

Main Criteria: Wisconsin Academic Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 9

Correlation Options: Show Correlated

Wisconsin Academic Standards

Science

Grade: 9 - Adopted: 1998

DOMAIN	W.I.A.	Science Connections: Students in Wisconsin will understand that there are unifying themes: systems, order, organization, and interactions; evidence, models, and explanations; constancy, change, and measurement; evolution, equilibrium, and energy; form and function among scientific disciplines.
CONTENT STANDARD	A.12.1.	Apply the underlying themes of science to develop defensible visions of the future. <u>Virtual Field Trips</u> 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	A.12.2.	Show how conflicting assumptions about science themes lead to different opinions and decisions about evolution, health, population, longevity, education, and use of resources, and show how these opinions and decisions have diverse effects on an individual, a community, and a country, both now and in the future. <u>Virtual Field Trips</u> 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
CONTENT STANDARD	A.12.5.	Show how the ideas and themes of science can be used to make real-life decisions about careers, work places, life-styles, and use of resources. <u>Virtual Field Trips</u> 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
DOMAIN	W.I.B.	Nature of Science: Students in Wisconsin will understand that science is ongoing and inventive, and that scientific understandings have changed over time as new evidence is found.
CONTENT STANDARD	B.12.1.	Show how cultures and individuals have contributed to the development of major ideas in the earth and space, life and environmental, and physical sciences. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah

CONTENT STANDARD	B.12.3.	<p>Relate the major themes of science to human progress in understanding science and the world.</p> <p><u>Virtual Field Trips</u> 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>
DOMAIN	WI.D.	Physical Science: Students in Wisconsin will demonstrate an understanding of the physical and chemical properties of matter, the forms and properties of energy, and the ways in which matter and energy interact.
CONTENT STANDARD	D.12.7.	<p>Motions and Forces: Qualitatively and quantitatively analyze changes in the motion of objects and the forces that act on them and represent analytical data both algebraically and graphically.</p> <p><u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii</p>
CONTENT STANDARD	D.12.12.	<p>Interactions of Matter and Energy: Using the science themes and knowledge of chemical, physical, atomic, and nuclear interactions, explain changes in materials, living things, earth's features, and stars.</p> <p><u>Virtual Field Trips</u> Galapagos Islands - Espagnol</p>
DOMAIN	WI.E.	Earth and Space Science: Students in Wisconsin will demonstrate an understanding of the structure and systems of earth and other bodies in the universe and of their interactions.
CONTENT STANDARD	E.12.2.	<p>Geochemical Cycles: Analyze the geochemical and physical cycles of the earth and use them to describe movements of matter.</p> <p><u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades</p>
CONTENT STANDARD	E.12.3.	<p>The Origin and Evolution of the Earth System: Using the science themes, describe theories of the origins and evolution of the universe and solar system, including the earth system as a part of the solar system, and relate these theories and their implications to geologic time on earth.</p> <p><u>Virtual Field Trips</u> 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	E.12.4.	<p>The Origin and Evolution of the Earth System: Analyze the benefits, costs, and limitations of past, present, and projected use of resources and technology and explain the consequences to the environment.</p> <p><u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades</p>
DOMAIN	WI.F.	Life and Environmental Science: Students in Wisconsin will demonstrate an understanding of the characteristics and structures of living things, the processes of life, and how living things interact with one another and their environment.
CONTENT STANDARD	F.12.5.	<p>Biological Evolution: Understand the theory of evolution, natural selection, and biological classification.</p> <p><u>Virtual Field Trips</u> Galapagos Islands - Espagnol</p>

CONTENT STANDARD	F.12.6.	<p>Biological Evolution: Using concepts of evolution and heredity, account for changes in species and the diversity of species, include the influence of these changes on science, e.g. breeding of plants or animals.</p> <p><u>Virtual Field Trips</u> Galapagos Islands - Espagnol</p>
CONTENT STANDARD	F.12.7.	<p>The Interdependence of Organisms: Investigate how organisms both cooperate and compete in ecosystems.</p> <p><u>Virtual Field Trips</u> Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades</p>
CONTENT STANDARD	F.12.8.	<p>The Interdependence of Organisms: Using the science themes, infer changes in ecosystems prompted by the introduction of new species, environmental conditions, chemicals, and air, water, or earth pollution.</p> <p><u>Virtual Field Trips</u> Galapagos Islands - Espagnol National Parks of the Western Region - Part 1 The Amazon Rainforest - Part 2 - Older Grades</p>
DOMAIN	WI.G.	<p>Science Applications: Students in Wisconsin will demonstrate an understanding of the relationship between science and technology and the ways in which that relationship influences human activities.</p>
CONTENT STANDARD	G.12.1.	<p>Identify personal interests in science and technology, implications that these interests might have for future education, and decisions to be considered.</p> <p><u>Virtual Field Trips</u> 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	G.12.3.	<p>Analyze the costs, benefits, or problems resulting from a scientific or technological innovation, including implications for the individual and the community.</p> <p><u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades</p>
CONTENT STANDARD	G.12.4.	<p>Show how a major scientific or technological change has had an impact on work, leisure, or the home.</p> <p><u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades</p>
CONTENT STANDARD	G.12.5.	<p>Choose a specific problem in our society, identify alternative scientific or technological solutions to that problem and argue it merits.</p> <p><u>Virtual Field Trips</u> 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</p>

