

Main Criteria: Pennsylvania Core and Academic Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 7

Correlation Options: Show Correlated

Pennsylvania Core and Academic Standards

Science

Grade: 7 - Adopted: 2010

SUBJECT / STANDARD AREA	PA.SI.	Science as Inquiry
STANDARD AREA / STATEMENT	SI.7.	Analyze alternative explanations and understanding that science advances through legitimate skepticism. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1
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 / STANDARD	3.1.7.A1.	Describe the similarities and differences of physical characteristics in diverse organisms. <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
DESCRIPTOR / STANDARD	3.1.7.A3.	Explain why the life cycles of different organisms have varied lengths. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
DESCRIPTOR / STANDARD	3.1.7.A8.	(MODELS) Apply the appropriate models to show interactions among organisms in an environment. <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol The Amazon Rainforest - Part 2 - Older Grades
SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.1.	Biological Sciences
STANDARD	3.1.C.	Evolution
DESCRIPTOR / STANDARD	3.1.7.C2a.	Explain why the extinction of a species may occur when the environment changes. <u>Virtual Field Trips</u> Galapagos Islands

		Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii The Amazon Rainforest - Part 2 - Older Grades
SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.2.	Physical Sciences: Chemistry and Physics
STANDARD	3.2.B.	Physics
DESCRIPTOR / STANDARD	3.2.7.B1b.	Analyze how observations of displacement, velocity, and acceleration provide necessary and sufficient evidence for the existence of forces. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii
SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.3.	Earth and Space Sciences
STANDARD	3.3.A.	Earth Structure, Processes and Cycles
DESCRIPTOR / STANDARD	3.3.7.A2.	Explain land use in relation to soil type and topography. <u>Virtual Field Trips</u> African Safari 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
DESCRIPTOR / STANDARD	3.3.7.A3a.	Explain and give examples of how physical evidence, such as fossils and surface features of glaciation support theories that the Earth has evolved over geologic time. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1
DESCRIPTOR / STANDARD	3.3.7.A3b.	Compare geologic processes over time. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1
DESCRIPTOR / STANDARD	3.3.7.A4a.	Differentiate among Earth's water systems. <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
DESCRIPTOR / STANDARD	3.3.7.A6b.	(CONSTANCY/CHANGE) Describe changes in atmospheric conditions associated with various weather patterns. <u>Virtual Field Trips</u> African Safari National Parks - West - Alaska & Hawaii National Parks West - Nevada, California
SUBJECT / STANDARD AREA	PA.3.	Science and Technology and Engineering Education
STANDARD AREA / STATEMENT	3.4.	Technology and Engineering Education
STANDARD	3.4.A.	The Scope of Technology
DESCRIPTOR / STANDARD	3.4.7.A2.	Explain how different technologies involve different sets of processes. <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.B.	Technology and Society
DESCRIPTOR / STANDARD	3.4.7.B1.	Explain how the use of technology can have consequences that affect humans in many ways. <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - 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 2 - Older Grades
DESCRIPTOR / STANDARD	3.4.7.B2.	Explain how decisions to develop and use technologies may be influenced by environmental and economic concerns. <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.D.	Abilities for a Technological World
DESCRIPTOR / STANDARD	3.4.7.D1.	Identify and collect information about everyday problems that can be solved by technology and generate ideas and requirements for solving a problem. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
DESCRIPTOR / STANDARD	3.4.7.D3.	Use data collected to analyze and interpret trends in order to identify the positive or negative effects of a technology. <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - 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 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	3.4.7.E2.	Examine specialized equipment and practices used to improve the production of food, fiber, fuel, and other useful products and in the care of animals. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
DESCRIPTOR / STANDARD	3.4.7.E6.	Examine the processes involved in extracting (e.g., harvesting, drilling, mining) raw materials from the earth for use in manufacturing processes. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii
DESCRIPTOR / STANDARD	3.4.7.E7.	Examine subsystems found in the construction of a building. <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	4.1.7.A.	Describe the relationships between biotic and abiotic components of an ecosystem.
DESCRIPTOR / STANDARD	4.1.7.A.1.	Compare and contrast different biomes and their characteristics. <u>Virtual Field Trips</u> African Safari 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
DESCRIPTOR / STANDARD	4.1.7.A.2.	Describe symbiotic and predator/prey relationships. <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.1.	Ecology
STANDARD	4.1.7.C.	Explain the flow of energy within an ecosystem.
DESCRIPTOR / STANDARD	4.1.7.C.1.	Compare and contrast the flow of energy between organisms in different habitats. <u>Virtual Field Trips</u>

