

Main Criteria: Pennsylvania Core and Academic Standards

Secondary Criteria: Social Studies Online

Subjects: Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

Pennsylvania Core and Academic Standards

Science

Grade: 8 - Adopted: 2010

SUBJECT / STANDARD AREA	PA.SI.	Science as Inquiry
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STANDARD SI.1. Compare and contrast scientific theories.

AREA /
STATEMENT

Social Studies Online

Galapagos Islands

SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.1.	Biological Sciences
STANDARD	3.1.A.	Organisms and Cells

DESCRIPTOR / 3.1.8.A8. (CHANGE AND CONSTANCY) Explain mechanisms organisms use to adapt to their environment.
STANDARD

Social Studies Online

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Coast to Coast

Galapagos Islands

National Parks - Alaska & Hawaii

National Parks - Nevada, California

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

National Parks - Wyoming, Utah

SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.3.	Earth and Space Sciences
STANDARD	3.3.A.	Earth Structure, Processes and Cycles

DESCRIPTOR / 3.3.8.A1a. Distinguish between physical and chemical weathering.
STANDARD

Social Studies Online

National Parks - Wyoming, Utah

DESCRIPTOR / 3.3.8.A2. Describe renewable and nonrenewable energy resources.
STANDARD

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DESCRIPTOR / STANDARD	3.3.8.A3.	Explain how matter on earth is conserved throughout the geological processes over time. <u>Social Studies Online</u> Amazon Rainforest - People and Threats - Grades 6-8
DESCRIPTOR / STANDARD	3.3.8.A4.	Explain how the oceans form one interconnected circulation system powered by wind, tides, the Earth's rotation, and water density differences. <u>Social Studies Online</u> Galapagos Islands
DESCRIPTOR / STANDARD	3.3.8.A5a	Explain how the curvature of the earth contributes to climate. <u>Social Studies Online</u> Amazon Rainforest - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Nevada, California
DESCRIPTOR / STANDARD	3.3.8.A6b	(MODELS) Explain how satellite images, models, and maps are used to identify Earth's resources. <u>Social Studies Online</u> Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii

SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.4.	Technology and Engineering Education
STANDARD	3.4.B.	Technology and Society

DESCRIPTOR / STANDARD	3.4.8.B2.	Compare and contrast decisions to develop and use technologies as related to environmental and economic concerns. <u>Social Studies Online</u> Amazon Rainforest - People and Threats - Grades 6-8
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DESCRIPTOR / STANDARD	3.4.8.B4.	Explain how societal and cultural priorities and values are reflected in technological devices. <u>Social Studies Online</u> Amazon Rainforest - People and Threats - Grades 6-8
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SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.4.	Technology and Engineering Education
STANDARD	3.4.E.	The Designed World

DESCRIPTOR / STANDARD	3.4.8.E6.	Analyze the steps involved in the manufacturing process (e.g., design, development, production, marketing and servicing of products and systems).
Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor		

SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.1.	Ecology

STANDARD 4.1.8.D. Use the theory of natural selection to examine the causes and consequences of extinction.

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SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.3.	Natural Resources

STANDARD 4.3.8.A. Compare and contrast alternative sources of energy.

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[Canada: Our Northern Neighbor](#)

SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.5.	Humans and the Environment

STANDARD 4.5.8.A. Explain how Best Management Practices (BMP) can be used to mitigate environmental problems.

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Pennsylvania Core and Academic Standards

Social Studies

Grade: 8 - Adopted: 2009

SUBJECT / STANDARD AREA	PA.5.8.	Civics and Government
STANDARD AREA / STATEMENT	5.1.8.	Principles and Documents of Government
STANDARD		Laws and Government

