

Main Criteria: Tennessee Academic Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

Tennessee Academic Standards

Science

Grade: 8 - Adopted: 2007

STRAND / STANDARD / COURSE	TN.T/E.	Technology and Engineering
CONCEPTUAL STRAND / GUIDING QUESTION	CS.T/E.	Society benefits when engineers apply scientific discoveries to design materials and processes that develop into enabling technologies.
GUIDING QUESTION / LEARNING EXPECTATION	GQ.T/E.	How do science concepts, engineering skills, and applications of technology improve the quality of life?
LEARNING EXPECTATION	GLE.0807.T/E.	Grade Level Expectations
INDICATOR	GLE.0807.T/E.1.	Explore how technology responds to social, political, and economic needs. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
INDICATOR	GLE.0807.T/E.3.	Compare the intended benefits with the unintended consequences of a new technology. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
STRAND / STANDARD / COURSE	TN.T/E.	Technology and Engineering
CONCEPTUAL STRAND / GUIDING QUESTION	CS.T/E.	Society benefits when engineers apply scientific discoveries to design materials and processes that develop into enabling technologies.
GUIDING QUESTION / LEARNING EXPECTATION	GQ.T/E.	How do science concepts, engineering skills, and applications of technology improve the quality of life?
LEARNING EXPECTATION	0807.T/E.	Checks for Understanding
INDICATOR	0807.T/E.3.	Explore how the unintended consequences of new technologies can impact society. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
STRAND / STANDARD / COURSE	TN.T/E.	Technology and Engineering
CONCEPTUAL STRAND / GUIDING QUESTION	CS.T/E.	Society benefits when engineers apply scientific discoveries to design materials and processes that develop into enabling technologies.
GUIDING QUESTION / LEARNING EXPECTATION	GQ.T/E.	How do science concepts, engineering skills, and applications of technology improve the quality of life?
LEARNING EXPECTATION	SPI.0807.T/E.	State Performance Indicators
INDICATOR	SPI.0807.T/E.3.	Distinguish between the intended benefits and the unintended consequences of a new technology. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
STRAND / STANDARD / COURSE	TN.5.	Life Science: Biodiversity and Change
CONCEPTUAL STRAND / GUIDING QUESTION	CS.5.	A rich variety of complex organisms have developed in response to a continually changing environment.

GUIDING QUESTION / LEARNING EXPECTATION	GQ.5.	How does natural selection explain how organisms have changed over time?
LEARNING EXPECTATION	GLE.0807.5.	Grade Level Expectations
INDICATOR	GLE.0807.5.1.	Identify various criteria used to classify organisms into groups. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
INDICATOR	GLE.0807.5.5.	Describe the importance of maintaining the earth's biodiversity. <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
STRAND / STANDARD / COURSE	TN.5.	Life Science: Biodiversity and Change
CONCEPTUAL STRAND / GUIDING QUESTION	CS.5.	A rich variety of complex organisms have developed in response to a continually changing environment.
GUIDING QUESTION / LEARNING EXPECTATION	GQ.5.	How does natural selection explain how organisms have changed over time?
LEARNING EXPECTATION	0807.5.	Checks for Understanding
INDICATOR	0807.5.1.	Select characteristics of plants and animals that serve as the basis for developing a classification key. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
INDICATOR	0807.5.3.	Compare and contrast the ability of an organism to survive under different environmental conditions. <u>Virtual Field Trips</u> 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
INDICATOR	0807.5.5.	Prepare a poster that illustrates the major factors responsible for reducing the amount of global biodiversity. <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
INDICATOR	0807.5.6.	Prepare graphs that demonstrate how the amount of biodiversity has changed in a particular continent or biome. <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 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
STRAND / STANDARD / COURSE	TN.5.	Life Science: Biodiversity and Change
CONCEPTUAL STRAND / GUIDING QUESTION	CS.5.	A rich variety of complex organisms have developed in response to a continually changing environment.
GUIDING QUESTION / LEARNING EXPECTATION	GQ.5.	How does natural selection explain how organisms have changed over time?
LEARNING EXPECTATION	SPI.0807.5.	State Performance Indicators
INDICATOR	SPI.0807.5.4.	Identify several reasons for the importance of maintaining the earth's biodiversity. <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

Tennessee Academic Standards

Social Studies

Grade: 8 - Adopted: 2013

STRAND / STANDARD / COURSE	TN.8.	United States History and Geography: Colonization of North America to Reconstruction and the American West
CONCEPTUAL STRAND / GUIDING QUESTION		The Constitution and Foundation of the American Political System (1777-1789): Students analyze the political principles underlying the Constitution, compare the enumerated and implied powers of the federal government, and understand the foundation of the American political system and the ways in which citizens participate.
GUIDING QUESTION / LEARNING EXPECTATION	8.32.	Describe the principles embedded in the Constitution, including the purposes of government listed in the Preamble, separation of powers, check and balances, the amendment process, federalism, and recognition of and protections of individual rights in the Bill of Rights. (P) <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12

Grade: 8 - Adopted: 2010

STRAND / STANDARD / COURSE	TN.RH.6-8.	Reading Standards for Literacy in History/Social Studies
CONCEPTUAL STRAND / GUIDING QUESTION		Integration of Knowledge and Ideas
GUIDING QUESTION / LEARNING EXPECTATION	RH.6-8.7.	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
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