Connecticut State Standards
Science
Grade: **7** - Adopted: **2015**

DOMAIN / CONTENT STANDARD	NGSS.MS-PS.	PHYSICAL SCIENCE
STATE FRAMEWORK	MS-PS1.	Matter and Its Interactions
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

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

Social Studies Online
Amazon Rainforest - People and Threats - Grades 6-8

DOMAIN / CONTENT STANDARD	NGSS.MS-LS.	LIFE SCIENCE
STATE FRAMEWORK	MS-LS1.	From Molecules to Organisms: Structures and Processes
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

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

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Galapagos Islands

DOMAIN / CONTENT STANDARD	NGSS.MS-LS.	LIFE SCIENCE
STATE FRAMEWORK	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

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

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Amazon Rainforest - Grades 6-8
Amazon Rainforest - People and Threats - Grades 6-8
Canada: Coast to Coast
Galapagos Islands
National Parks - Alaska & Hawaii

INDICATOR	MS-LS2-3.	Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.

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INDICATOR	MS-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.

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INDICATOR	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services.

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National Parks - Washington, Oregon, Idaho, Montana, Colorado
National Parks - Wyoming, Utah

DOMAIN / CONTENT STANDARD	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
STATE FRAMEWORK	MS-ESS2.	Earth's Systems
GRADE LEVEL EXPECTATION		Students who demonstrate understanding can:

INDICATOR	MS-ESS2-1.	Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process.

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INDICATOR	MS-ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales.

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National Parks - Nevada, California
National Parks - Washington, Oregon, Idaho, Montana, Colorado
National Parks - Wyoming, Utah

INDICATOR	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.

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National Parks - Wyoming, Utah

INDICATOR	MS-ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions.

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INDICATOR	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.

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DOMAIN / CONTENT STANDARD	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
STATE FRAMEWORK	MS-ESS3.	**Earth and Human Activity**
GRADE LEVEL EXPECTATION		**Students who demonstrate understanding can:**

INDICATOR	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.

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National Parks - Alaska & Hawaii
National Parks - Nevada, California

INDICATOR	MS-ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.

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INDICATOR	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.

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INDICATOR	MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.

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National Parks - Washington, Oregon, Idaho, Montana, Colorado

DOMAIN / CONTENT STANDARD		Grade 7: World Regional Studies II
STATE FRAMEWORK		Grade 7 Inquiry Standards
GRADE LEVEL EXPECTATION	2	Apply Disciplinary Concepts and Tools

INDICATOR   7.Inq.2.a.   Apply disciplinary knowledge and practices to demonstrate an understanding of world regional studies content.

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Ancient China - Qin & Han Dynasties
Canada: Coast to Coast
Canada: Our Northern Neighbor

DOMAIN / CONTENT STANDARD		Grade 7: World Regional Studies II
STATE FRAMEWORK		Grade 7 Content Standards
GRADE LEVEL EXPECTATION	7-1.	Movement and Cultural Diffusion

INDICATOR   7.Geo.3.a .   Analyze cultural diffusion among regions using paper based and digital mapping techniques (e.g., expansion, relocation).

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Ancient China - Qin & Han Dynasties

INDICATOR   7.Geo.8. a.   Analyze how human-environment interactions influence movement and settlement (e.g., Floating City Of Ganvie, The Dry Corridor, Tenochtitlán, Silk Road, trans-Saharan caravans).

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Ancient China - Qin & Han Dynasties

INDICATOR   7.Geo.10 .a.   Analyze how cultural characteristics vary among regions and shape diversity of local communities (e.g., cultural centers, diasporas, cultural universals, taboos, linguistics).

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| INDICATOR | 7.Geo.10.b. | Analyze how environmental characteristics vary among regions (e.g., climate, natural disasters, waterways, mountain ranges, deserts).

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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 - 12
Tokyo - City of Contrasts |
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| INDICATOR | 7.Geo.12.a. | Explain how global changes in population distribution patterns have affected land use in a region (e.g., the Pampas, Deforestation in the Amazon, Southwest United States population boom).

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Canada: Our Northern Neighbor |

DOMAIN / CONTENT STANDARD		Grade 7: World Regional Studies II
STATE FRAMEWORK		Grade 7 Content Standards
GRADE LEVEL EXPECTATION	7-2.	Governance and Human Rights

| INDICATOR | 7.His.9.a. | Classify the kinds of historical sources used in a secondary interpretations of a globally or regionally significant event or issue (e.g., genocide, natural disasters, climate change, refugee crises, human trafficking).

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| INDICATOR | 7.His.2.a. | Describe a series of political events and developments that reflect change and continuity throughout the history of a region (e.g., trans-Saharan Migration, Spanish Conquest of Hispaniola, Mexican Revolution, Cuban Revolution, Latin American independence, Apartheid, Central African Republic Civil War, Yogyakarta Principles, Timbuktu).

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DOMAIN / CONTENT STANDARD		Grade 7: World Regional Studies II
STATE FRAMEWORK		Grade 7 Content Standards
GRADE LEVEL EXPECTATION	7-3.	Regional and Global Economics

| INDICATOR | 7.Eco.5.a. | Explain ways in which money facilitates the exchange of goods and services in both historical and contemporary contexts (e.g., cattle, Cowrie shells, wampum, coins, banknotes, credit cards, cryptocurrency). |

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