DESCRIPTOR / STANDARD	5.1.8.B.	Outline how different systems of government function. Social Studies Online Canada: Our Northern Neighbor
SUBJECT / STANDARD AREA	PA.5.8.	Civics and Government
STANDARD AREA / STATEMENT	5.3.8.	How Government Works
STANDARD		Government Services
DESCRIPTOR / STANDARD	5.3.8.C.	Describe how local, state, and national governments provide services. Social Studies Online Barcelona
SUBJECT / STANDARD AREA	PA.5.8.	Civics and Government
STANDARD AREA / STATEMENT	5.3.8.	How Government Works
STANDARD		Taxes
DESCRIPTOR / STANDARD	5.3.8.I.	Describe various types of projects and services provided through local, state, and national taxes. Social Studies Online Barcelona
SUBJECT / STANDARD AREA	PA.5.8.	Civics and Government
STANDARD AREA / STATEMENT	5.4.8.	How International Relationships Function
STANDARD		International Organizations
DESCRIPTOR / STANDARD	5.4.8.C.	Explain how common problems (e.g., natural disasters, ethnic conflict, environmental concerns) are addressed by organizations and governments. Social Studies Online Exploring Cuba
SUBJECT / STANDARD AREA	PA.6.8.	Economics
STANDARD AREA / STATEMENT	6.3.8.	Functions of Government
STANDARD		Goods and Services
DESCRIPTOR / STANDARD	6.3.8.A.	Assess the value of public goods and services. Social Studies Online Barcelona

SUBJECT / STANDARD AREA	PA.6.8.	Economics
STANDARD AREA / STATEMENT	6.3.8.	Functions of Government
STANDARD		Government's Role in International Trade

DESCRIPTOR / STANDARD 6.3.8.D. Explain how government actions may affect international trade.

Social Studies Online
Exploring Cuba

SUBJECT / STANDARD AREA	PA.7.8.	Geography
STANDARD AREA / STATEMENT	7.1.8.	Basic Geographic Literacy
STANDARD		Geographic Tools

DESCRIPTOR / STANDARD 7.1.8.A. Explain and illustrate how geographic tools are used to organize and interpret information about people, places, and environments.

Social Studies Online
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

SUBJECT / STANDARD AREA	PA.7.8.	Geography
STANDARD AREA / STATEMENT	7.1.8.	Basic Geographic Literacy
STANDARD		Location of Places and Regions

DESCRIPTOR / STANDARD 7.1.8.B. Explain and locate places and regions as defined by physical and human features.

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Amazon Rainforest - Grades 6-8
Amazon Rainforest - People and Threats - Grades 6-8
Barcelona
Canada: Coast to Coast
Canada: Our Northern Neighbor
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Paris - City of Light - Grades 6 - 12
Tokyo - City of Contrasts

SUBJECT / STANDARD AREA	PA.7.8.	Geography
STANDARD AREA / STATEMENT	7.2.8.	Physical Characteristics of Places and Regions
STANDARD		Physical Characteristics

DESCRIPTOR / STANDARD 7.2.8.A. Explain the characteristics of places and regions.

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 Tokyo - City of Contrasts

SUBJECT / STANDARD AREA	PA.7.8.	Geography
STANDARD AREA / STATEMENT	7.2.8.	Physical Characteristics of Places and Regions
STANDARD		Physical Processes

DESCRIPTOR / STANDARD 7.2.8.B. Explain the physical processes that shape patterns on Earth's surface.

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 National Parks - Alaska & Hawaii

SUBJECT / STANDARD AREA	PA.7.8.	Geography
STANDARD AREA / STATEMENT	7.3.8.	Human Characteristics of Places and Regions
STANDARD		Human Characteristics

DESCRIPTOR / STANDARD 7.3.8.A. Explain the human characteristics of places and regions using the following criteria:

DESCRIPTOR 7.3.8.A.1. Population

Social Studies Online
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DESCRIPTOR 7.3.8.A.2. Culture

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DESCRIPTOR	7.3.8.A.3.	Settlement
		Social Studies Online Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor

DESCRIPTOR	7.3.8.A.4.	Economic activities
		Social Studies Online Canada: Our Northern Neighbor

SUBJECT / STANDARD AREA	PA.7.8.	Geography
STANDARD AREA / STATEMENT	7.4.8.	Interactions Between People and the Environment
STANDARD		Impact of Physical Systems on People

DESCRIPTOR / STANDARD 7.4.8.A. Illustrate the effects of the physical systems on people within regions.

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SUBJECT / STANDARD AREA	PA.7.8.	Geography
STANDARD AREA / STATEMENT	7.4.8.	Interactions Between People and the Environment
STANDARD		Impact of People on Physical Systems

DESCRIPTOR / STANDARD 7.4.8.B. Interpret the effects of people on the physical systems within regions.

