Main Criteria: New Hampshire College and Career Ready Standards

Secondary Criteria: Social Studies Online Subjects: Science, Social Studies

Grade: 6

Correlation Options: Show Correlated

New Hampshire College and Career Ready Standards

Science

Grade: 6 - Adopted: 2016

STRAND / STANDARD	NGSS.MS -PS.	PHYSICAL SCIENCE
STANDARD / GLE	MS-PS1.	Matter and Its Interactions
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

EXPECTATION

3.

MS-PS1- 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 2-5 Amazon Rainforest - People and Threats - Grades 6-8

STRAND / STANDARD	NGSS.MS -LS.	LIFE SCIENCE
STANDARD / GLE	MS-LS1.	From Molecules to Organisms: Structures and Processes
GRADE LEVEL EXPECT ATION		Students who demonstrate understanding can:
EXPECTATION	MS-LS1- 4.	Use argument based on empirical evidence and scientific reasoning to support an explanation for how characteristic animal behaviors and specialized plant structures affect the probability of successful reproduction of animals and plants respectively. Social Studies Online How Coral Reefs Are Formed
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 How Coral Reefs Are Formed
EXPECTATION	MS-LS1-	Gather and synthesize information that sensory receptors respond to stimuli by sending messages to the brain for immediate behavior or storage as memories.

Social Studies Online

Who Lives On a Coral Reef?

STRAND / STANDARD	NGSS.MS -LS.	LIFE SCIENCE
STANDARD / GLE	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

EXPECTATION

MS-LS2- Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.

2.

Social Studies Online

African Safari

Amazon Rainforest - Grades 2-5

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 2-5

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Coast to Coast

Galapagos Islands

How Coral Reefs Are Formed

National Parks - Alaska & Hawaii

The Sahara Desert

Who Lives On a Coral Reef?

EXPECTATION

MS-LS2- 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 2-5

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 2-5

Amazon Rainforest - People and Threats - Grades 6-8

Galapagos Islands

Who Lives On a Coral Reef?

EXPECTATION

4.

MS-LS2- 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 2-5

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 2-5

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Coast to Coast

Galapagos Islands

How Coral Reefs Are Formed

National Parks - Alaska & Hawaii

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

The Sahara Desert

Who Lives On a Coral Reef?

EXPECTATION

5.

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

Social Studies Online

African Safari

Amazon Rainforest - People and Threats - Grades 2-5

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

Who Lives On a Coral Reef?

STRAND / STANDARD	NGSS.MS -ESS.	EARTH AND SPACE SCIENCE
ST ANDARD / GLE	MS- ESS2.	Earth's Systems
GRADE LEVEL EXPECTATION		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. Social Studies Online Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
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. Social Studies Online National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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. Social Studies Online National Parks - Alaska & Hawaii National Parks - Wyoming, Utah
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. Social Studies Online Canada: Coast to Coast
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.

Social Studies Online

Galapagos Islands

STRAND / STANDARD	NGSS.MS -ESS.	EARTH AND SPACE SCIENCE
STANDARD / GLE	MS- ESS3.	Earth and Human Activity
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

ESS3-1. energy, and groundwater resources are the result of past and current geoscience processes.

Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral,

Social Studies Online

EXPECTATION

MS-

Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8

Canada: Coast to Coast

Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California

The Sahara Desert

EXPECTATION MS-Apply scientific principles to design a method for monitoring and minimizing a human impact on the ESS3-3. environment. Social Studies Online African Safari Amazon Rainforest - People and Threats - Grades 2-5 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 Who Lives On a Coral Reef? **EXPECTATION** 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 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Who Lives On a Coral Reef? **EXPECTATION** MS-Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past ESS3-5. century. Social Studies Online Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado

New Hampshire College and Career Ready Standards Social Studies

Who Lives On a Coral Reef?

