

**Main Criteria:** Pennsylvania Core and Academic Standards

**Secondary Criteria:** Virtual Field Trips

**Subjects:** Science, Social Studies

**Grade:** 8

**Correlation Options:** Show Correlated

**Pennsylvania Core and Academic Standards**

**Science**

Grade: 8 - Adopted: 2010

<b>SUBJECT / STANDARD AREA</b>	<b>PA.SI.</b>	<b>Science as Inquiry</b>
<b>STANDARD AREA / STATEMENT</b>	SI.1.	Compare and contrast scientific theories.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
<b>SUBJECT / STANDARD AREA</b>	<b>PA.3.</b>	<b>Science and Technology and Engineering Education</b>
<b>STANDARD AREA / STATEMENT</b>	3.1.	<b>Biological Sciences</b>
<b>STANDARD</b>	3.1.A.	<b>Organisms and Cells</b>
<b>DESCRIPTOR / STANDARD</b>	3.1.8.A8.	(CHANGE AND CONSTANCY) Explain mechanisms organisms use to adapt to their environment.  <u>Virtual Field Trips</u> 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 of the Western Region - Part 1 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
<b>SUBJECT / STANDARD AREA</b>	<b>PA.3.</b>	<b>Science and Technology and Engineering Education</b>
<b>STANDARD AREA / STATEMENT</b>	3.3.	<b>Earth and Space Sciences</b>
<b>STANDARD</b>	3.3.A.	<b>Earth Structure, Processes and Cycles</b>
<b>DESCRIPTOR / STANDARD</b>	3.3.8.A1a.	Distinguish between physical and chemical weathering.  <u>Virtual Field Trips</u> National Parks West - Wyoming, Utah
<b>DESCRIPTOR / STANDARD</b>	3.3.8.A2.	Describe renewable and nonrenewable energy resources.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
<b>DESCRIPTOR / STANDARD</b>	3.3.8.A3.	Explain how matter on earth is conserved throughout the geological processes over time.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
<b>DESCRIPTOR / STANDARD</b>	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>Virtual Field Trips</u>

		Galapagos Islands Galapagos Islands - Espagnol
DESCRIPTOR / STANDARD	3.3.8.A5a.	Explain how the curvature of the earth contributes to climate.  <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) National Parks West - Nevada, California The Amazon Rainforest - Part 1 - Older Grades
DESCRIPTOR / STANDARD	3.3.8.A6b.	(MODELS) Explain how satellite images, models, and maps are used to identify Earth's resources.  <u>Virtual Field Trips</u> National Parks - West - 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>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
DESCRIPTOR / STANDARD	3.4.8.B4.	Explain how societal and cultural priorities and values are reflected in technological devices.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
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).  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
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.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
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.  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades

**Pennsylvania Core and Academic Standards**

**Social Studies**

Grade: 8 - Adopted: 2009

<b>SUBJECT / STANDARD AREA</b>	<b>PA.5.8.</b>	<b>Civics and Government</b>
<b>STANDARD AREA / STATEMENT</b>	<b>5.3.8.</b>	<b>How Government Works</b>
<b>STANDARD</b>		<b>Government Services</b>
<b>DESCRIPTOR / STANDARD</b>	<b>5.3.8.C.</b>	Describe how local, state, and national governments provide services.  <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol
<b>SUBJECT / STANDARD AREA</b>	<b>PA.5.8.</b>	<b>Civics and Government</b>
<b>STANDARD AREA / STATEMENT</b>	<b>5.3.8.</b>	<b>How Government Works</b>
<b>STANDARD</b>		<b>Taxes</b>
<b>DESCRIPTOR / STANDARD</b>	<b>5.3.8.I.</b>	Describe various types of projects and services provided through local, state, and national taxes.  <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol
<b>SUBJECT / STANDARD AREA</b>	<b>PA.5.8.</b>	<b>Civics and Government</b>
<b>STANDARD AREA / STATEMENT</b>	<b>5.4.8.</b>	<b>How International Relationships Function</b>
<b>STANDARD</b>		<b>International Organizations</b>
<b>DESCRIPTOR / STANDARD</b>	<b>5.4.8.C.</b>	Explain how common problems (e.g., natural disasters, ethnic conflict, environmental concerns) are addressed by organizations and governments.  <u>Virtual Field Trips</u> Exploring Cuba
<b>SUBJECT / STANDARD AREA</b>	<b>PA.6.8.</b>	<b>Economics</b>
<b>STANDARD AREA / STATEMENT</b>	<b>6.3.8.</b>	<b>Functions of Government</b>
<b>STANDARD</b>		<b>Goods and Services</b>
<b>DESCRIPTOR / STANDARD</b>	<b>6.3.8.A.</b>	Assess the value of public goods and services.  <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol
<b>SUBJECT / STANDARD AREA</b>	<b>PA.6.8.</b>	<b>Economics</b>
<b>STANDARD AREA / STATEMENT</b>	<b>6.3.8.</b>	<b>Functions of Government</b>
<b>STANDARD</b>		<b>Government's Role in International Trade</b>
<b>DESCRIPTOR / STANDARD</b>	<b>6.3.8.D.</b>	Explain how government actions may affect international trade.  <u>Virtual Field Trips</u> Exploring Cuba
<b>SUBJECT / STANDARD AREA</b>	<b>PA.7.8.</b>	<b>Geography</b>

