

**Main Criteria:** Colorado Academic Standards (CAS)

**Secondary Criteria:** Virtual Field Trips

**Subjects:** Science, Social Studies

**Grade:** 6

**Correlation Options:** Show Correlated

**Colorado Academic Standards (CAS)**

**Science**

Grade: 6 - Adopted: 2009

CONTENT AREA	CO.2.	Life Science
STANDARD	2.1.	Changes in environmental conditions can affect the survival of individual organisms, populations, and entire species. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.1.a.	Interpret and analyze data about changes in environmental conditions - such as climate change - and populations that support a claim describing why a specific population might be increasing or decreasing  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol How Coral Reefs Are Formed La Selva Amazonica - Pte 1 (En 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 The Amazon Rainforest - Part 1 - Older Grades Who Lives On a Coral Reef?
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.1.b.	Develop, communicate, and justify an evidence-based explanation about how ecosystems interact with and impact the global environment  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.1.c.	Model equilibrium in an ecosystem, including basic inputs and outputs, to predict how a change to that ecosystem such as climate change might impact the organisms, populations, and species within it such as the removal of a top predator or introduction of a new species  <u>Virtual Field Trips</u> How Coral Reefs Are Formed La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades Who Lives On a Coral Reef?
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.1.d.	Examine, evaluate, question, and ethically use information from a variety of sources and media to investigate how environmental conditions affect the survival of individual organisms  <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol How Coral Reefs Are Formed La Selva Amazonica - Pte 1 (En 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 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>CONTENT AREA</b>	<b>CO.2.</b>	<b>Life Science</b>
<b>STANDARD</b>	<b>2.2.</b>	<b>Organisms interact with each other and their environment in various ways that create a flow of energy and cycling of matter in an ecosystem. Students can:</b>
<b>CONCEPTS AND SKILLS / EVIDENCE OUTCOMES</b>	<b>2.2.b.</b>	Design a food web diagram to show the flow of energy through an ecosystem  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol Who Lives On a Coral Reef?
<b>CONTENT AREA</b>	<b>CO.3.</b>	<b>Earth Systems Science</b>
<b>STANDARD</b>	<b>3.1.</b>	<b>Complex interrelationships exist between Earth's structure and natural processes that over time are both constructive and destructive. Students can:</b>
<b>CONCEPTS AND SKILLS / EVIDENCE OUTCOMES</b>	<b>3.1.a.</b>	Gather, analyze, and communicate an evidence-based explanation for the complex interaction between Earth's constructive and destructive forces  <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
<b>CONCEPTS AND SKILLS / EVIDENCE OUTCOMES</b>	<b>3.1.b.</b>	Gather, analyze and communicate evidence from text and other sources that explains the formation of Earth's surface features  <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
<b>CONCEPTS AND SKILLS / EVIDENCE OUTCOMES</b>	<b>3.1.c.</b>	Use or create a computer simulation for Earth's changing crust  <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
<b>CONTENT AREA</b>	<b>CO.3.</b>	<b>Earth Systems Science</b>
<b>STANDARD</b>	<b>3.2.</b>	<b>Water on Earth is distributed and circulated through oceans, glaciers, rivers, ground water, and the atmosphere. Students can:</b>
<b>CONCEPTS AND SKILLS / EVIDENCE OUTCOMES</b>	<b>3.2.a.</b>	Gather and analyze data from a variety of print resources and investigations to account for local and world-wide water circulation and distribution patterns  <u>Virtual Field Trips</u> National Parks West - Nevada, California
<b>CONCEPTS AND SKILLS / EVIDENCE OUTCOMES</b>	<b>3.2.c.</b>	Identify problems, and propose solutions related to water quality, circulation, and distribution - both locally and worldwide

		<u>Virtual Field Trips</u> National Parks West - Nevada, California
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.2.d.	Identify the various causes and effects of water pollution in local and world water distributions  <u>Virtual Field Trips</u> Who Lives On a Coral Reef?
CONTENT AREA	CO.3.	Earth Systems Science
STANDARD	3.3.	Earth's natural resources provide the foundation for human society's physical needs. Many natural resources are nonrenewable on human timescales, while others can be renewed or recycled. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.3.a.	Research and evaluate data and information to learn about the types and availability of various natural resources, and use this knowledge to make evidence-based decisions  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.3.b.	Identify and evaluate types and availability of renewable and nonrenewable resources  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.3.c.	Use direct and indirect evidence to determine the types of resources and their applications used in communities  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.3.d.	Research and critically evaluate data and information about the advantages and disadvantages of using fossil fuels and alternative energy sources  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades

### Colorado Academic Standards (CAS)

#### Social Studies

Grade: 6 - Adopted: 2009

CONTENT AREA	CO.1.	History
STANDARD	1.1.	Analyze and interpret historical sources to ask and research historical questions. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.1.a.	Identify ways different cultures record history  <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 Exploring Cuba La Selva Amazonica - Pte 1 (En Espagnol) Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2

		<p>The Amazon Rainforest  The Amazon Rainforest - Part 1 - Older Grades  The Amazon Rainforest - Part 2 - Older Grades  The Amazon Rainforest - Part 2 - Younger Grades</p>
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.1.c.	<p>Critique information to determine if it is sufficient to answer historical questions</p> <p><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</p>
CONTENT AREA	CO.1.	History
STANDARD	1.2.	The historical eras, individuals, groups, ideas and themes in regions of the Western Hemisphere and their relationships with one another. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.2.a.	<p>Explain how people, products, cultures, and ideas interacted and are interconnected over key eras in the Western Hemisphere</p> <p><u>Virtual Field Trips</u>  Canada - An Overview  Exploring Cuba</p>
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.2.b.	<p>Determine and explain the historical context of key people, events, and ideas over time including the examination of different perspectives from people involved. Topics to include but not limited to Aztec, Maya, Inca, Inuit, early Native American cultures of North America, major explorers, colonizers of countries in the Western Hemisphere, and the Columbian Exchange</p> <p><u>Virtual Field Trips</u>  Ancient Mayan Civilization</p>
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.2.c.	<p>Identify examples of the social, political, cultural, and economic development in key areas of the Western Hemisphere</p> <p><u>Virtual Field Trips</u>  Canada - An Overview  Washington, DC - Grades 6 - 12</p>
CONTENT AREA	CO.2.	Geography
STANDARD	2.1.	Use geographic tools to solve problems. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.1.c.	<p>Ask multiple types of questions after examining geographic sources</p> <p><u>Virtual Field Trips</u>  African Safari  Exploring Cuba  London - City of Pomp &amp; Majesty  National Parks - West - Alaska &amp; 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)  Tokyo - City of Contrasts</p>
CONTENT AREA	CO.2.	Geography
STANDARD	2.2.	Human and physical systems vary and interact. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.2.a.	<p>Classify and analyze the types of connections between places</p> <p><u>Virtual Field Trips</u></p>

		<b>The Amazon Rainforest - Part 2 - Older Grades</b> <b>The Amazon Rainforest - Part 2 - Younger Grades</b>
<b>CONCEPTS AND SKILLS / EVIDENCE OUTCOMES</b>	<b>2.2.b.</b>	<b>Identify physical features and explain their effects on people in the Western Hemisphere</b>  <u><b>Virtual Field Trips</b></u> <b>Canada - An Overview</b> <b>Exploring Cuba</b> <b>National Parks - West - Alaska &amp; Hawaii</b> <b>National Parks West - Nevada, California</b> <b>National Parks West - Wyoming, Utah</b> <b>National Parks of the Western Region - Part 1</b> <b>Washington, DC - Grades 6 - 12</b>

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