Grade: 6 - Adopted: 2006

		Grade. 0 - Adopted. 2000
STRAND / STANDARD		Civics and Governments: The goal of Civics is to educate students to understand the purpose, structure, and functions of government; the political process; the rule of law; and world affairs. Civics builds on a foundation of history, geography, and economics to teach students to become responsible, knowledgeable citizens, committed to participation in public affairs.
STANDARD / GLE	SS:CV:1	The Nature and Purpose of Government: Students will demonstrate an understanding of the nature of governments, and the fundamental ideals of government of the United States.
GRADE LEVEL EXPECTATION	SS:CV:6: 1.1:	Apply the ideals and principles of the American system of government to historic and contemporary examples, e.g., individual rights and responsibilities, minority rights, or equality of opportunity and equal protection under the law. Social Studies Online Washington, DC - Grades 6 - 12
GRADE LEVEL EXPECTATION	SS:CV:6: 1.4:	Differentiate among the major forms of limited and unlimited governments, e.g., monarchy, oligarchy, or democracy. Social Studies Online Canada: Our Northern Neighbor
STRAND / STANDARD		Civics and Governments: The goal of Civics is to educate students to understand the purpose, structure, and functions of government; the political process; the rule of law; and world affairs. Civics builds on a foundation of history, geography, and economics to teach students to become responsible, knowledgeable citizens, committed to participation in public affairs.

ST ANDARD / GLE	SS:CV:3	The World and the United States' Place In It: Students will demonstrate an understanding of the relationship of the United States to other countries, and the role of the United States in world affairs.
GRADE LEVEL EXPECTATION	SS:CV:6: 3.1:	Identify other countries in the world and their different forms of government, e.g., monarchy, oligarchy, or democracy.
		Social Studies Online Canada: Our Northern Neighbor
GRADE LEVEL EXPECTATION	SS:CV:6: 3.3:	Discuss the reasons for conflicts between and among countries and peoples, e.g., natural resources or religion.
		Social Studies Online Ancient China - Qin & Han Dynasties
		Ancient China - Shang & Zhou Dynasties Ancient Greece
STRAND / STANDARD		Economics: Economics is the study of the allocation and utilization of limited resources to meet society's unlimited needs and wants, including how goods and services are produced and distributed. Through economics, students examine the relationship between costs and benefits. They develop an understanding of basic economic concepts; economics in history; how economics affects and is affected by the individual; cycles in the economy; financial institutions and government; and international economics and trade. The goal of economic education is to prepare students to make effective decisions as consumers, producers, savers, investors, and as citizens.
STANDARD / GLE	SS:EC:2	Basic Economic Concepts: Students will learn about the pillars of a free market economy and the market mechanism.
GRADE LEVEL EXPECTATION	SS:EC:6: 2.2:	Identify the factors of production, e.g., entrepreneurship, human resources, capital resources, and natural resources.
		Social Studies Online Amazon Rainforest - Grades 2-5

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 6-8

STRAND / STANDARD		Geography: The real crux of geography is understanding our physical Earth and human- environment interaction: knowing why people settle in an area, how they make their living and the resources they use, why they dress or speak the way they do, and what they do for entertainment. A geographically informed person can draw connections between locations of the Earth, recognize complex regional patterns, and appreciate the influence of place on human development.
STANDARD / GLE	SS:GE:1	The World in Spatial Terms: Students will demonstrate the ability to use maps, mental maps, globes, and other graphic tools and technologies to acquire, process, report, and analyze geographic information.

EXPECTATION 1.2: absolute location

GRADE LEVEL

SS:GE:6: Apply the spatial concepts of location, distance, direction, scale, movement, and region, e.g., the relative and absolute location of the student's community, or the diffusion of the English language to the United States.

Social Studies Online

African Safari

Ancient China - Qin & Han Dynasties

Canada: Coast to Coast

Canada: Our Northern Neighbor

Exploring Cuba

How Coral Reefs Are Formed

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

The Sahara Desert

Tokyo - City of Contrasts

Who Lives On a Coral Reef?

