

Main Criteria: Wyoming Content and Performance Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 5

Correlation Options: Show Correlated

Wyoming Content and Performance Standards

Science

Grade: 5 - Adopted: 2009

CONTENT STANDARD	WY.1.	Concepts and Processes: In the context of unifying concepts and processes, students develop an understanding of scientific content through inquiry. Science is a dynamic process; concepts and content are best learned through inquiry and investigation. Concepts in Life Systems, Earth and Space Systems, and Physical Systems are taught within the context of the following Unifying Concepts and Processes of Science: Systems, classification, order and organization; Evidence, models, and explanations; Change, constancy, and measurement; Evolution and equilibrium and Form and function
BENCHMARK	SC8.1.2.	Life Systems: Reproduction and Heredity: Students describe reproduction as a characteristic of all living systems, which is essential to the continuation of species, and identify and interpret traits, patterns of inheritance, and the interaction between genetics and environment. <u>Virtual Field Trips</u> How Coral Reefs Are Formed
BENCHMARK	SC8.1.3.	Life Systems: Evolution as a Theory: Students explain evolution as a theory and apply the theory to the diversity of species, which results from natural selection and the acquisition of unique characteristics through biological adaptation. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
BENCHMARK	SC8.1.4.	Life Systems: Diversity of Organisms: Students investigate the interconnectedness of organisms, identifying similarity and diversity of organisms through a classification system of hierarchical relationships and structural homologies. <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol 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?
BENCHMARK	SC8.1.5.	Life Systems: Behavior and Adaptation: Students recognize behavior as a response of an organism to an internal or environmental stimulus and connect the characteristics and behaviors of an organism to biological adaptation. <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

		<p>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?</p>
BENCHMARK	SC8.1.6.	<p>Life Systems: Interrelationships of Populations and Ecosystems: Students illustrate populations of organisms and their interconnection within an ecosystem, identifying relationships among producers, consumers, and decomposers.</p> <p><u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol 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?</p>
BENCHMARK	SC8.1.8.	<p>Earth and Space Systems: The Structure of the Earth System: Students examine the structure of the Earth, identifying layers of the Earth, considering plate movement and its effect, and recognizing landforms resulting from constructive and destructive forces.</p> <p><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 Who Lives On a Coral Reef?</p>
BENCHMARK	SC8.1.9.	<p>Earth and Space Systems: The Earth's History: Students systematize the Earth's history in terms of geologic evidence, comparing past and present Earth processes and identifying catastrophic events and fossil evidence.</p> <p><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</p>
CONTENT STANDARD	WY.2.	<p>Science as Inquiry: Students demonstrate knowledge, skills, and habits of mind necessary to safely perform scientific inquiry. Inquiry is the foundation for the development of content, teaching students the use of processes of science that enable them to construct and develop their own knowledge. Inquiry requires appropriate field, classroom, and laboratory experiences with suitable facilities and equipment.</p>
BENCHMARK	SC8.2.4.	<p>Students recognize the relationship between science and technology in meeting human needs.</p>

		<u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
CONTENT STANDARD	WY.3.	History and Nature of Science in Personal and Social Decisions: Students recognize the nature of science, its history, and its connections to personal, social, economic, and political decisions. Historically, scientific events have had significant impacts on our cultural heritage.
BENCHMARK	SC8.3.1.	Students explore the nature and history of science.
GRADE LEVEL EXAMPLE	SC8.3.1.a.	Students explore how scientific knowledge changes and grows over time, and impacts personal and social decisions. <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 The Amazon Rainforest - Part 2 - Younger Grades
GRADE LEVEL EXAMPLE	SC8.3.1.b.	Students explore the historical use of scientific information to make personal and social decisions. <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
CONTENT STANDARD	WY.3.	History and Nature of Science in Personal and Social Decisions: Students recognize the nature of science, its history, and its connections to personal, social, economic, and political decisions. Historically, scientific events have had significant impacts on our cultural heritage.
BENCHMARK	SC8.3.2.	Students explore how scientific information is used to make decisions.
GRADE LEVEL EXAMPLE	SC8.3.2.a.	The role of science in solving personal, local, and national problems. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
GRADE LEVEL EXAMPLE	SC8.3.2.b.	Interdisciplinary connections of the sciences and connections to other subject areas and careers in science or technical fields. <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades
GRADE LEVEL EXAMPLE	SC8.3.2.c.	Origins and conservation of natural resources, including Wyoming examples. <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?
--	--	--

Wyoming Content and Performance Standards

Social Studies

Grade: 5 - Adopted: 2014

CONTENT STANDARD	WY.SS5.3.	Production, Distribution, and Consumption: Students describe the influence of economic factors on societies and make decisions based on economic principles.
BENCHMARK		Students will:
GRADE LEVEL EXAMPLE	SS5.3.4.	Explain the roles and effect of money, banking, savings, and budgeting in personal life and society. <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol
CONTENT STANDARD	WY.SS5.4.	Time, Continuity, and Change: Students analyze events, people, problems, and ideas within their historical contexts.
BENCHMARK		Students will:
GRADE LEVEL EXAMPLE	SS5.4.1.	Describe how small changes can lead to big changes (cause and effect) (e.g., discovery of electricity). <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
CONTENT STANDARD	WY.SS5.5.	People, Places, and Environments: Students apply their knowledge of the geographic themes (location, place, movement, region, and human/environment interactions) and skills to demonstrate an understanding of interrelationships among people, places, and environment.
BENCHMARK		Students will:
GRADE LEVEL EXAMPLE	SS5.5.1.	Spatial: Apply mental mapping skills and use different representations of the Earth to demonstrate an understanding of human and physical patterns and how local decisions may create global impacts. <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

GRADE LEVEL EXAMPLE	SS5.5.2.	<p>Physical Place and Region: Explain how physical features, patterns, and systems impact different regions and how these features may help us generalize and compare areas within the state, nation, or world.</p> <p><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 Washington, DC - Grades K - 5</p>
GRADE LEVEL EXAMPLE	SS5.5.3.	<p>Human Place and Movement: Describe the human features of an area (e.g., language, religion, political and economic systems, population distribution, and quality of life), past and present settlement patterns (e.g., American Indians and the Oregon Trail), and how ideas, goods, and/or people move from one area to another.</p> <p><u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades</p>