DOMAIN	WI.H.	Science Applications: Students in Wisconsin will use scientific information and skills to make decisions about themselves, Wisconsin, and the world in which they live.
CONTENT STANDARD	H.12.1.	<p>Using the science themes and knowledge of the earth and space, life and environmental, and physical sciences, analyze the costs, risks, benefits, and consequences of a proposal concerning resource management in the community and determine the potential impact of the proposal on life in the community and the region.</p> <p><u>Virtual Field Trips</u> 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</p>
CONTENT STANDARD	H.12.2.	<p>Evaluate proposed policy recommendations (local, state, and/or national) in science and technology for validity, evidence, reasoning, and implications, both short and long-term.</p> <p><u>Virtual Field Trips</u> 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</p>
CONTENT STANDARD	H.12.3.	<p>Show how policy decisions in science depend on social values, ethics, beliefs, and time-frames as well as considerations of science and technology.</p> <p><u>Virtual Field Trips</u> 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</p>
CONTENT STANDARD	H.12.5.	<p>Investigate how current plans or proposals concerning resource management, scientific knowledge, or technological development will have an impact on the environment, ecology, and quality of life in a community or region.</p> <p><u>Virtual Field Trips</u> 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</p>

Wisconsin Academic Standards

Social Studies

Grade: 9 - Adopted: 1998

DOMAIN	WI.A.	Geography: People, Places and Environments: Students in Wisconsin will learn about geography through the study of the relationships among people, places, and environments.
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CONTENT STANDARD	A.12.1.	<p>Use various types of atlases and appropriate vocabulary to describe the physical attributes of a place or region, employing such concepts as climate, plate tectonics, volcanism, and landforms, and to describe the human attributes, employing such concepts as demographics, birth and death rates, doubling time, emigration, and immigration.</p> <p><u>Virtual Field Trips</u> Barcelona - English Barcelona - 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 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</p>
CONTENT STANDARD	A.12.3.	<p>Construct mental maps of the world and the world's regions and draw maps from memory showing major physical and human features.</p> <p><u>Virtual Field Trips</u> Barcelona - English Barcelona - 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 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</p>
CONTENT STANDARD	A.12.6.	<p>Collect and analyze geographic information to examine the effects that a geographic or environmental change in one part of the world, such as volcanic activity, river diversion, ozone depletion, air pollution, deforestation, or desertification, may have on other parts of the world.</p> <p><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 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades</p>
CONTENT STANDARD	A.12.8.	<p>Identify the world's major ecosystems and analyze how different economic, social, political, religious, and cultural systems have adapted to them.</p> <p><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 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades</p>
CONTENT STANDARD	A.12.9.	<p>Identify and analyze cultural factors, such as human needs, values, ideals, and public policies, that influence the design of places, such as an urban center, an industrial park, a public project, or a planned neighborhood.</p>

		<u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
CONTENT STANDARD	A.12.11.	Describe scientific and technological development in various regions of the world and analyze the ways in which development affects environment and culture. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
CONTENT STANDARD	A.12.13.	Give examples and analyze conflict and cooperation in the establishment of cultural regions and political boundaries. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
DOMAIN	WI.B.	History: Time, Continuity, and Change: Students in Wisconsin will learn about the history of Wisconsin, the United States, and the world, examining change and continuity over time in order to develop historical perspective, explain historical relationships, and analyze issues that affect the present and the future.
CONTENT STANDARD	B.12.1.	Explain different points of view on the same historical event, using data gathered from various sources, such as letters, journals, diaries, newspapers, government documents, and speeches. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
CONTENT STANDARD	B.12.4.	Assess the validity of different interpretations of significant historical events. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
CONTENT STANDARD	B.12.10.	Select instances of scientific, intellectual, and religious change in various regions of the world at different times in history and discuss the impact those changes had on beliefs and values. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades)
CONTENT STANDARD	B.12.12.	Analyze the history, culture, tribal sovereignty, and current status of the American Indian tribes and bands in Wisconsin. <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
CONTENT STANDARD	B.12.14.	Explain the origins, central ideas, and global influence of religions, such as Buddhism, Islam, Hinduism, Judaism, and Christianity. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades)
DOMAIN	WI.C.	Political Science and Citizenship: Power, Authority, Governance, and Responsibility: Students in Wisconsin will learn about political science and acquire the knowledge of political systems necessary for developing individual civic responsibility by studying the history and contemporary uses of power, authority, and governance.
CONTENT STANDARD	C.12.6.	Identify and analyze significant political benefits, problems, and solutions to problems related to federalism and the separation of powers. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12

CONTENT STANDARD	C.12.13.	<p>Explain and analyze how different political and social movements have sought to mobilize public opinion and obtain governmental support in order to achieve their goals.</p> <p><u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12</p>
DOMAIN	W.I.E.	<p>The Behavioral Sciences: Individuals, Institutions, and Society: Students in Wisconsin will learn about the behavioral sciences by exploring concepts from the discipline of sociology, the study of the interactions among individuals, groups, and institutions; the discipline of psychology, the study of factors that influence individual identity and learning; and the discipline of anthropology, the study of cultures in various times and settings.</p>
CONTENT STANDARD	E.12.3.	<p>Compare and describe similarities and differences in the ways various cultures define individual rights and responsibilities, including the use of rules, folkways, mores, and taboos.</p> <p><u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades)</p>
CONTENT STANDARD	E.12.10.	<p>Describe a particular culture as an integrated whole and use that understanding to explain its language, literature, arts, traditions, beliefs, values, and behaviors.</p> <p><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</p>
CONTENT STANDARD	E.12.11.	<p>Illustrate and evaluate ways in which cultures resolve conflicting beliefs and practices.</p> <p><u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades)</p>