GRADE LEVEL EXPECTATION

1.3:

SS:GE:6: Utilize maps, globes, graphs, charts, models, and databases to analyze spatial distributions and patterns, e.g., climate zones, natural resources, or population density.

Social Studies Online

African Safari

Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Ancient China - Qin & Han Dynasties

Canada: Coast to Coast

Canada: Our Northern Neighbor

Exploring Cuba The Sahara Desert

STRAND / STANDARD		Geography: The real crux of geography is understanding our physical Earth and human- environment interaction: knowing why people settle in an area, how they make their living and the resources they use, why they dress or speak the way they do, and what they do for entertainment. A geographically informed person can draw connections between locations of the Earth, recognize complex regional patterns, and appreciate the influence of place on human development.
STANDARD / GLE	SS:GE:2 :	Places and Regions: Students will demonstrate an understanding of the physical and human geographic features that define places and regions as well as how culture and experience influence people's perceptions of places and regions.

GRADE LEVEL

SS:GE:6: Describe how places and regions preserve culture, e.g., songs or traditions.

EXPECTATION 2.2:

Social Studies Online

Amazon Rainforest - Grades 2-5

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8

Ancient China - Qin & Han Dynasties Canada: Our Northern Neighbor

Exploring Cuba

STRAND STANDAF		Geography: The real crux of geography is understanding our physical Earth and human- environment interaction: knowing why people settle in an area, how they make their living and the resources they use, why they dress or speak the way they do, and what they do for entertainment. A geographically informed person can draw connections between locations of the Earth, recognize complex regional patterns, and appreciate the influence of place on human development.
ST ANDA GLE	RD / SS:GE:	Physical Systems: Students will demonstrate an understanding of the physical processes that shape the patterns of Earth's surface and the characteristics and spatial distribution of ecosystems.

GRADE LEVEL

SS:GE:6: Describe how physical processes shape patterns in the physical environment, e.g., El Nino or erosion.

EXPECTATION 3.1:

Social Studies Online

National Parks - Wyoming, Utah

GRADE LEVEL SS:GE:6: Explain how human activities influence changes in ecosystems, e.g., the introduction of exotic species. **EXPECTATION** 3.4: Social Studies Online African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands How Coral Reefs Are Formed National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah The Sahara Desert Who Lives On a Coral Reef? STRAND / Geography: The real crux of geography is understanding our physical Earth and human-STANDARD environment interaction: knowing why people settle in an area, how they make their living and the resources they use, why they dress or speak the way they do, and what they do for entertainment. A geographically informed person can draw connections between locations of the Earth, recognize complex regional patterns, and appreciate the influence of place on human development. STANDARD / SS:GE:4 Human Systems: Students will demonstrate an understanding of human migration; the complexity **GLE** of cultural mosaics; economic interdependence; human settlement patterns; and the forces of cooperation and conflict among peoples. GRADE LEVEL SS:GE:6: Recognize the demographic structure of a population and its underlying causes, e.g., birth rate, ethnic EXPECTATION 4.1: composition, or distribution of wealth. Social Studies Online Canada: Our Northern Neighbor **GRADE LEVEL** SS:GE:6: Know the types and historical patterns of human migration, e.g., ethnic cleansing, overcoming physical barriers, EXPECTATION 4.2: Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8 GRADE LEVEL SS:GE:6: Analyze the spatial patterns of settlement, e.g., urbanization along river, agriculture on fertile plains, or nomadic EXPECTATION lifestyles in steppes and deserts. 4.4: Social Studies Online Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor **GRADE LEVEL** SS:GE:6: Know the functions, sizes, and spatial arrangements of settlement, e.g., urban, suburban and rural. EXPECTATION 4.5: Social Studies Online Barcelona London - City of Pomp & Majesty Paris - City of Light - Grades 6 - 12 Tokyo - City of Contrasts Washington, DC - Grades 6 - 12 STRAND / Geography: The real crux of geography is understanding our physical Earth and human \cdot STANDARD environment interaction: knowing why people settle in an area, how they make their living and the resources they use, why they dress or speak the way they do, and what they do for entertainment. A geographically informed person can draw connections between locations of the Earth, recognize complex regional patterns, and appreciate the influence of place on human development.

