

Main Criteria: Illinois Learning Standards
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 8
Correlation Options: Show Correlated

Illinois Learning Standards
Science
Grade: 8 - Adopted: 2014

STATE GOAL / DISCIPLINARY CONCEPT	IL.MS-PS.	PHYSICAL SCIENCE
LEARNING STANDARD / DISCIPLINE	MS-PS1.	Matter and Its Interactions
DESCRIPTOR / CONTENT DISCIPLINE		Students who demonstrate understanding can:

STANDARD MS-PS1-3. Gather and make sense of information to describe that synthetic materials come from natural resources and impact society.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

STATE GOAL / DISCIPLINARY CONCEPT	IL.MS-LS.	LIFE SCIENCE
LEARNING STANDARD / DISCIPLINE	MS-LS1.	From Molecules to Organisms: Structures and Processes
DESCRIPTOR / CONTENT DISCIPLINE		Students who demonstrate understanding can:

STANDARD MS-LS1-5. Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.

Virtual Field Trips

Galapagos Islands

STATE GOAL / DISCIPLINARY CONCEPT	IL.MS-LS.	LIFE SCIENCE
LEARNING STANDARD / DISCIPLINE	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
DESCRIPTOR / CONTENT DISCIPLINE		Students who demonstrate understanding can:

STANDARD MS-LS2-2. Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.

Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Coast to Coast

Galapagos Islands

National Parks - Alaska & Hawaii

STANDARD	MS-LS2-3.	Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
STANDARD	MS-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Alaska & Hawaii National Parks - Washington, Oregon, Idaho, Montana, Colorado
STANDARD	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah

STATE GOAL / DISCIPLINARY CONCEPT	IL.MS-ESS.	EARTH AND SPACE SCIENCE
LEARNING STANDARD / DISCIPLINE	MS-ESS2.	Earth's Systems
DESCRIPTOR / CONTENT DISCIPLINE		Students who demonstrate understanding can:

STANDARD	MS-ESS2-1.	Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
STANDARD	MS-ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah

STANDARD	MS-ESS2-3.	Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Wyoming, Utah
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STANDARD	MS-ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions. Virtual Field Trips Canada: Coast to Coast
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STANDARD	MS-ESS2-6.	Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates. Virtual Field Trips Galapagos Islands
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STATE GOAL / DISCIPLINARY CONCEPT	IL.MS-ESS.	EARTH AND SPACE SCIENCE
LEARNING STANDARD / DISCIPLINE	MS-ESS3.	Earth and Human Activity
DESCRIPTOR / CONTENT DISCIPLINE		Students who demonstrate understanding can:

STANDARD	MS-ESS3-1.	Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California
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STANDARD	MS-ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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STANDARD	MS-ESS3-4.	Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8
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STANDARD	MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.
		<u>Virtual Field Trips</u> Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado

Illinois Learning Standards
Social Studies
Grade: 8 - Adopted: 2022

STATE GOAL / DISCIPLINARY CONCEPT		Inquiry Skills – Grades 6-8
LEARNING STANDARD / DISCIPLINE		Developing Questions and Planning Inquiries
DESCRIPTOR / CONTENT DISCIPLINE		Constructing Essential Questions

STANDARD	SS.6-8.IS.1.LC.	Create essential questions that consider multiple perspectives to guide inquiry about a topic.
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Virtual Field Trips
Ancient Egypt - Land of the Pharaohs
Ancient Egypt - Land of the Pyramids
Ancient Greece
Ancient Mayan Civilization
Ancient Rome
Canada: Coast to Coast
Canada: Our Northern Neighbor
Rome - The Eternal City

STATE GOAL / DISCIPLINARY CONCEPT		Inquiry Skills – Grades 6-8
LEARNING STANDARD / DISCIPLINE		Developing Questions and Planning Inquiries
DESCRIPTOR / CONTENT DISCIPLINE		Constructing Supporting Questions

STANDARD	SS.6-8.IS.1.Md C.	Ask essential and focused questions that consider multiple perspectives and will lead to independent research.
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Virtual Field Trips
Ancient Egypt - Land of the Pharaohs
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STATE GOAL / DISCIPLINARY CONCEPT		Disciplinary Concepts - Grades 6-8
LEARNING STANDARD / DISCIPLINE		Economics and Financial Literacy

DESCRIPTOR / CONTENT DISCIPLINE		The National and Global Economy
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STANDARD	SS.6- 8.EC.3.Md C.	Explain barriers to trade and how those barriers influence trade among nations. Virtual Field Trips Exploring Cuba
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STATE GOAL / DISCIPLINARY CONCEPT		Disciplinary Concepts - Grades 6-8
LEARNING STANDARD / DISCIPLINE		Geography
DESCRIPTOR / CONTENT DISCIPLINE		Geographic Representations

