

Main Criteria: DC Educational Standards
Secondary Criteria: Social Studies Online
Subjects: Science, Social Studies
Grade: 8
Correlation Options: Show Correlated

DC Educational Standards
Science
Grade: 8 - Adopted: 2013

Does not include:

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

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

DC Educational Standards

Social Studies

Grade: 8 - Adopted: 2011

CONTENT STANDARD / STRAND / DISCIPLINE	DC.8.	U.S. History and Geography I: Growth and Conflict
STANDARD / ESSENTIAL SKILL		A NEW NATION (1720–1787)
STUDENT EXPECTATION / ESSENTIAL SKILL	8.2.	Students understand the major events preceding the founding of the nation and relate their significance to the development of American constitutional democracy.
EXPECTATION	8.2.6.	Explain the nation's blend of civic republicanism, classical liberal principles, and English parliamentary traditions. (P) Social Studies Online Washington, DC - Grades 6 - 8
CONTENT STANDARD / STRAND / DISCIPLINE	DC.8.	U.S. History and Geography I: Growth and Conflict
STANDARD / ESSENTIAL SKILL		THE CONSTITUTION OF THE UNITED STATES (1777–1789)
STUDENT EXPECTATION / ESSENTIAL SKILL	8.3.	Students analyze the political principles underlying the U.S. Constitution, and they compare the enumerated and implied powers of the federal government.

EXPECTATION	8.3.4.	Evaluate the major debates that occurred during the development of the Constitution and their ultimate resolutions in such areas as shared power among institutions, divided state-federal power, slavery, the rights of individuals and states (later addressed by the addition of the Bill of Rights), and the status of American Indian nations. (P) Social Studies Online Washington, DC - Grades 6 - 8
EXPECTATION	8.3.6.	Describe the principles of federalism, dual sovereignty, separation of powers, checks and balances, the nature and purpose of majority rule, and the ways in which the American idea of constitutionalism preserves individual rights. (P) Social Studies Online Washington, DC - Grades 6 - 8
CONTENT STANDARD / STRAND / DISCIPLINE	DC.8.	U.S. History and Geography I: Growth and Conflict
STANDARD / ESSENTIAL SKILL		THE RISE OF INDUSTRIAL AMERICA (1877–1914)
STUDENT EXPECTATION / ESSENTIAL SKILL	8.13.	Students analyze the transformation of the American economy and the changing social and political conditions in the United States in response to the Industrial Revolution.
EXPECTATION	8.13.1.	Explain the location and effects of urbanization, renewed immigration, and industrialization (e.g., the effects on social fabric of cities, wealth and economic opportunity, and the conservation movement). (G, S, E) 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

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