

Main Criteria: Minnesota Academic Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

Minnesota Academic Standards

Science

Grade: 8 - Adopted: 2009

CONTENT STANDARD / DOMAIN	MN.8.1.	The Nature of Science and Engineering
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.1.3.	Interactions Among Science, Technology, Engineering, Mathematics, and Society
INDICATORS OF PROGRESS / STRAND	8.1.3.2.	The student will understand that men and women throughout the history of all cultures, including Minnesota American Indian tribes and communities, have been involved in engineering design and scientific inquiry.
INDICATORS OF PROGRESS	8.1.3.2.1.	Describe examples of important contributions to the advancement of science, engineering and technology made by individuals representing different groups and cultures at different times in 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
CONTENT STANDARD / DOMAIN	MN.8.1.	The Nature of Science and Engineering
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.1.3.	Interactions Among Science, Technology, Engineering, Mathematics, and Society
INDICATORS OF PROGRESS / STRAND	8.1.3.3.	The student will understand that science and engineering operate in the context of society and both influence and are influenced by this context.
INDICATORS OF PROGRESS	8.1.3.3.2.	Understand that scientific knowledge is always changing as new technologies and information enhance observations and analysis of data. <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
INDICATORS OF PROGRESS	8.1.3.3.3.	Provide examples of how advances in technology have impacted the ways in which people live, work and interact. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
CONTENT STANDARD / DOMAIN	MN.8.3.	Earth and Space Science
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.3.1.	Earth Structure and Processes

INDICATORS OF PROGRESS / STRAND	8.3.1.1.	The student will understand that the movement of tectonic plates results from interactions among the lithosphere, mantle and core.
INDICATORS OF PROGRESS	8.3.1.1.2.	Correlate the distribution of ocean trenches, mid-ocean ridges and mountain ranges to volcanic and seismic activity. <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
INDICATORS OF PROGRESS	8.3.1.1.3.	Recognize that major geological events, such as earthquakes, volcanic eruptions and mountain building, result from the slow movement of tectonic plates. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
CONTENT STANDARD / DOMAIN	MN.8.3.	Earth and Space Science
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.3.1.	Earth Structure and Processes
INDICATORS OF PROGRESS / STRAND	8.3.1.2.	The student will understand that landforms are the result of the combination of constructive and destructive processes.
INDICATORS OF PROGRESS	8.3.1.2.1.	Explain how landforms result from the processes of crustal deformation, volcanic eruptions, weathering, erosion and deposition of sediment. <u>Virtual Field Trips</u> 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
INDICATORS OF PROGRESS	8.3.1.2.2.	Explain the role of weathering, erosion and glacial activity in shaping Minnesota's current landscape. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1
CONTENT STANDARD / DOMAIN	MN.8.3.	Earth and Space Science
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.3.2.	Interdependence Within the Earth System
INDICATORS OF PROGRESS / STRAND	8.3.2.2.	The student will understand that patterns of atmospheric movement influence global climate and local weather.
INDICATORS OF PROGRESS	8.3.2.2.1.	Describe how the composition and structure of the Earth's atmosphere affects energy absorption, climate and distribution of particulates and gases. <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) National Parks West - Nevada, California The Amazon Rainforest - Part 1 - Older Grades

CONTENT STANDARD / DOMAIN	MN.8.3.	Earth and Space Science
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.3.2.	Interdependence Within the Earth System
INDICATORS OF PROGRESS / STRAND	8.3.2.3.	The student will understand that the water cycle is an open system with many inputs.
INDICATORS OF PROGRESS	8.3.2.3.1.	Describe the location, composition and use of major water reservoirs on the Earth, and the transfer of water among them. <u>Virtual Field Trips</u> 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
CONTENT STANDARD / DOMAIN	MN.8.3.	Earth and Space Science
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.3.4.	Human Interactions with Earth Systems
INDICATORS OF PROGRESS / STRAND	8.3.4.1.	The student will understand that in order to maintain and improve their existence, humans interact with and influence Earth systems.
INDICATORS OF PROGRESS	8.3.4.1.1.	Describe how mineral and fossil fuel resources have formed over millions of years, and explain why these resources are finite and non-renewable over human time frames. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii The Amazon Rainforest - Part 2 - Older Grades

**Minnesota Academic Standards
Social Studies**

Grade: 8 - Adopted: 2012

CONTENT STANDARD / DOMAIN	MN.8.	Grade 8: Global Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.1.	Citizenship and Government
INDICATORS OF PROGRESS / STRAND	8.1.5.	Relationships of the United States to other nations and organizations
INDICATORS OF PROGRESS	8.1.5.13.	Governments are based on different political philosophies and are established to serve various purposes.
INDICATOR	8.1.5.13.1.	Explain how different types of governments reflect historically and culturally specific understandings of the relationships between the individual, government and society. <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization
CONTENT STANDARD / DOMAIN	MN.8.	Grade 8: Global Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.2.	Economics