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[Amazon Rainforest - People and Threats - Grades 6-8](#)

SUBJECT / STANDARD AREA	PA.8.8.	History
STANDARD AREA / STATEMENT	8.1.8.	Historical Analysis and Skills Development
STANDARD		Continuity and Change over Time

DESCRIPTOR / STANDARD	8.1.8.A.	Compare and contrast events over time and how continuity and change over time influenced those events. <u>Social Studies Online</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Rome - The Eternal City
SUBJECT / STANDARD AREA	PA.8.8.	History
STANDARD AREA / STATEMENT	8.1.8.	Historical Analysis and Skills Development
STANDARD		Fact/Opinion and Points of View

DESCRIPTOR / STANDARD 8.1.8.B. Compare and contrast a historical event, using multiple points of view from primary and secondary sources.

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[Canada: Our Northern Neighbor](#)

SUBJECT / STANDARD AREA	PA.8.8.	History
STANDARD AREA / STATEMENT	8.3.8.	United States History
STANDARD		Contributions of Individuals and Groups (US History)

DESCRIPTOR / STANDARD 8.3.8.A. Examine the role groups and individuals played in the social, political, cultural, and economic development of the United States.

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[National Parks - Alaska & Hawaii](#)
[National Parks - Nevada, California](#)
[National Parks - Washington, Oregon, Idaho, Montana, Colorado](#)
[National Parks - Wyoming, Utah](#)
[Washington, DC - Grades 6 - 12](#)

SUBJECT / STANDARD AREA	PA.8.8.	History
STANDARD AREA / STATEMENT	8.3.8.	United States History
STANDARD		Impact of Continuity and Change on US History
DESCRIPTOR / STANDARD	8.3.8.C.	Summarize how continuity and change have impacted U.S. history.

DESCRIPTOR 8.3.8.C.4. Politics and government

[Social Studies Online](#)
[Washington, DC - Grades 6 - 12](#)

DESCRIPTOR	8.3.8.C.5.	Physical and human geography
		Social Studies Online National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Washington, DC - Grades 6 - 12
SUBJECT / STANDARD AREA	PA.8.8.	History
STANDARD AREA / STATEMENT	8.4.8.	World History
STANDARD		Impact of Continuity and Change (World)
DESCRIPTOR / STANDARD	8.4.8.C.	Illustrate how continuity and change have impacted world history.

DESCRIPTOR	8.4.8.C.1.	Belief systems and religions
		Social Studies Online Jerusalem - Then and Now (Older Grades)

DESCRIPTOR	8.4.8.C.4	Politics and government
		Social Studies Online Canada: Our Northern Neighbor

DESCRIPTOR	8.4.8.C.5	Physical and human geography
		Social Studies Online Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 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

SUBJECT / STANDARD AREA	PA.8.8.	History
STANDARD AREA / STATEMENT	8.4.8.	World History
STANDARD		Conflict and Cooperation (World)

DESCRIPTOR / STANDARD	8.4.8.D.	Compare conflict and cooperation among groups and organizations which have impacted the history and development of the world.
		Social Studies Online Ancient Greece

SUBJECT / STANDARD AREA	PA.CC.8.5.6-8.	Reading Informational Text: Students read, understand, and respond to informational text – with emphasis on comprehension, making connections among ideas and between texts with focus on textual evidence.
STANDARD AREA / STATEMENT		Craft and Structure

STANDARD CC.8.5.6-8.D. Determine the meaning of words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies.

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SUBJECT / STANDARD AREA	PA.CC.8.5.6-8.	Reading Informational Text: Students read, understand, and respond to informational text – with emphasis on comprehension, making connections among ideas and between texts with focus on textual evidence.
STANDARD AREA / STATEMENT		Integration of Knowledge and Ideas

STANDARD CC.8.5.6-8.G. Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.

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Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Ancient Egypt - Land of the Pharaohs

Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

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Jerusalem - Then and Now (Older Grades)

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Rome - The Eternal City

Tokyo - City of Contrasts

Washington, DC - Grades 6 - 12