns.
STONE		Social Studies Online
		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
GRADE LEVEL EXPECTATION /	B.5.	Evaluate the influence of context upon historical understanding.
STRAND		Social Studies Online
		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
PERFORMANCE	AK.C.	History: A student should develop the skills and processes of historical inquiry. A student who
/ CONTENT STANDARD		meets the content standard should:

GRADE LEVEL EXPECTATION / **STRAND**

C.3.

Apply thinking skills, including classifying, interpreting, analyzing, summarizing, synthesizing, and evaluating, to understand the historical record.

Social Studies Online

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

GRADE LEVEL EXPECTATION / **STRAND**

C.4.

Use historical perspective to solve problems, make decisions, and understand other traditions.

Social Studies Online

Canada: Our Northern Neighbor

PERFORMANCE CONTENT **STANDARD**

AK.D.

History: A student should be able to integrate historical knowledge with historical skill to effectively participate as a citizen and as a lifelong learner. A student who meets the content standard should:

GRADE LEVEL EXPECTATION / **STRAND**

D.3.

Define a personal position on issues while understanding the historical aspects of the positions and roles assumed by others.

Social Studies Online

Canada: Our Northern Neighbor

GRADE LEVEL EXPECTATION / **STRAND**

D.6.

Create new approaches to issues by incorporating history with other disciplines, including economics, geography, literature, the arts, science, and technology.

Social Studies Online

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 - 12

Tokyo - City of Contrasts

Grade: 8 - Adopted: 2012

	AK.RH.6- 8.	Reading Standards for Literacy in History/Social Studies 6-12
GRADE LEVEL EXPECTATION / STRAND		Craft and Structure

GOAL

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.

Social Studies Online

Canada: Coast to Coast

Canada: Our Northern Neighbor

GOAL

RH.6-8.5. Describe how a text presents information (e.g., sequentially, comparatively, causally)

Social Studies Online

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

	AK.RH.6- 8.	Reading Standards for Literacy in History/Social Studies 6-12
GRADE LEVEL EXPECTATION / STRAND		Integration of Knowledge and Ideas

GOAL

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

Social Studies Online

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

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National Parks - Wyoming, Utah

Paris - City of Light - Grades 6 - 12

Rome - The Eternal City

Tokyo - City of Contrasts

Washington, DC - Grades 6 - 12