

Main Criteria: Vermont Framework of Standards and Learning
Secondary Criteria: Social Studies Online
Subjects: Science, Social Studies
Grade: 8
Correlation Options: Show Correlated

Vermont Framework of Standards and Learning
Science
Grade: **8** - Adopted: **2014**

Does not include:

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

STANDARD / STRAND	VT.MS-PS.	PHYSICAL SCIENCE
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD	MS-PS1.	Matter and Its Interactions
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL		Students who demonstrate understanding can:
GRADE LEVEL EXPECTATION	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
STANDARD / STRAND	VT.MS-LS.	LIFE SCIENCE
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD	MS-LS1.	From Molecules to Organisms: Structures and Processes
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL		Students who demonstrate understanding can:
GRADE LEVEL EXPECTATION	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
STANDARD / STRAND	VT.MS-LS.	LIFE SCIENCE
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL		Students who demonstrate understanding can:
GRADE LEVEL EXPECTATION	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
GRADE LEVEL EXPECTATION	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
GRADE LEVEL EXPECTATION	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
GRADE LEVEL EXPECTATION	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
STANDARD / STRAND	VT.MS-ESS.	EARTH AND SPACE SCIENCE
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD	MS-ESS2.	Earth's Systems
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL		Students who demonstrate understanding can:
GRADE LEVEL EXPECTATION	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
GRADE LEVEL EXPECTATION	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
GRADE LEVEL EXPECTATION	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
GRADE LEVEL EXPECTATION	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 - Espagnol
STANDARD / STRAND	VT.MS-ESS.	EARTH AND SPACE SCIENCE
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD	MS-ESS3.	Earth and Human Activity
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL		Students who demonstrate understanding can:
GRADE LEVEL EXPECTATION	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
GRADE LEVEL EXPECTATION	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
GRADE LEVEL EXPECTATION	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

Vermont Framework of Standards and Learning
Social Studies

Grade: 8 - Adopted: 2017

STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		CIVICS: Civic and Political Institutions
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Civ.4.6-8.	Explain the powers and limits of the three branches of government, public officials, and bureaucracies at different levels in the United States and in other countries. Social Studies Online Washington, DC - Grades 6 - 8
STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		ECONOMICS: Exchange and Markets
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Eco.5.6-8.	Explain ways in which money facilitates exchange by reducing transactional costs. Social Studies Online Barcelona - English Barcelona - Espagnol
STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools

ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		ECONOMICS: The Global Economy
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Eco.15.6-8.	Explain the benefits and the costs of trade policies to individuals, businesses, and society. Social Studies Online Exploring Cuba
STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		GEOGRAPHY: Human-Environment Interaction: Place, Regions, and Culture
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.4.6-8.	Explain how cultural patterns and economic decisions influence environments and the daily lives of people in both nearby and distant places. Social Studies Online The Amazon Rainforest - Part 2 - Older Grades
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.5.6-8.	Analyze the combinations of cultural and environmental characteristics that make places both similar to and different from other places. Social Studies Online Barcelona - English Barcelona - Espagnol Canada 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 - WA, OR, ID, MT, CO Highlights of Paris – Grades 6 – 8 Paris - La Ville Lumiere (En Francais) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades Tokyo - City of Contrasts
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.6.6-8.	Explain how the physical and human characteristics of places and regions are connected to human identities and cultures. Social Studies Online Barcelona - English Barcelona - Espagnol Canada 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 - WA, OR, ID, MT, CO Highlights of Paris – Grades 6 – 8 Paris - La Ville Lumiere (En Francais) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades Tokyo - City of Contrasts
STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		GEOGRAPHY: Global Interconnections: Changing Spatial Patterns
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.10.6-8.	Analyze the ways in which cultural and environmental characteristics vary among various regions of the world.

		Social Studies Online The Amazon Rainforest - Part 2 - Older Grades
STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		HISTORY: Change, Continuity, and Context
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.1.6-8.	Analyze connections among events and developments in broader historical contexts. Social Studies Online Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Rome - The Eternal City
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.2.6-8.	Classify series of historical events and developments as examples of change and/or continuity. Social Studies Online Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Rome - The Eternal City
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.3.6-8.	Use questions generated about individuals and groups to analyze why they, and the developments they shaped, are seen as historically significant. Social Studies Online Washington, DC - Grades 6 - 8
STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		HISTORY: Causation and Argumentation
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.14.6-8.	Explain multiple causes and effects of events and developments in the past. Social Studies Online Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Rome - The Eternal City
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.15.6-8.	Evaluate the relative influence of various causes of events and developments in the past. Social Studies Online Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Rome - The Eternal City
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.16.6-8.	Organize applicable evidence into a coherent argument about the past. Social Studies Online Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece

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