

Main Criteria: Connecticut Core Standards

Secondary Criteria: Social Studies Online

Subjects: Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

Connecticut Core Standards

Science

Grade: 8 - Adopted: 2015

Does not include:

- Canada
- Ancient China
- Northeast Region
- Midwest Region
- Sahara Desert
- Southwest Region
- Western Region

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. <u>Social Studies Online</u> The Amazon Rainforest - Part 2 - Older Grades
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. <u>Social Studies Online</u> Galapagos Islands Galapagos Islands - Espagnol
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. <u>Social Studies Online</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
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.

		Social Studies Online 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
INDICATOR	MS-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations. Social Studies Online 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 - WA, OR, ID, MT, CO The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
INDICATOR	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services. Social Studies Online Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO The Amazon Rainforest - Part 2 - Older Grades
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. Social Studies Online The Amazon Rainforest - Part 2 - Older Grades
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. Social Studies Online National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO
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. Social Studies Online National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO
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. Social Studies Online Galapagos Islands Galapagos Islands - Español
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. Social Studies Online National Parks - West - Alaska & Hawaii National Parks West - Nevada, California
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. Social Studies Online The Amazon Rainforest - Part 2 - Older Grades
INDICATOR	MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century. Social Studies Online National Parks - West - Alaska & Hawaii National Parks - WA, OR, ID, MT, CO

Connecticut Core Standards

Social Studies

Grade: 8 - Adopted: 2015

DOMAIN / CONTENT STANDARD	CT.SS.8.	UNITED STATES HISTORY
STATE FRAMEWORK	8.2.	DIMENSION 2: APPLYING DISCIPLINARY CONCEPTS AND TOOLS - Adapted In Grade 8, the focus is on the disciplinary concepts and skills students need to understand and apply as they study U.S. History. These disciplinary ideas are the lenses students use in their inquiries, and the consistent and coherent application of these lenses in Grade 8 should lead to deep and enduring understanding. (C3, p. 29) The focus of the eighth-grade course is on the discipline of history. History is supported through an interdisciplinary approach that includes civics, economics, and geography.
GRADE LEVEL EXPECTATION		HISTORY
INDICATOR		Change, Continuity and Context
INDICATOR	HIST 8.1.	Analyze connections among events and developments in historical contexts. Social Studies Online Washington, DC - Grades 6 - 8
INDICATOR	HIST 8.2.	Classify series of historical events and developments as examples of change and/or continuity. Social Studies Online Washington, DC - Grades 6 - 8
DOMAIN / CONTENT STANDARD	CT.SS.8.	UNITED STATES HISTORY

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GRADE LEVEL EXPECTATION		HISTORY
INDICATOR		Perspectives
INDICATOR	HIST 8.3.	Analyze multiple factors that influenced the perspectives of people during different historical eras. Social Studies Online Washington, DC - Grades 6 - 8
INDICATOR	HIST 8.4.	Explain how and why perspectives of people have changed over time (e.g., American Revolution, slavery, labor, the role of women). Social Studies Online Washington, DC - Grades 6 - 8
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GRADE LEVEL EXPECTATION		HISTORY
INDICATOR		Causation and Argumentation
INDICATOR	HIST 8.9.	Explain multiple causes and effects of events and developments in the past. Social Studies Online Washington, DC - Grades 6 - 8
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GRADE LEVEL EXPECTATION		ECONOMICS
INDICATOR		The Global Economy
INDICATOR	ECO 8.6.	Explain the benefits and the costs of trade policies to individuals, businesses, and society. Social Studies Online Exploring Cuba

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GRADE LEVEL EXPECTATION		GEOGRAPHY
INDICATOR		Human-Environment Interaction: Places, Regions, and Culture
INDICATOR	GEO 8.2.	Analyze the combinations of cultural and environmental characteristics that make places both similar to and different from other places. <u>Social Studies Online</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO Washington, DC - Grades 6 - 8
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GRADE LEVEL EXPECTATION		GEOGRAPHY
INDICATOR		Global Interconnections
INDICATOR	GEO 8.4.	Explain how the relationship between the environmental characteristics of places and production of goods influences the spatial patterns of world trade. <u>Social Studies Online</u> Exploring Cuba