STANDARD AREA / STATEMENT	7.1.8.	Basic Geographic Literacy
STANDARD		Geographic Tools
DESCRIPTOR / STANDARD	7.1.8.A.	<p>Explain and illustrate how geographic tools are used to organize and interpret information about people, places, and environments.</p> <p><u>Virtual Field Trips</u>  Exploring Cuba  London - City of Pomp &amp; Majesty  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1  Paris - City of Light - Grades 6 - 12  Paris - La Ville Lumiere (En Francais)  Tokyo - City of Contrasts</p>
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.	<p>Explain and locate places and regions as defined by physical and human features.</p> <p><u>Virtual Field Trips</u>  Barcelona - English  Barcelona - Espagnol  Canada - An Overview  Exploring Cuba  La Selva Amazonica - Pte 1 (En Espagnol)  London - City of Pomp &amp; Majesty  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1  Paris - City of Light - Grades 6 - 12  Paris - La Ville Lumiere (En Francais)  The Amazon Rainforest - Part 1 - Older Grades  The Amazon Rainforest - Part 2 - Older Grades  Tokyo - City of Contrasts</p>
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.	<p>Explain the characteristics of places and regions.</p> <p><u>Virtual Field Trips</u>  Barcelona - English  Barcelona - Espagnol  Canada - An Overview  Exploring Cuba  La Selva Amazonica - Pte 1 (En Espagnol)  London - City of Pomp &amp; Majesty  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1  Paris - City of Light - Grades 6 - 12  Paris - La Ville Lumiere (En Francais)  The Amazon Rainforest - Part 1 - Older Grades</p>

		The Amazon Rainforest - Part 2 - Older Grades Tokyo - City of Contrasts
<b>SUBJECT / STANDARD AREA</b>	PA.7.8.	Geography
<b>STANDARD AREA / STATEMENT</b>	7.3.8.	Human Characteristics of Places and Regions
<b>STANDARD</b>		Human Characteristics
<b>DESCRIPTOR / STANDARD</b>	7.3.8.A.	Explain the human characteristics of places and regions using the following criteria:
<b>DESCRIPTOR</b>	7.3.8.A.2.	Culture  <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
<b>SUBJECT / STANDARD AREA</b>	PA.7.8.	Geography
<b>STANDARD AREA / STATEMENT</b>	7.4.8.	Interactions Between People and the Environment
<b>STANDARD</b>		Impact of People on Physical Systems
<b>DESCRIPTOR / STANDARD</b>	7.4.8.B.	Interpret the effects of people on the physical systems within regions.  <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
<b>SUBJECT / STANDARD AREA</b>	PA.8.8.	History
<b>STANDARD AREA / STATEMENT</b>	8.1.8.	Historical Analysis and Skills Development
<b>STANDARD</b>		Continuity and Change over Time
<b>DESCRIPTOR / STANDARD</b>	8.1.8.A.	Compare and contrast events over time and how continuity and change over time influenced those events.  <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2
<b>SUBJECT / STANDARD AREA</b>	PA.8.8.	History
<b>STANDARD AREA / STATEMENT</b>	8.3.8.	United States History
<b>STANDARD</b>		Contributions of Individuals and Groups (US History)
<b>DESCRIPTOR / STANDARD</b>	8.3.8.A.	Examine the role groups and individuals played in the social, political, cultural, and economic development of the United States.  <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Washington, DC - Grades 6 - 12
<b>SUBJECT / STANDARD AREA</b>	PA.8.8.	History
<b>STANDARD AREA / STATEMENT</b>	8.4.8.	World History
<b>STANDARD</b>		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.  <u>Virtual Field Trips</u> Ancient Greece - Birthplace of Democracy
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Grade: 8 - Adopted: 2014

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.  <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Barcelona - English Barcelona - Espagnol Canada - An Overview Exploring Cuba Galapagos Islands Jerusalem - Then and Now (Older Grades) 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 of the Western Region - Part 1 Paris - City of Light - Grades 6 - 12 Paris - La Ville Lumiere (En Francais) Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades Tokyo - City of Contrasts Washington, DC - Grades 6 - 12