		Galapagos Islands Galapagos Islands - Espagnol
DESCRIPTOR / STANDARD	4.1.7.C.2.	Explain the concept of trophic levels. <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.1.	Ecology
STANDARD	4.1.7.D.	Explain how biological diversity relates to the viability of ecosystems.
DESCRIPTOR / STANDARD	4.1.7.D.1.	Compare and contrast monoculture with diverse ecosystems. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) National Parks West - Nevada, California The Amazon Rainforest - Part 1 - Older Grades
DESCRIPTOR / STANDARD	4.1.7.D.2.	Explain how biological diversity relates to the ability of an ecosystem to adapt to change. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) National Parks West - Nevada, California The Amazon Rainforest - Part 1 - Older Grades
DESCRIPTOR / STANDARD	4.1.7.D.3.	Explain how an adaptation is an inherited, structure, function, or behavior that helps an organism survive and reproduce. <u>Virtual Field Trips</u> African Safari 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
SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.1.	Ecology
STANDARD	4.1.7.E.	Identify factors that contribute to change in natural and human-made systems.
DESCRIPTOR / STANDARD	4.1.7.E.1.	Explain the processes of primary and secondary succession in a given ecosystem. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.2.	Watersheds and Wetlands

STANDARD	4.2.7.A.	Explain how water enters, moves through, and leaves a watershed.
DESCRIPTOR / STANDARD	4.2.7.A.1.	Explain the concept of stream order. <u>Virtual Field Trips</u> 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
DESCRIPTOR / STANDARD	4.2.7.A.2.	Describe factors that affect the flow and water quality within a watershed. <u>Virtual Field Trips</u> 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
SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.3.	Natural Resources
STANDARD	4.3.7.A.	Explain how products are derived from natural resources.
DESCRIPTOR / STANDARD	4.3.7.A.1.	Describe the process of converting raw materials to consumer goods. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
DESCRIPTOR / STANDARD	4.3.7.A.2.	Differentiate between renewable and nonrenewable resources. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.3.	Natural Resources
STANDARD	4.3.7.B.	Explain the distribution and management of natural resources.
DESCRIPTOR / STANDARD	4.3.7.B.1.	conservation, preservation, and exploitation. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - 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 2 - Older Grades
SUBJECT / STANDARD AREA	PA.4.	Environment and Ecology
STANDARD AREA / STATEMENT	4.4.	Agriculture and Society
STANDARD	4.4.7.A.	Describe how agricultural practices, the environment, and the availability of natural resources are related. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
STANDARD	4.4.7.B.	Describe the economic importance of agriculture to society.

		<u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
STANDARD	4.4.7.C.	Investigate resources, their relation to land use, and their impact on the food and fiber system. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks West - Nevada, California The Amazon Rainforest - Part 2 - Older Grades
STANDARD	4.4.7.D.	Identify the positive and negative effects of technology used in agriculture and its effects on the food and fiber system and the environment over time. <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	4.5.7.A.	Describe how the development of civilization affects the use of natural resources.
DESCRIPTOR / STANDARD	4.5.7.A.1.	Compare and contrast how people use natural resources in sustainable and nonsustainable ways throughout the world. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - 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 2 - Older Grades