STANDARD / GLE	SS:GE:5	Environment and Society: Students will demonstrate an understanding of the connections and consequences of the interactions between Earth's physical and human systems.
GRADE LEVEL EXPECTATION	SS:GE:6: 5.1:	Understand the consequences of human modification of the physical environment, e.g., coastal development or forest management.
		Social Studies Online Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8
STRAND / STANDARD		New Hampshire and United States History: The study of New Hampshire and United States History is important in helping citizens understand and appreciate the legacy of our republic, and to develop the empathy and analytical skills needed to participate intelligently and responsibly in our ongoing democratic experiment. Historical study exposes students to the enduring themes and issues of our past and emboldens them to courageously and compassionately meet the contemporary challenges they will face as individuals in a state, a country and an interdependent world. Ultimately, the study of history will help students plan and implement responsible actions that support and enhance our collective values.
STANDARD / GLE	SS:HI:5:	Social/Cultural: Students will demonstrate an understanding of the interaction of various social groups, including their values, beliefs and practices, over time.
GRADE LEVEL EXPECTATION	SS:HI:6:5 .1:	Explain the impact ethnic and religious groups have had on the development of the United States, e.g., the Irish or the Mormons.
		Social Studies Online National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
STRAND / STANDARD		World History and Contemporary Issues: The study of World History and Contemporary Issues is important in helping citizens understand and appreciate the contemporary challenges they will face as individuals in an interdependent, increasingly connected world. Knowledge of past achievements and failures of different peoples and nations provides citizens of the 21st century with a broader context within which to address the many issues facing our nation and the world. World History fosters an appreciation of the roots of our nation's values and the values and perspectives of other peoples. It illustrates how humans have expressed themselves in different surroundings and at different times, revealing the many commonalties and differences shared by the world's peoples past and present.
STANDARD / GLE	SS:WH:1	Political Foundations and Developments: Students will demonstrate an understanding of major events, ideas and issues pertaining to the history of governance.
GRADE LEVEL EXPECTATION	SS:WH:6: 1.1:	Describe different types of political systems created by people, e.g., the tribe, the empire or the nation-state. Social Studies Online Ancient China - Qin & Han Dynasties Ancient Egypt - Land of the Pharaohs Ancient Greece Ancient Mayan Civilization Canada: Coast to Coast Canada: Our Northern Neighbor
STRAND / STANDARD		World History and Contemporary Issues: The study of World History and Contemporary Issues is important in helping citizens understand and appreciate the contemporary challenges they will face as individuals in an interdependent, increasingly connected world. Knowledge of past achievements and failures of different peoples and nations provides citizens of the 21st century with a broader context within which to address the many issues facing our nation and the world. World History fosters an appreciation of the roots of our nation's values and the values and perspectives of other peoples. It illustrates how humans have expressed themselves in different surroundings and at different times, revealing the many commonalties and differences shared by the world's peoples past and present.
STANDARD / GLE	SS:WH:2	Contacts, Exchanges & International Relations: Students will demonstrate their understanding of the interactions of peoples and governments over time.

