

Main Criteria: Michigan Academic Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 7

Correlation Options: Show Correlated

Michigan Academic Standards

Science

Grade: 7 - Adopted: 2015

STRAND / STANDARD CATEGORY	MI.SC.1.	Structure and Properties of Matter
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STANDARD 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

STRAND / STANDARD CATEGORY	MI.SC.8.	Matter and Energy in Organisms and Ecosystems
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STANDARD MS-LS2-3. Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.

Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Galapagos Islands

STANDARD MS-LS2-4. Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.

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

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

STRAND / STANDARD CATEGORY	MI.SC.9.	Interdependent Relationships in Ecosystems
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STANDARD MS-LS2-2. Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.

Virtual Field Trips

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

STANDARD	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services. Virtual Field Trips 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
STRAND / STANDARD CATEGORY	MI.SC.10.	Growth, Development, and Reproduction of Organisms

STANDARD	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
STRAND / STANDARD CATEGORY	MI.SC.14.	History of Earth

STANDARD	MS-ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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STANDARD	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. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Wyoming, Utah
STRAND / STANDARD CATEGORY	MI.SC.15.	Earth's Systems

STANDARD	MS-ESS2-1.	Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
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STANDARD	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. Virtual Field Trips 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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STRAND / STANDARD CATEGORY	MI.SC.16.	Weather and Climate
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STANDARD	MS-ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions. Virtual Field Trips Canada: Coast to Coast
STANDARD	MS-ESS2-5MI.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions in Michigan due to the Great Lakes and regional geography. Virtual Field Trips Canada: Coast to Coast
STANDARD	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. Virtual Field Trips Galapagos Islands
STANDARD	MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century. Virtual Field Trips Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado

STRAND / STANDARD CATEGORY	MI.SC.17.	Human Impacts
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STANDARD	MS-ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment. Virtual Field Trips 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
STANDARD	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. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8

Michigan Academic Standards
Social Studies
Grade: 7 - Adopted: 2019

STRAND / STANDARD CATEGORY		SOCIAL STUDIES PROCESS AND SKILLS STANDARDS: GRADES 6-8
STANDARD	P1.	READING AND COMMUNICATION – READ AND COMMUNICATE EFFECTIVELY

GRADE LEVEL EXPECTATION	P1.1.	Use appropriate strategies to read and interpret basic social science tables, graphs, graphics, maps, and texts. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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GRADE LEVEL EXPECTATION	P1.3.	Express social science ideas clearly in written, spoken, and graphic forms, including tables, line graphs, bar graphs, pie charts, maps, and images. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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STRAND / STANDARD CATEGORY		SOCIAL STUDIES PROCESS AND SKILLS STANDARDS: GRADES 6-8
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STANDARD	P2.	INQUIRY, RESEARCH, AND ANALYSIS
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GRADE LEVEL EXPECTATION	P2.1.	Use compelling and supporting questions to investigate social scientific problems. Virtual Field Trips Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties 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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GRADE LEVEL EXPECTATION	P2.2.	Evaluate data presented in social science tables, graphs, graphics, maps, and texts. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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STRAND / STANDARD CATEGORY		SOCIAL STUDIES PROCESS AND SKILLS STANDARDS: GRADES 6-8
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STANDARD	P3.	PUBLIC DISCOURSE AND DECISION MAKING
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GRADE LEVEL EXPECTATION	P3.4.	Explain the challenges people have faced and actions they have taken to address issues at different times and places. Virtual Field Trips Canada: Our Northern Neighbor
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STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – HISTORY
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STANDARD	H1.	THE WORLD IN TEMPORAL TERMS: HISTORICAL HABITS OF MIND
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GRADE LEVEL EXPECTATION	H1.1.	Temporal Thinking – Use historical conceptual devices to organize and study the past.
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EXPECTATION 7 – H1.1.1. Compare and contrast several different calendar systems used in the past and present and their cultural significance.

