

**Main Criteria:** Iowa Core  
**Secondary Criteria:** Virtual Field Trips  
**Subjects:** Science, Social Studies  
**Grade:** 8  
**Correlation Options:** Show Correlated

**Iowa Core  
Science  
Grade: 8 - Adopted: 2015**

<b>STRAND / COURSE</b>	<b>IA.MS-PS1.</b>	<b>Matter and Its Interactions</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>		<b>Students who demonstrate understanding can:</b>
<b>DETAILED DESCRIPTOR</b>	<b>MS-PS1-3.</b>	Gather and make sense of information to describe that synthetic materials come from natural resources and impact society.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
<b>STRAND / COURSE</b>	<b>IA.MS-LS2.</b>	<b>Ecosystems: Interactions, Energy, and Dynamics</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>		<b>Students who demonstrate understanding can:</b>
<b>DETAILED DESCRIPTOR</b>	<b>MS-LS2-5.</b>	Evaluate competing design solutions for maintaining biodiversity and ecosystem services.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 The Amazon Rainforest - Part 2 - Older Grades
<b>STRAND / COURSE</b>	<b>IA.MS-ESS2.</b>	<b>Earth's Systems</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>		<b>Students who demonstrate understanding can:</b>
<b>DETAILED DESCRIPTOR</b>	<b>MS-ESS2-6.</b>	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.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
<b>STRAND / COURSE</b>	<b>IA.MS-ESS3.</b>	<b>Earth and Human Activity</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>		<b>Students who demonstrate understanding can:</b>
<b>DETAILED DESCRIPTOR</b>	<b>MS-ESS3-4.</b>	Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
<b>DETAILED DESCRIPTOR</b>	<b>MS-ESS3-5.</b>	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.  <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks of the Western Region - Part 1

**Social Studies**

Grade: 8 - Adopted: 2010

<b>STRAND / COURSE</b>	<b>IA.B.</b>	<b>Behavioral Sciences</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>B.1.</b>	<b>Understand the changing nature of society.</b>
<b>DETAILED DESCRIPTOR</b>	<b>B.1.3.</b>	Understand various institutions influence elements of culture.  <u>Virtual Field Trips</u> Exploring Cuba La Selva Amazonica - Pte 1 (En Espagnol) Rome - The Eternal City - Part 2 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
<b>STRAND / COURSE</b>	<b>IA.B.</b>	<b>Behavioral Sciences</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>B.4.</b>	<b>Understand the process of how humans develop, learn, adapt to their environment, and internalize their culture.</b>
<b>DETAILED DESCRIPTOR</b>	<b>B.4.2.</b>	Understand values, language, beliefs, and behaviors contribute to the transmission of culture.  <u>Virtual Field Trips</u> Exploring Cuba La Selva Amazonica - Pte 1 (En Espagnol) Rome - The Eternal City - Part 2 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
<b>STRAND / COURSE</b>	<b>IA.E.</b>	<b>Economics</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>E.3.</b>	<b>Understand how governments throughout the world influence economic behavior.</b>
<b>DETAILED DESCRIPTOR</b>	<b>E.3.1.</b>	Understand goods and services that the government provides.  <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol
<b>STRAND / COURSE</b>	<b>IA.E.</b>	<b>Economics</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>E.4.</b>	<b>Understand factors that create patterns of interdependence in the world economy.</b>
<b>DETAILED DESCRIPTOR</b>	<b>E.4.2.</b>	Understand the concepts of free trade and trade barriers.  <u>Virtual Field Trips</u> Exploring Cuba
<b>DETAILED DESCRIPTOR</b>	<b>E.4.3.</b>	Understand trade barriers imposed by the United States from a historical perspective and the impact of those actions.  <u>Virtual Field Trips</u> Exploring Cuba
<b>STRAND / COURSE</b>	<b>IA.G.</b>	<b>Geography</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>G.2.</b>	<b>Understand how geographic and human characteristics create culture and define regions.</b>
<b>DETAILED DESCRIPTOR</b>	<b>G.2.1.</b>	Understand human and physical characteristics of place.  <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol Canada - An Overview Exploring Cuba La Selva Amazonica - Pte 1 (En Espagnol) London - City of Pomp & Majesty National Parks - West - Alaska & Hawaii National Parks West - Nevada, California