Pennsylvania Core and Academic Standards

Social Studies

Grade: 7 - Adopted: 2009

SUBJECT / STANDARD AREA	PA.5.7.	Civics and Government
STANDARD AREA / STATEMENT	5.3.7.	How Government Works
STANDARD		Government Services
DESCRIPTOR / STANDARD	5.3.7.C.	Describe how local, state, and national governments provide services. <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol
SUBJECT / STANDARD AREA	PA.6.7.	Economics
STANDARD AREA / STATEMENT	6.3.7.	Functions of Government
STANDARD		Goods and Services
DESCRIPTOR / STANDARD	6.3.7.A.	Explain the impact of public goods and services on the local community and state. <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol

SUBJECT / STANDARD AREA	PA.6.7.	Economics
STANDARD AREA / STATEMENT	6.3.7.	Functions of Government
STANDARD		Government's Role in International Trade
DESCRIPTOR / STANDARD	6.3.7.D.	Identify how governments limit or promote international trade. <u>Virtual Field Trips</u> Exploring Cuba
SUBJECT / STANDARD AREA	PA.6.7.	Economics
STANDARD AREA / STATEMENT	6.4.7.	Economic Interdependence
STANDARD		Trade
DESCRIPTOR / STANDARD	6.4.7.B.	Analyze how changes in trade affect standards of living. <u>Virtual Field Trips</u> Exploring Cuba
SUBJECT / STANDARD AREA	PA.7.7.	Geography
STANDARD AREA / STATEMENT	7.1.7.	Basic Geographic Literacy
STANDARD		Geographic Tools
DESCRIPTOR / STANDARD	7.1.7.A.	Explain how common geographic tools are used to organize and interpret information about people, places, and environment. <u>Virtual Field Trips</u> African Safari Exploring Cuba 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) Tokyo - City of Contrasts
SUBJECT / STANDARD AREA	PA.7.7.	Geography
STANDARD AREA / STATEMENT	7.1.7.	Basic Geographic Literacy
STANDARD		Location of Places and Regions
DESCRIPTOR / STANDARD	7.1.7.B.	Explain and locate places and regions as defined by physical and human features. <u>Virtual Field Trips</u> African Safari Barcelona - English Barcelona - Espagnol Canada - An Overview 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 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
SUBJECT / STANDARD AREA	PA.7.7.	Geography
STANDARD AREA / STATEMENT	7.2.7.	Physical Characteristics of Places and Regions
STANDARD		Physical Characteristics
DESCRIPTOR / STANDARD	7.2.7.A.	Explain the characteristics of places and regions. <u>Virtual Field Trips</u> African Safari Barcelona - English Barcelona - Espagnol Canada - An Overview 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 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
SUBJECT / STANDARD AREA	PA.7.7.	Geography
STANDARD AREA / STATEMENT	7.3.7.	Human Characteristics of Places and Regions
STANDARD		Human Characteristics
DESCRIPTOR / STANDARD	7.3.7.A.	Describe the human characteristics of places and regions using the following criteria:
DESCRIPTOR	7.3.7.A.2.	Culture <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
SUBJECT / STANDARD AREA	PA.7.7.	Geography
STANDARD AREA / STATEMENT	7.4.7.	Interactions Between People and the Environment
STANDARD		Impact of People on Physical Systems
DESCRIPTOR / STANDARD	7.4.7.B.	Describe and explain 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
SUBJECT / STANDARD AREA	PA.8.7.	History
STANDARD AREA / STATEMENT	8.3.7.	United States History
STANDARD		Contributions of Individuals and Groups (US History)
DESCRIPTOR / STANDARD	8.3.7.A.	Classify the social, political, cultural, and economic contributions of individuals and groups throughout United States history. <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
SUBJECT / STANDARD AREA	PA.8.7.	History
STANDARD AREA / STATEMENT	8.4.7.	World History
STANDARD		Conflict and Cooperation (World)
DESCRIPTOR / STANDARD	8.4.7.D.	Explain how conflict and cooperation among groups and organizations have impacted the history of the world. <u>Virtual Field Trips</u> Ancient Greece - Birthplace of Democracy

Grade: 7 - 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> African Safari 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