

Main Criteria: Mississippi Standards and Frameworks

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

Mississippi Standards and Frameworks

Science

Grade: 8 - Adopted: 2010

COMPETENCY	MS.3.	Life Science: Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
OBJECTIVE	3.a.	Analyze how adaptations to a particular environment (e.g., desert, aquatic, high altitude) can increase an organism's survival and reproduction and relate organisms and their ecological niches to evolutionary change and extinction. (DOK 3) <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
COMPETENCY	MS.3.	Life Science: Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
OBJECTIVE	3.e.	Explain energy flow in a specified ecosystem. (DOK 2)
NUMBERED ITEMS	3.e.1.	Populations, communities, and habitats <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
NUMBERED ITEMS	3.e.2.	Niches, ecosystems and biomes <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
NUMBERED ITEMS	3.e.3.	Producers, consumers and decomposers in an ecosystem <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
COMPETENCY	MS.4.	Earth and Space Science: Describe the Earth's System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
OBJECTIVE	4.a.	Compare and contrast the lithosphere and the asthenosphere. (DOK 1)

NUMBERED ITEMS	4.a.3.	How the lithosphere responds to tectonic forces (faulting and folding) <u>Virtual Field Trips</u> National Parks West - Wyoming, Utah
COMPETENCY	MS.4.	Earth and Space Science: Describe the Earth's System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
OBJECTIVE	4.b.	Describe the cause and effect relationship between the composition of and movement within the Earth's lithosphere. (DOK 1)
NUMBERED ITEMS	4.b.2.	Volcanoes formed at mid-ocean ridges, within intra-plate regions, at island arcs, and along some continental edges <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1
NUMBERED ITEMS	4.b.3.	Modern distribution of continents to the movement of lithospheric plates since the formation of Pangaea <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
COMPETENCY	MS.4.	Earth and Space Science: Describe the Earth's System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
OBJECTIVE	4.d.	Research the importance of the conservation of renewable and nonrenewable resources, including (but not limited to) Mississippi, and justify methods that might be useful in decreasing the human impact on global warming. (DOK 3)
NUMBERED ITEMS	4.d.2.	The effects of the human population <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks of the Western Region - Part 1
NUMBERED ITEMS	4.d.3.	Relationships of the cycles of water, carbon, oxygen, and nitrogen <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
OBJECTIVE	4.e.	Explain how the tilt of Earth's axis and the position of the Earth in relation to the sun determine climatic zones, seasons, and length of the days. (DOK 2) <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
COMPETENCY	MS.4.	Earth and Space Science: Describe the Earth's System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
OBJECTIVE	4.g.	Justify the importance of continued research and use of new technology in the development and commercialization of potentially useful natural products, including, but not limited to research efforts in Mississippi. (DOK 3)
NUMBERED ITEMS	4.g.3.	The Mississippi Polymer Institute, housed at the University of Southern Mississippi

		<u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
--	--	---

**Mississippi Standards and Frameworks
Social Studies**

Grade: 8 - Adopted: 2016

COMPETENCY	MS.RH.6-8.	Reading Standards for Literacy in History/Social Studies
OBJECTIVE		Integration of Knowledge and Ideas
NUMBERED ITEMS	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