

Main Criteria: Mississippi Standards and Frameworks

Secondary Criteria: Social Studies Online

Subjects: Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

Mississippi Standards and Frameworks

Science

Grade: **8** - Adopted: **2010**

Does not include:

- Canada
- Ancient China
- Northeast Region
- Midwest Region
- Sahara Desert
- Southwest Region
- Western Region

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>Social Studies Online</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 - WA, OR, ID, MT, CO 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>Social Studies Online</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>Social Studies Online</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 - WA, OR, ID, MT, CO

		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 Social Studies Online 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) Social Studies Online 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 Social Studies Online Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO
NUMBERED ITEMS	4.b.3.	Modern distribution of continents to the movement of lithospheric plates since the formation of Pangaea Social Studies Online National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO
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 Social Studies Online National Parks - West - Alaska & Hawaii National Parks - WA, OR, ID, MT, CO
NUMBERED ITEMS	4.d.3.	Relationships of the cycles of water, carbon, oxygen, and nitrogen Social Studies Online 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)

		Social Studies Online 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 Social Studies Online 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. Social Studies Online Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Barcelona - English Barcelona - Espagnol Canada 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 - WA, OR, ID, MT, CO Highlights of Paris - Grades 6 - 8 Paris - La Ville Lumiere (En Francais) Ancient Rome Rome - The Eternal City The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades Tokyo - City of Contrasts Washington, DC - Grades 6 - 8