Virtual Field Trips
Ancient Mayan Civilization

STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – HISTORY
STANDARD	H1.	THE WORLD IN TEMPORAL TERMS: HISTORICAL HABITS OF MIND
GRADE LEVEL EXPECTATION	H1.2.	Historical Inquiry and Analysis – Use historical inquiry and analysis to study the past.

EXPECTATION 7 – H1.2.2. Read and comprehend a historical passage to identify basic factual knowledge and the literal meaning by indicating who was involved, what happened, where it happened, what events led to the development, and what consequences or outcomes followed.

Virtual Field Trips
Ancient China - Qin & Han Dynasties
Ancient China - Shang & Zhou Dynasties
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

EXPECTATION 7 – H1.2.4. Compare and evaluate differing historical perspectives based on evidence.

Virtual Field Trips
Canada: Our Northern Neighbor

EXPECTATION 7 – H1.2.5. Describe how historians use methods of inquiry to identify cause/effect relationships in history, noting that many have multiple causes.

Virtual Field Trips
Ancient China - Qin & Han Dynasties
Ancient China - Shang & Zhou Dynasties
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

STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – HISTORY
STANDARD	H1.	THE WORLD IN TEMPORAL TERMS: HISTORICAL HABITS OF MIND
GRADE LEVEL EXPECTATION	H1.4.	Historical Understanding – Use historical concepts, patterns, and themes to study the past.

EXPECTATION	7 – H1.4.1.	Describe and use cultural institutions to study an era and a region. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties Canada: Our Northern Neighbor Exploring Cuba
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EXPECTATION	7 – H1.4.2.	Describe and use themes of history to study patterns of change and continuity. Virtual Field Trips Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties 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
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STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – HISTORY
STANDARD	W2.	WHG ERA 2 – EARLY CIVILIZATIONS AND CULTURES AND THE EMERGENCE OF PASTORAL PEOPLES, 4000 TO 1000 BCE AND WESTERN HEMISPHERE 4000 BCE to 1500 CE
GRADE LEVEL EXPECTATION	W2.1.	Early Civilizations and Major Empires – Analyze early civilizations and pastoral societies.

EXPECTATION	7 – W2.1.1.	Describe the importance of the development of human communication (oral, visual, and written) and its relationship to the development of culture. Virtual Field Trips Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties
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EXPECTATION	7 – W2.1.3.	Use historical and modern maps and other sources to locate, describe, and analyze major river systems and discuss the ways these physical settings supported permanent settlements and development of early civilizations. Virtual Field Trips Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids
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EXPECTATION	7 – W2.1.4.	Examine early civilizations to describe their common features, including environment, economies, and social institutions. Virtual Field Trips Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids
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EXPECTATION 7 – W2.1.5. Define the concept of cultural diffusion and explain how ideas and technology spread from one region to another.

Virtual Field Trips

Ancient China - Qin & Han Dynasties

Ancient China - Shang & Zhou Dynasties

Ancient Greece

Ancient Mayan Civilization

STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – HISTORY
STANDARD	W3.	WHG ERA 3 – CLASSICAL TRADITIONS, WORLD RELIGIONS, AND MAJOR EMPIRES, 1000 BCE TO 300 CE
GRADE LEVEL EXPECTATION	W3.1.	Classical Traditions – Analyze classical civilizations and empires and their lasting impact.

EXPECTATION 7 – W3.1.1. Describe the characteristics that classical civilizations share.

Virtual Field Trips

Ancient China - Qin & Han Dynasties

Ancient China - Shang & Zhou Dynasties

Ancient Greece

Ancient Rome

Rome - The Eternal City

EXPECTATION 7 – W3.1.2. Using historic and modern maps, locate three major empires of this era, describe their geographic characteristics including physical features and climates, and propose a generalization about the relationship between geographic characteristics and the development of early empires.

Virtual Field Trips

Ancient China - Qin & Han Dynasties

Ancient China - Shang & Zhou Dynasties

Ancient Greece

Ancient Rome

Rome - The Eternal City

EXPECTATION 7 – W3.1.3. Compare and contrast the defining characteristics of a city-state, civilization, and empire.