INDICATORS OF PROGRESS / STRAND	8.2.1.	Economic Reasoning Skills
INDICATORS OF PROGRESS	8.2.1.1.	People make informed economic choices by identifying their goals, interpreting and applying data, considering the short- and long-run costs and benefits of alternative choices and revising their goals based on their analysis.
INDICATOR	8.2.1.1.1.	Apply reasoned decision-making techniques in making choices; explain why different governments faced with the same alternatives might make different choices. <u>Virtual Field Trips</u> Ancient Greece - Birthplace of Democracy
CONTENT STANDARD / DOMAIN	MN.8.	Grade 8: Global Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.2.	Economics
INDICATORS OF PROGRESS / STRAND	8.2.5.	Macro-economics
INDICATORS OF PROGRESS	8.2.5.12.	International trade, exchange rates and international institutions affect individuals, organizations and governments throughout the world.
INDICATOR	8.2.5.12.1.	Explain why trade is mutually beneficial to countries; define and apply absolute and comparative advantage with respect to international trade. <u>Virtual Field Trips</u> Exploring Cuba
CONTENT STANDARD / DOMAIN	MN.8.	Grade 8: Global Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.3.	Geography
INDICATORS OF PROGRESS / STRAND	8.3.1.	Geospatial Skills
INDICATORS OF PROGRESS	8.3.1.2.	Geographic inquiry is a process in which people ask geographic questions and gather, organize and analyze information to solve problems and plan for the future.
INDICATOR	8.3.1.2.1.	Formulate questions about topics in geography; pose possible answers; use geospatial technology to analyze problems and make decisions within a spatial context. <u>Virtual Field Trips</u> Exploring Cuba 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) Tokyo - City of Contrasts
CONTENT STANDARD / DOMAIN	MN.8.	Grade 8: Global Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.3.	Geography
INDICATORS OF PROGRESS / STRAND	8.3.2.	Places and Regions

INDICATORS OF PROGRESS	8.3.2.3.	Places have physical characteristics (such as climate, topography and vegetation) and human characteristics (such as culture, population, political and economic systems).
INDICATOR	8.3.2.3.1.	Use appropriate geographic tools to analyze and explain the distribution of physical and human characteristics of places. <u>Virtual Field Trips</u> 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 STANDARD / DOMAIN	MN.8.	Grade 8: Global Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.3.	Geography
INDICATORS OF PROGRESS / STRAND	8.3.3.	Human Systems
INDICATORS OF PROGRESS	8.3.3.5.	The characteristics, distribution and migration of human populations on the earth's surface influence human systems (cultural, economic and political systems).
INDICATOR	8.3.3.5.1.	Describe the locations of human populations and the cultural characteristics of the United States and Canada. <u>Virtual Field Trips</u> Canada - An Overview Washington, DC - Grades 6 - 12
INDICATOR	8.3.3.5.2.	Describe the locations of human populations and the cultural characteristics of Latin America, including how the contemporary pattern of cities resulted from a combination of pre-European contact, colonial, and industrial urban societies. <u>Virtual Field Trips</u> Exploring Cuba
INDICATOR	8.3.3.5.3.	Describe the locations of human populations and the cultural characteristics of Europe and Russia, including the role of migration patterns, and the impact of aging population and other effects of demographic transition. <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol London - City of Pomp & Majesty Paris - City of Light - Grades 6 - 12 Paris - La Ville Lumiere (En Francais)
CONTENT STANDARD / DOMAIN	MN.8.	Grade 8: Global Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.3.	Geography

INDICATORS OF PROGRESS / STRAND	8.3.3.	Human Systems
INDICATORS OF PROGRESS	8.3.3.6.	Geographic factors influence the distribution, functions, growth and patterns of cities and human settlements.
INDICATOR	8.3.3.6.1.	Describe how the physical and environmental features of the United States and Canada affect human activity and settlement. <u>Virtual Field Trips</u> Canada - An Overview
INDICATOR	8.3.3.6.2.	Describe how the physical and environmental features of Latin America affect human activity and settlement. <u>Virtual Field Trips</u> Exploring Cuba
INDICATOR	8.3.3.6.3.	Describe how the physical and environmental features of Europe and Russia affect human activity and settlement. <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol London - City of Pomp & Majesty Paris - City of Light - Grades 6 - 12 Paris - La Ville Lumiere (En Francais)
CONTENT STANDARD / DOMAIN	MN.8.	Grade 8: Global Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.3.	Geography
INDICATORS OF PROGRESS / STRAND	8.3.4.	Human Environment Interaction
INDICATORS OF PROGRESS	8.3.4.10.	The meaning, use, distribution and importance of resources changes over time.
INDICATOR	8.3.4.10.3.	Describe the changing role of Latin America in global trade networks. <u>Virtual Field Trips</u> Exploring Cuba
CONTENT STANDARD / DOMAIN	MN.8.	Grade 8: Global Studies
PERFORMANCE INDICATOR / DOMAIN COMPONENT	8.4.	History
INDICATORS OF PROGRESS / STRAND	8.4.3.	World History
INDICATORS OF PROGRESS	8.4.3.14.	Globalization, the spread of capitalism and the end of the Cold War have shaped a contemporary world still characterized by rapid technological change, dramatic increases in global population and economic growth coupled with persistent economic and social disparities and cultural conflict. (The New Global Era: 1989 to Present)
INDICATOR	8.4.3.14.3.	Describe varieties of religious beliefs and practices in the contemporary world including Shamanism/Animism, Hinduism, Buddhism, Judaism, Christianity and Islam. (The New Global Era: 1989 to Present) <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades)
Grade: 8 - Adopted: 2010		
CONTENT STANDARD / DOMAIN	MN.6.12.	Reading Benchmarks: Literacy in History/Social Studies 6-12

PERFORMANCE INDICATOR / DOMAIN COMPONENT		Key Ideas and Details
INDICATORS OF PROGRESS / STRAND	6.12.3.3.	<p>a text's description of a process related to history/social studies (e.g., how a bill becomes law, how interest rates are raised or lowered, how individuals become noteworthy, how ideas develop, how geography influences history).</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>

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