		National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Paris - City of Light - Grades 6 - 12 Paris - La Ville Lumiere (En Francais) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades Tokyo - City of Contrasts
DETAILED DESCRIPTOR	G.2.2.	Understand the concept of region.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
STRAND / COURSE	IA.G.	Geography
ESSENTIAL CONCEPT AND/OR SKILL	G.3.	Understand how human factors and the distribution of resources affect the development of society and the movement of populations.
DETAILED DESCRIPTOR	G.3.1.	Understand physical and cultural patterns and their interactions, such as land use, settlement patterns, cultural transmission of customs and ideas, and ecosystem changes.  <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol Canada - An Overview Exploring Cuba La Selva Amazonica - Pte 1 (En Espagnol) London - City of Pomp & Majesty National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Paris - City of Light - Grades 6 - 12 Paris - La Ville Lumiere (En Francais) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades Tokyo - City of Contrasts
DETAILED DESCRIPTOR	G.3.5.	Understand physical and human geographic factors have influenced major historic events and movements.  <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization La Selva Amazonica - Pte 1 (En Espagnol) Rome - The Eternal City - Part 1 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
STRAND / COURSE	IA.G.	Geography
ESSENTIAL CONCEPT AND/OR SKILL	G.4.	Understand how physical processes and human actions modify the environment and how the environment affects humans.
DETAILED DESCRIPTOR	G.4.5.	Understand the environmental consequences of people changing the physical environment.  <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
DETAILED DESCRIPTOR	G.4.6.	Understand ecosystems in terms of their characteristics and ability to withstand stress caused by physical events.  <u>Virtual Field Trips</u> Galapagos Islands

		National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
<b>STRAND / COURSE</b>	<b>IA.H.</b>	<b>History</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>H.1.</b>	<b>Understand historical patterns, periods of time and the relationships among these elements.</b>
<b>DETAILED DESCRIPTOR</b>	<b>H.1.1.</b>	Understand concepts such as chronology, causality, change, conflict, and complexity.  <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2
<b>DETAILED DESCRIPTOR</b>	<b>H.1.2.</b>	Understand historical periods and patterns of change within and across cultures, such as the rise of civilizations, the development of transportation systems, the growth and breakdown of colonial systems, and others.  <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Rome - The Eternal City - Part 1
<b>STRAND / COURSE</b>	<b>IA.H.</b>	<b>History</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>H.2.</b>	<b>Understand how and why people create, maintain or change systems of power, authority, and governance.</b>
<b>DETAILED DESCRIPTOR</b>	<b>H.2.1.</b>	Understand political events that shaped the development of governments.  <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization
<b>STRAND / COURSE</b>	<b>IA.H.</b>	<b>History</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>H.3.</b>	<b>Understand the role of culture and cultural diffusion on the development and maintenance of societies.</b>
<b>DETAILED DESCRIPTOR</b>	<b>H.3.1.</b>	Understand ways groups, societies, and cultures have met human needs and concerns in the past.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
<b>DETAILED DESCRIPTOR</b>	<b>H.3.3.</b>	Understand language, literature, the arts, architecture, other artifacts, traditions, beliefs, values, and behaviors have contributed to the development and transmission of culture.  <u>Virtual Field Trips</u> Exploring Cuba London - City of Pomp & Majesty The Amazon Rainforest - Part 2 - Older Grades
<b>STRAND / COURSE</b>	<b>IA.H.</b>	<b>History</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>H.4.</b>	<b>Understand the role of individuals and groups within a society as promoters of change or the status quo.</b>

DETAILED DESCRIPTOR	H.4.2.	Understand significant events and people, including women and minorities, in the major eras of history.  <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Washington, DC - Grades 6 - 12
STRAND / COURSE	IA.H.	History
ESSENTIAL CONCEPT AND/OR SKILL	H.5.	Understand the effect of economic needs and wants on individual and group decisions.
DETAILED DESCRIPTOR	H.5.1.	Understand economic concepts that help explain historical and current developments and issues in local, national, or global contexts.  <u>Virtual Field Trips</u> Ancient Greece - Birthplace of Democracy
STRAND / COURSE	IA.H.	History
ESSENTIAL CONCEPT AND/OR SKILL	H.6.	Understand the effects of geographic factors on historical events.
DETAILED DESCRIPTOR	H.6.1.	Understand that historical events have been influenced by, and have influenced, physical and human geographic factors in local, regional, national, and global settings.  <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
DETAILED DESCRIPTOR	H.6.3.	Understand geography is used to interpret the past.  <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
STRAND / COURSE	IA.H.	History
ESSENTIAL CONCEPT AND/OR SKILL	H.8.	Understand cause and effect relationships and other historical thinking skills in order to interpret events and issues.
DETAILED DESCRIPTOR	H.8.1.	Understand processes such as using a variety of sources, providing, validating, and weighing evidence for claims, checking credibility of sources, and searching for causality.  <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2
DETAILED DESCRIPTOR	H.8.2.	Understand relationships between and among significant events.  <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2
STRAND / COURSE	IA.PS.	Political Science/Civic Literacy
ESSENTIAL CONCEPT AND/OR SKILL	PS.3.	Understand the purpose and function of each of the three branches of government established by the Constitution.

DETAILED DESCRIPTOR	PS.3.1.	<p>Understand the primary responsibilities of each branch of government in a system of shared powers (legislative, executive, judicial) and ways in which each branch shares the powers and functions of the other branches.</p> <p><u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12</p>
DETAILED DESCRIPTOR	PS.3.2.	<p>Understand how the legislative, executive, and judicial branches use checks and balances.</p> <p><u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12</p>

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