

**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

<b>STATE GOAL / DISCIPLINARY CONCEPT</b>	<b>IL.MS-PS.</b>	<b>PHYSICAL SCIENCE</b>
<b>LEARNING STANDARD / DISCIPLINE</b>	<b>MS-PS1.</b>	<b>Matter and Its Interactions</b>
<b>DESCRIPTOR / CONTENT DISCIPLINE</b>		Students who demonstrate understanding can:
<b>STANDARD</b>	<b>MS-PS1-3.</b>	Gather and make sense of information to describe that synthetic materials come from natural resources and impact society.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
<b>STATE GOAL / DISCIPLINARY CONCEPT</b>	<b>IL.MS-LS.</b>	<b>LIFE SCIENCE</b>
<b>LEARNING STANDARD / DISCIPLINE</b>	<b>MS-LS1.</b>	<b>From Molecules to Organisms: Structures and Processes</b>
<b>DESCRIPTOR / CONTENT DISCIPLINE</b>		Students who demonstrate understanding can:
<b>STANDARD</b>	<b>MS-LS1-5.</b>	Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
<b>STATE GOAL / DISCIPLINARY CONCEPT</b>	<b>IL.MS-LS.</b>	<b>LIFE SCIENCE</b>
<b>LEARNING STANDARD / DISCIPLINE</b>	<b>MS-LS2.</b>	<b>Ecosystems: Interactions, Energy, and Dynamics</b>
<b>DESCRIPTOR / CONTENT DISCIPLINE</b>		Students who demonstrate understanding can:
<b>STANDARD</b>	<b>MS-LS2-2.</b>	Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) National Parks - West - Alaska & Hawaii The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
<b>STANDARD</b>	<b>MS-LS2-3.</b>	Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.  <u>Virtual Field Trips</u> 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

STANDARD	MS-LS2-4.	<p>Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.</p> <p><u>Virtual Field Trips</u>  Galapagos Islands  Galapagos Islands - Espagnol  La Selva Amazonica - Pte 1 (En Espagnol)  National Parks - West - Alaska &amp; 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>
STANDARD	MS-LS2-5.	<p>Evaluate competing design solutions for maintaining biodiversity and ecosystem services.</p> <p><u>Virtual Field Trips</u>  Galapagos Islands  Galapagos Islands - Espagnol  National Parks - West - Alaska &amp; 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>
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.	<p>Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process.</p> <p><u>Virtual Field Trips</u>  The Amazon Rainforest - Part 2 - Older Grades</p>
STANDARD	MS-ESS2-2.	<p>Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales.</p> <p><u>Virtual Field Trips</u>  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1</p>
STANDARD	MS-ESS2-3.	<p>Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions.</p> <p><u>Virtual Field Trips</u>  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1</p>
STANDARD	MS-ESS2-6.	<p>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.</p> <p><u>Virtual Field Trips</u>  Galapagos Islands  Galapagos Islands - Espagnol</p>

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.  <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California
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.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
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> National Parks - West - Alaska & Hawaii National Parks of the Western Region - Part 1

### Illinois Learning Standards

#### Social Studies

Grade: 8 - Adopted: 2017

STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts
LEARNING STANDARD / DISCIPLINE	SS.CV.	Civics
DESCRIPTOR / CONTENT DISCIPLINE		Civic and Political Institutions
STANDARD		More Complex (MC)
EXPECTATION	SS.CV.2.6-8.MC.	Analyze the powers and limits of governments, public officials, and bureaucracies at different levels in the United States and other countries.  <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts
LEARNING STANDARD / DISCIPLINE	SS.G.	Geography
DESCRIPTOR / CONTENT DISCIPLINE		Human-Environment Interaction
STANDARD		Less Complex (LC)
EXPECTATION	SS.G.2.6-8.LC.	Explain how humans and their environment affect one another.  <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
STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts

LEARNING STANDARD / DISCIPLINE	SS.G.	Geography
DESCRIPTOR / CONTENT DISCIPLINE		Human-Environment Interaction
STANDARD		Moderately Complex (MdC)
EXPECTATION	SS.G.2.6-8.MdC.	Compare and contrast the cultural and environmental characteristics of different places or regions.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts
LEARNING STANDARD / DISCIPLINE	SS.G.	Geography
DESCRIPTOR / CONTENT DISCIPLINE		Human Population
STANDARD		More Complex (MC)
EXPECTATION	SS.G.3.6-8.MC.	Evaluate the influences of long-term human-induced environmental change on spatial patterns of conflict and cooperation.  <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
STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts
LEARNING STANDARD / DISCIPLINE	SS.G.	Geography
DESCRIPTOR / CONTENT DISCIPLINE		Global Interconnections
STANDARD		Less Complex (LC)
EXPECTATION	SS.G.4.6-8.LC.	Identify how cultural and environmental characteristics vary among regions of the world.  <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
STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts
LEARNING STANDARD / DISCIPLINE	SS.G.	Geography
DESCRIPTOR / CONTENT DISCIPLINE		Global Interconnections
STANDARD		More Complex (MC)
EXPECTATION	SS.G.4.6-8.MC.	Analyze how the environmental characteristics of places and production of goods influence patterns of world trade.

		<u>Virtual Field Trips</u> Exploring Cuba
STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts
LEARNING STANDARD / DISCIPLINE	SS.EC.	Economics and Financial Literacy
DESCRIPTOR / CONTENT DISCIPLINE		National and Global Economy
STANDARD		Moderately Complex (MdC)
EXPECTATION	SS.EC.3.6-8.MdC.	Explain barriers to trade and how those barriers influence trade among nations.  <u>Virtual Field Trips</u> Exploring Cuba
STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts
LEARNING STANDARD / DISCIPLINE	SS.H.	History
DESCRIPTOR / CONTENT DISCIPLINE		Change, Continuity, and Context
STANDARD		Less Complex (LC)
EXPECTATION	SS.H.1.6-8.LC.	Classify series of historical events and developments as examples of change and/or continuity.  <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
STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts
LEARNING STANDARD / DISCIPLINE	SS.H.	History
DESCRIPTOR / CONTENT DISCIPLINE		Change, Continuity, and Context
STANDARD		Moderately Complex (MdC)
EXPECTATION	SS.H.1.6-8.MdC.	Analyze connections among events and developments in broader historical contexts.  <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
STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts
LEARNING STANDARD / DISCIPLINE	SS.H.	History
DESCRIPTOR / CONTENT DISCIPLINE		Change, Continuity, and Context
STANDARD		More Complex (MC)
EXPECTATION	SS.H.1.6-8.MC.	Use questions generated about individuals and groups to analyze why they, and the developments they shaped, are seen as historically significant.

		<u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
STATE GOAL / DISCIPLINARY CONCEPT	IL.SS.6-8.	Disciplinary Concepts
LEARNING STANDARD / DISCIPLINE	SS.H.	History
DESCRIPTOR / CONTENT DISCIPLINE		Causation and Argumentation
STANDARD		Less Complex (LC)
EXPECTATION	SS.H.4.6-8.LC.	Explain multiple causes and effects of historical events.  <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

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