Virtual Field Trips

Ancient China - Qin & Han Dynasties

Ancient China - Shang & Zhou Dynasties

Ancient Greece

Ancient Rome

Rome - The Eternal City

EXPECTATION 7 – W3.1.4. Assess the importance of Greek ideas about democracy and citizenship in the development of Western political thought and institutions.

Virtual Field Trips

Ancient Greece

EXPECTATION	7 – W3.1.5.	Describe major achievements from Indian, Chinese, Mediterranean, African, Southwest and Central Asian, Mesoamerican, and Andean civilizations.
		<p>Virtual Field Trips</p> <p>Ancient China - Qin & Han Dynasties</p> <p>Ancient China - Shang & Zhou Dynasties</p> <p>Ancient Egypt - Land of the Pharaohs</p> <p>Ancient Egypt - Land of the Pyramids</p> <p>Ancient Greece</p> <p>Ancient Rome</p> <p>Rome - The Eternal City</p>
EXPECTATION	7 – W3.1.6.	Use historic and modern maps to locate and describe trade networks linking empires in the classical era.
		<p>Virtual Field Trips</p> <p>Ancient China - Qin & Han Dynasties</p>
EXPECTATION	7 – W3.1.7.	Use a case study to describe how trade integrated cultures and influenced the economy within empires.
		<p>Virtual Field Trips</p> <p>Ancient China - Qin & Han Dynasties</p> <p>Ancient Egypt - Land of the Pharaohs</p>
EXPECTATION	7 – W3.1.8.	Describe the role of state authority, military power, taxation systems, and institutions of coerced labor, including slavery, in building and maintaining empires.
		<p>Virtual Field Trips</p> <p>Ancient China - Qin & Han Dynasties</p> <p>Ancient China - Shang & Zhou Dynasties</p> <p>Ancient Egypt - Land of the Pharaohs</p> <p>Ancient Egypt - Land of the Pyramids</p> <p>Ancient Greece</p> <p>Ancient Rome</p> <p>Rome - The Eternal City</p>
EXPECTATION	7 – W3.1.9.	Describe the significance of legal codes, belief systems, written languages, and communications in the development of large regional empires.
		<p>Virtual Field Trips</p> <p>Ancient China - Qin & Han Dynasties</p> <p>Ancient China - Shang & Zhou Dynasties</p> <p>Ancient Egypt - Land of the Pharaohs</p> <p>Ancient Egypt - Land of the Pyramids</p> <p>Ancient Greece</p> <p>Ancient Rome</p> <p>Rome - The Eternal City</p>
EXPECTATION	7 – W3.1.10.	Create a timeline that illustrates the rise and fall of classical empires during the classical period.
		<p>Virtual Field Trips</p> <p>Ancient China - Qin & Han Dynasties</p> <p>Ancient China - Shang & Zhou Dynasties</p> <p>Ancient Egypt - Land of the Pharaohs</p> <p>Ancient Egypt - Land of the Pyramids</p> <p>Ancient Greece</p> <p>Ancient Rome</p> <p>Rome - The Eternal City</p>

EXPECTATION 7 – Explain the role of economics in shaping the development of classical civilizations and empires.
W3.1.11.

Virtual Field Trips

Ancient Greece

Ancient Rome

Rome - The Eternal City

STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – HISTORY
STANDARD	W3.	WHG ERA 3 – CLASSICAL TRADITIONS, WORLD RELIGIONS, AND MAJOR EMPIRES, 1000 BCE TO 300 CE
GRADE LEVEL EXPECTATION	W3.2.	Growth and Development of World Religions – Explain how world religions or belief systems of Hinduism, Judaism, Buddhism, Christianity, Confucianism, Sikhism, and Islam grew and their significance (Sikhism and Islam are included here even though they came after 300 CE). The world’s major faiths and ethical systems emerged, establishing institutions, systems of thought, and cultural styles that would influence neighboring peoples and endure for centuries.

