

Main Criteria: Colorado Academic Standards (CAS)

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 7

Correlation Options: Show Correlated

Colorado Academic Standards (CAS)

Science

Grade: 7 - Adopted: 2009

CONTENT AREA	CO.2.	Life Science
STANDARD	2.1.	Individual organisms with certain traits are more likely than others to survive and have offspring in a specific environment. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.1.a.	Develop, communicate, and justify an evidence-based explanation for why a given organism with specific traits will or will not survive to have offspring in a given environment <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol 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 - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.1.b.	Analyze and interpret data about specific adaptations to provide evidence and develop claims about differential survival and reproductive success <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
CONTENT AREA	CO.2.	Life Science
STANDARD	2.4.	Photosynthesis and cellular respiration are important processes by which energy is acquired and utilized by organisms. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.4.b.	Use direct and indirect evidence to describe the relationship between photosynthesis and cellular respiration within plants - and between plants and animals <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.4.c.	Use computer simulations to model the relationship between photosynthesis and cellular respiration within plants - and between plants and animals <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
CONTENT AREA	CO.2.	Life Science
STANDARD	2.5.	Multiple lines of evidence show the evolution of organisms over geologic time. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.5.b.	Analyze and critique the evidence regarding the causes and effects of a mass extinction event

		<u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.5.c.	Analyze and interpret data that show human evolution <u>Virtual Field Trips</u> National Parks of the Western Region - Part 1
CONTENT AREA	CO.3.	Earth Systems Science
STANDARD	3.1.	Major geologic events such as earthquakes, volcanic eruptions, mid-ocean ridges, and mountain formation are associated with plate boundaries and attributed to plate motions. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.1.a.	Gather, analyze, and communicate data that explains Earth's plates, plate motions, and the results of plate motions <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.1.c.	Use maps to locate likely geologic "hot spots", using evidence of earthquakes and volcanic activity <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.1.d.	Use web-based or other technology tools to show connections and patterns in data about tectonic plate boundaries and earthquakes, volcanic eruptions, and mountain formation <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks West - Nevada, California National Parks West - Wyoming, Utah
CONTENT AREA	CO.3.	Earth Systems Science
STANDARD	3.2.	Geologic time, history, and changing life forms are indicated by fossils and successive sedimentation, folding, faulting, and uplifting of layers of sedimentary rock. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.2.b.	Identify and describe the impact of major geologic events on life on Earth <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
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.2.c.	Identify and describe major events in Earth's geologic history <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

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CONTENT AREA	CO.1.	History
STANDARD	1.1.	Seek and evaluate multiple historical sources with different points of view to investigate a historical question and to formulate and defend a thesis with evidence. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.1.a.	<p>Determine and explain the interdependence of people around the world during significant eras or events</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 within regions of the Eastern Hemisphere and their relationships with one another. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.2.a.	<p>Explain how people interact and are interconnected over key periods or eras in history in the Eastern Hemisphere</p> <p><u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Rome - The Eternal City - Part 2</p>
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.2.b.	<p>Determine and explain the historical context of key people, events, and ideas over time and include the examination of different perspectives from people involved</p> <p><u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Rome - The Eternal City - Part 2</p>
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.2.c.	<p>Describe the foundation and development of key historical topics. Topics to include but not limited to early civilizations, Greece, Rome, ancient China and ancient African civilizations, and the Medieval World incorporating the Crusades and Feudalism</p> <p><u>Virtual Field Trips</u> Ancient Greece - Birthplace of Democracy Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2</p>
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.2.d.	<p>Analyze the social, political, cultural, economic, and technological development within the topics listed in above in evidence outcome "c"</p> <p><u>Virtual Field Trips</u> African Safari Barcelona - English Barcelona - Espagnol Paris - City of Light - Grades 6 - 12 Paris - La Ville Lumiere (En Francais) Tokyo - City of Contrasts</p>
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	1.2.e.	<p>Describe the history, interactions, and contributions of various peoples and cultures that have lived in or migrated to the Eastern Hemisphere. Topics to include but not limited to world religions, the Silk Road, East/West contact and settlement patterns</p> <p><u>Virtual Field Trips</u></p>

		Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids
CONTENT AREA	CO.2.	Geography
STANDARD	2.1.	Use geographic tools to gather data and make geographic inferences and predictions. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.1.b.	Describe the characteristics and distribution of physical systems, cultural patterns and economic interdependence to make predictions. Topics to include but not limited to environmental issues and cultural diffusion <u>Virtual Field Trips</u> African Safari 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
CONTENT AREA	CO.2.	Geography
STANDARD	2.2.	Regions have different issues and perspectives. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	2.2.d.	Explain how the physical environment of a place influences its economy, culture, and trade patterns <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
CONTENT AREA	CO.3.	Economics
STANDARD	3.2.	The distribution of resources influences economic production and individual choices (Economics and PFL). Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	3.2.b.	Identify patterns of trade between places based on distribution of resources <u>Virtual Field Trips</u> Exploring Cuba
CONTENT AREA	CO.4.	Civics
STANDARD	4.1.	Compare how various nations define the rights, responsibilities, and roles of citizens. Students can:
CONCEPTS AND SKILLS / EVIDENCE OUTCOMES	4.1.e.	Give examples illustrating how various governments and citizens interact and analyze how these interactions have changed over time <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Rome - The Eternal City - Part 1