

**Main Criteria:** Iowa Core  
**Secondary Criteria:** Virtual Field Trips  
**Subjects:** Science, Social Studies  
**Grade:** 5  
**Correlation Options:** Show Correlated

**Iowa Core**  
**Science**  
Grade: 5 - Adopted: 2015

<b>STRAND / COURSE</b>	<b>IA.5-PS3.</b>	<b>Energy</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>		<b>Students who demonstrate understanding can:</b>
<b>DETAILED DESCRIPTOR</b>	5-PS3-1.	Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol Who Lives On a Coral Reef?
<b>STRAND / COURSE</b>	<b>IA.5-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>	5-LS2-1.	Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades Who Lives On a Coral Reef?
<b>STRAND / COURSE</b>	<b>IA.5-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>	5-ESS2-1.	Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.  <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
<b>DETAILED DESCRIPTOR</b>	5-ESS2-2.	Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.  <u>Virtual Field Trips</u> National Parks West - Nevada, California
<b>STRAND / COURSE</b>	<b>IA.5-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>	5-ESS3-1.	Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources

		and environment.  <u>Virtual Field Trips</u> African Safari 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 The Amazon Rainforest - Part 2 - Younger Grades Who Lives On a Coral Reef?
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**Iowa Core  
Social Studies  
Grade: 5 - Adopted: 2010**

STRAND / COURSE	IA.B.	Behavioral Sciences
ESSENTIAL CONCEPT AND/OR SKILL	B.4.	Understand the process of how humans develop, learn, adapt to their environment, and internalize their culture.
DETAILED DESCRIPTOR	B.4.4.	Understand that language, stories, folktales, music, and artistic creations are expressions of culture.  <u>Virtual Field Trips</u> Exploring Cuba
STRAND / COURSE	IA.E.	Economics
ESSENTIAL CONCEPT AND/OR SKILL	E.6.	Understand that all economies throughout the world rely upon universal concepts.
DETAILED DESCRIPTOR	E.6.5.	Understand barriers to trade among people across nations.  <u>Virtual Field Trips</u> Exploring Cuba
STRAND / COURSE	IA.G.	Geography
ESSENTIAL CONCEPT AND/OR SKILL	G.2.	Understand how geographic and human characteristics create culture and define regions.
DETAILED DESCRIPTOR	G.2.1.	Understand the characteristics of regions--physical and cultural.  <u>Virtual Field Trips</u> African Safari Barcelona - English Barcelona - Espagnol Canada - An Overview Exploring Cuba Grade 4 - Southeast Region of the U.S. 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 K - 5 Paris - La Ville Lumiere (En Francais) The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades Tokyo - City of Contrasts
DETAILED DESCRIPTOR	G.2.5.	Understand language, stories, folktales, music and artistic creations serve as expressions of culture and influence behavior of people.

		<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.3.</b>	Understand how human factors and the distribution of resources affect the development of society and the movement of populations.
<b>DETAILED DESCRIPTOR</b>	<b>G.3.2.</b>	Understand reasons for the growth and decline of settlements.  <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>DETAILED DESCRIPTOR</b>	<b>G.3.5.</b>	Understand the concepts of renewable and non-renewable resources.  <u>Virtual Field Trips</u> Grade 4 - Southeast Region of the U.S.
<b>DETAILED DESCRIPTOR</b>	<b>G.3.7.</b>	Understand the relation between economic activities and natural resources in areas.  <u>Virtual Field Trips</u> Grade 4 - Southeast Region of the U.S.
<b>STRAND / COURSE</b>	<b>IA.G.</b>	<b>Geography</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>G.4.</b>	Understand how physical processes and human actions modify the environment and how the environment affects humans.
<b>DETAILED DESCRIPTOR</b>	<b>G.4.2.</b>	Understand humans interact and adapt to the physical environment.  <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
<b>STRAND / COURSE</b>	<b>IA.H.</b>	<b>History</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>H.1.</b>	Understand historical patterns, periods of time and the relationships among these elements.
<b>DETAILED DESCRIPTOR</b>	<b>H.1.1.</b>	Understand the similarities and differences between various civilizations within a time period.  <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>DETAILED DESCRIPTOR</b>	<b>H.1.2.</b>	Understand problems, issues, and dilemmas of life in the past and their causes.  <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.1.4.	Understand causes and effects of events within a time period.  <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.H.	History
ESSENTIAL CONCEPT AND/OR SKILL	H.3.	Understand the role of culture and cultural diffusion on the development and maintenance of societies.
DETAILED DESCRIPTOR	H.3.1.	Understand ways culture has influenced interactions of various groups.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
DETAILED DESCRIPTOR	H.3.3.	Understand major historical events and developments that involved interaction among various groups.  <u>Virtual Field Trips</u> Ancient Greece - Birthplace of Democracy Grade 4 - Southeast Region of the U.S.
STRAND / COURSE	IA.H.	History
ESSENTIAL CONCEPT AND/OR SKILL	H.4.	Understand the role of individuals and groups within a society as promoters of change or the status quo.
DETAILED DESCRIPTOR	H.4.2.	Understand that specific individuals had a great impact on history  <u>Virtual Field Trips</u> Washington, DC - Grades K - 5
STRAND / COURSE	IA.H.	History
ESSENTIAL CONCEPT AND/OR SKILL	H.6.	Understand the effects of geographic factors on historical events.
DETAILED DESCRIPTOR	H.6.2.	Understand seasons, climate, and weather, environmental change and crises affect social and economic development.  <u>Virtual Field Trips</u> African Safari Exploring Cuba Grade 4 - Southeast Region of the U.S. La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest The Amazon Rainforest - Part 1 - 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 important to reconstructing and interpreting the past.  <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 the historical perspective including cause and effect.  <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>STRAND / COURSE</b>	<b>IA.PS.</b>	<b>Political Science/Civic Literacy</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>PS.4.</b>	<b>Understand the differences among local, state and national government.</b>
<b>DETAILED DESCRIPTOR</b>	<b>PS.4.2.</b>	Understand major services provided by national, state, and local governments.  <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol
<b>STRAND / COURSE</b>	<b>IA.PS.</b>	<b>Political Science/Civic Literacy</b>
<b>ESSENTIAL CONCEPT AND/OR SKILL</b>	<b>PS.5.</b>	<b>Understand the role of the United States in current world affairs.</b>
<b>DETAILED DESCRIPTOR</b>	<b>PS.5.2.</b>	Understand the major ways nations interact with each other such as trade, diplomacy, cultural contacts, treaties or agreements, and use of military force.  <u>Virtual Field Trips</u> Exploring Cuba

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