GRADE LEVEL EXPECTATION	SS:WH:6: 2.1:	Describe the impact of land and water routes on trade, e.g., the Silk Roads, the Atlantic Triangular Trade, or the Suez Canal. Social Studies Online Ancient China - Qin & Han Dynasties
GRADE LEVEL EXPECTATION	SS:WH:6: 2.2:	Explore the spread and impact of ideas and technology, e.g., the concept of zero, gunpowder or the transistor. Social Studies Online Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Ancient Greece Ancient Mayan Civilization
GRADE LEVEL EXPECTATION	SS:WH:6: 2.4:	Examine how military encounters have led to cultural exchange, e.g., Alexander of Macedonia, conquistadors in the New World, or 20th century Japanese imperialism in Asia Social Studies Online Ancient Greece Tokyo - City of Contrasts
STRAND / STANDARD		World History and Contemporary Issues: The study of World History and Contemporary Issues is important in helping citizens understand and appreciate the contemporary challenges they will face as individuals in an interdependent, increasingly connected world. Knowledge of past achievements and failures of different peoples and nations provides citizens of the 21st century with a broader context within which to address the many issues facing our nation and the world. World History fosters an appreciation of the roots of our nation's values and the values and perspectives of other peoples. It illustrates how humans have expressed themselves in different surroundings and at different times, revealing the many commonalties and differences shared by the world's peoples past and present.
STANDARD / GLE	SS:WH:3	World Views and Value systems and their Intellectual and Artistic Expressions: Students will demonstrate their understanding of conceptions of reality, ideals, guidelines of behavior and their forms of expression.
GRADE LEVEL EXPECTATION	SS:WH:6: 3.1:	Differentiate the spread of world religions, e.g., Judaism, Christianity, or Islam. Social Studies Online Jerusalem - Then and Now (Older Grades)
GRADE LEVEL EXPECTATION	SS:WH:6: 3.2:	Explore the development of education and its impact on societies, e.g., medicine in ancient Egypt or ancient Greece. Social Studies Online Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece
STRAND / STANDARD		World History and Contemporary Issues: The study of World History and Contemporary Issues is important in helping citizens understand and appreciate the contemporary challenges they will face as individuals in an interdependent, increasingly connected world. Knowledge of past achievements and failures of different peoples and nations provides citizens of the 21st century with a broader context within which to address the many issues facing our nation and the world. World History fosters an appreciation of the roots of our nation's values and the values and perspectives of other peoples. It illustrates how humans have expressed themselves in different surroundings and at different times, revealing the many commonalties and differences shared by the world's peoples past and present.
ST ANDARD / GLE	SS:WH: 4:	Economic Systems & Technology: Students will demonstrate their understanding of the changing forms of production, distribution and consumption of goods and services over time.

GRADE LEVEL SS:WH:6: Trace improvements in communication, e.g., the Sumerian development of writing, Chinese printing, or the creation of the Internet.

Social Studies Online
Ancient China - Qin & Han Dynasties
Ancient China - Shang & Zhou Dynasties

STRAND / STANDARD		World History and Contemporary Issues: The study of World History and Contemporary Issues is important in helping citizens understand and appreciate the contemporary challenges they will face as individuals in an interdependent, increasingly connected world. Knowledge of past achievements and failures of different peoples and nations provides citizens of the 21st century with a broader context within which to address the many issues facing our nation and the world. World History fosters an appreciation of the roots of our nation's values and the values and perspectives of other peoples. It illustrates how humans have expressed themselves in different surroundings and at different times, revealing the many commonalties and differences shared by the world's peoples past and present.
STANDARD / GLE	SS:WH:5	Social/Cultural: Students will demonstrate their understanding of the diversity of values, beliefs, and practices of individuals and groups over time.

 ${\sf GRADE\ LEVEL} \qquad {\sf SS:WH:6:} \quad {\sf Trace\ the\ rise\ and\ impact\ of\ cities\ on\ daily\ life,\ e.g.,\ Timbuktu,\ Rome,\ or\ Mexico\ City.$

EXPECTATION 5.1:

Social Studies Online

Barcelona

London - City of Pomp & Majesty Paris - City of Light - Grades 6 - 12

Tokyo - City of Contrasts

Washington, DC - Grades 6 - 12