EXPECTATION 7 – Identify and describe the core beliefs of major world religions and belief systems, including Hinduism, Judaism, Buddhism, Christianity, Confucianism, Sikhism and Islam.
W3.2.1.

Virtual Field Trips

Ancient China - Qin & Han Dynasties

Ancient China - Shang & Zhou Dynasties

STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – HISTORY
STANDARD	W4.	WHG ERA 4 – BRIDGE TO ERA 4 – CASE STUDIES FROM THREE CONTINENTS
GRADE LEVEL EXPECTATION	8 – W4.1.	Case studies from Europe, Africa, and the Americas are intended to set the stage for Integrated U.S. History in Grade 8.

EXPECTATION 7 – Africa to 1500 CE – use a case study to describe how trade integrated cultures and influenced the economy within early African empires.
W4.1.2.

Virtual Field Trips

Ancient Egypt - Land of the Pharaohs

STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – GEOGRAPHY
STANDARD	G1.	THE WORLD IN SPATIAL TERMS
GRADE LEVEL EXPECTATION	G1.2.	Geographical Inquiry and Analysis – Use geographical inquiry and analysis to answer questions about relationships between peoples, cultures, and their environments, and interaction among places and cultures within the era under study.

EXPECTATION 7 – Use a variety of geographical tools (maps, globes, geographic information systems [GIS], and web-based geography technology) to analyze what is happening at different times in different locations.
G1.2.1.

Virtual Field Trips

Canada: Coast to Coast

Canada: Our Northern Neighbor

EXPECTATION	7 – G1.2.2.	Apply the skills of geographic inquiry (asking geographic questions, acquiring geographic information, organizing geographic information, analyzing geographic information, and answering geographic questions) to analyze a geographic problem or issue. Virtual Field Trips African Safari Ancient China - Qin & Han Dynasties 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
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EXPECTATION	7 – G1.2.3.	Use, interpret, and create maps and graphs representing places and regions in the era being studied. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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EXPECTATION	7 – G1.2.4.	Locate and use information from maps and GIS to answer geographic questions on the era and region being studied. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – GEOGRAPHY
STANDARD	G4.	HUMAN SYSTEMS
GRADE LEVEL EXPECTATION	G4.3.	Patterns of Human Settlement – Describe patterns, processes, and functions of human settlement.

EXPECTATION	7 – G4.3.1.	Explain how people in the past have modified the environment and used technology to make places more suitable for humans. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8
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EXPECTATION	7 – G4.3.2.	Describe patterns of settlement and explain why people settled where they did. Virtual Field Trips Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor
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EXPECTATION	7 – G4.3.3.	Explain the patterns, causes, and consequences of major human migrations. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8
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STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – GEOGRAPHY
STANDARD	G4.	HUMAN SYSTEMS
GRADE LEVEL EXPECTATION	G4.4.	Forces of Cooperation and Conflict – Explain how forces of conflict and cooperation among people influence the division of the Earth’s surface and its resources.

EXPECTATION 7 – Identify factors that contribute to conflict and cooperation between and among cultural groups.
G4.4.1.

- Virtual Field Trips**
- Ancient China - Qin & Han Dynasties
- Ancient China - Shang & Zhou Dynasties
- Ancient Greece

STRAND / STANDARD CATEGORY		WORLD HISTORY AND GEOGRAPHY: GRADE 7 – GEOGRAPHY
STANDARD	G5.	ENVIRONMENT AND SOCIETY
GRADE LEVEL EXPECTATION	G5.1.	Explain how humans used, adapted to, and modified the environment in the era studied.

EXPECTATION 7 – Describe examples of how humans modified the environment in the era being studied.
G5.1.1.

- Virtual Field Trips**
- Amazon Rainforest - Grades 6-8
- Amazon Rainforest - People and Threats - Grades 6-8

EXPECTATION 7 – Explain how people defined and used natural resources in the era being studied.
G5.1.3.

- Virtual Field Trips**
- Amazon Rainforest - People and Threats - Grades 6-8
- Canada: Our Northern Neighbor