STANDARD	SS.6- 8.G.1.LC.	Use geographic representations (e.g., maps, photographs, satellite images) to explain relationships between the locations (places and regions) and changes in their environment. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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STANDARD	SS.6- 8.G.1.Md C.	Use mapping and graphing to represent and analyze spatial patterns of different environmental and cultural characteristics. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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STATE GOAL / DISCIPLINARY CONCEPT		Disciplinary Concepts - Grades 6-8
LEARNING STANDARD / DISCIPLINE		Geography
DESCRIPTOR / CONTENT DISCIPLINE		Human-Environment Interaction

STANDARD	SS.6- 8.G.2.LC.	Explain how humans and their environment affect one another. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8
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STANDARD	SS.6-8.G.2.Md.C.	Compare and contrast the cultural and environmental characteristics of different places or regions. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Barcelona Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba London - City of Pomp & Majesty National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Paris - City of Light - Grades 6 - 8 Tokyo - City of Contrasts
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STANDARD	SS.6-8.G.2.MC.	Evaluate how cultural and economic decisions influence environments and the daily lives of people in both nearby and distant places. Virtual Field Trips Canada: Our Northern Neighbor
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STATE GOAL / DISCIPLINARY CONCEPT		Disciplinary Concepts - Grades 6-8
LEARNING STANDARD / DISCIPLINE		Geography
DESCRIPTOR / CONTENT DISCIPLINE		Human Population

STANDARD	SS.6-8.G.3.LC.	Explain how environmental characteristics affect human migration and settlement. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8
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STATE GOAL / DISCIPLINARY CONCEPT		Disciplinary Concepts - Grades 6-8
LEARNING STANDARD / DISCIPLINE		Geography
DESCRIPTOR / CONTENT DISCIPLINE		Global Interconnections

STANDARD	SS.6-8.G.4.LC.	Identify how cultural and environmental characteristics vary among regions of the world. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Barcelona Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba London - City of Pomp & Majesty National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Paris - City of Light - Grades 6 - 8 Tokyo - City of Contrasts
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STANDARD	SS.6-8.G.4.Md C.	Explain how global changes in population distribution patterns affect changes in land use. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor
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STANDARD	SS.6-8.G.4.MC.	Analyze how the environmental characteristics of places and production of goods influence patterns of world trade. Virtual Field Trips Canada: Our Northern Neighbor Exploring Cuba
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STATE GOAL / DISCIPLINARY CONCEPT		Disciplinary Concepts - Grades 6-8
LEARNING STANDARD / DISCIPLINE		History
DESCRIPTOR / CONTENT DISCIPLINE		Change, Continuity, and Context

STANDARD	SS.6-8.H.1.LC.	Identify and describe the contexts of a series of historical events and developments as examples of change and/or continuity based on the perspectives of multiple diverse groups. Virtual Field Trips Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Rome - The Eternal City
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STANDARD	SS.6-8.H.1.Md C.	Analyze connections and disconnections among events and developments in broader historical contexts and identify the effects of events on groups of people who have been marginalized. Virtual Field Trips Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Rome - The Eternal City
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STANDARD	SS.6-8.H.1.MC.	Evaluate the significance of historical events to multiple groups and the relationship to modern-day movements and events. Virtual Field Trips Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Rome - The Eternal City
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STATE GOAL / DISCIPLINARY CONCEPT		Disciplinary Concepts - Grades 6-8
LEARNING STANDARD / DISCIPLINE		History
DESCRIPTOR / CONTENT DISCIPLINE		Perspectives

STANDARD	SS.6-8.H.2.LC.	Explain how and why perspectives of people have changed over time. Virtual Field Trips Canada: Our Northern Neighbor
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STANDARD	SS.6-8.H.2.Md C.	Analyze and compare multiple factors that influenced the perspectives of multiple groups of people during different historical eras relevant to the cultural groups. Virtual Field Trips Canada: Our Northern Neighbor
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STANDARD	SS.6-8.H.2.MC.	Evaluate how perspectives of multiple individuals and groups have impacted the availability of information and the creation of historical sources. Virtual Field Trips Canada: Our Northern Neighbor
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STATE GOAL / DISCIPLINARY CONCEPT		Disciplinary Concepts - Grades 6-8
LEARNING STANDARD / DISCIPLINE		History
DESCRIPTOR / CONTENT DISCIPLINE		Causation and Argumentation

STANDARD	SS.6-8.H.4.LC.	Describe the differences between correlation and causation in historical events and explain multiple causes and effects of historical events. Virtual Field Trips Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Rome - The Eternal City
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