### Mississippi Standards and Frameworks
#### Science

<table>
<thead>
<tr>
<th>COMPETENCY</th>
<th>OBJECTIVE</th>
<th>NUMBERED ITEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS.3.</td>
<td>3.a.</td>
<td>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.</td>
</tr>
</tbody>
</table>

#### Virtual Field Trips
- Galapagos Islands
- Galapagos Islands - Español
- La Selva Amazonica - Pte 1 (En Español)
- 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

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<td>MS.3.</td>
<td>3.e.</td>
<td>Explain energy flow in a specified ecosystem. (DOK 2)</td>
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#### Virtual Field Trips
- La Selva Amazonica - Pte 1 (En Español)
- The Amazon Rainforest - Part 1 |

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<tr>
<td>MS.4.</td>
<td>4.a.</td>
<td>Compare and contrast the lithosphere and the asthenosphere. (DOK 1)</td>
</tr>
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#### Virtual Field Trips
- The Amazon Rainforest - Part 1 - Older Grades
| NUMBERED ITEMS | 4.a.3. | How the lithosphere responds to tectonic forces (faulting and folding)  
Virtual Field Trips  
National Parks West - Wyoming, Utah |
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<td>COMPETENCY</td>
<td>MS.4.</td>
<td>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.</td>
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<tr>
<td>OBJECTIVE</td>
<td>4.b.</td>
<td>Describe the cause and effect relationship between the composition of and movement within the Earth's lithosphere. (DOK 1)</td>
</tr>
</tbody>
</table>
| NUMBERED ITEMS | 4.b.2. | Volcanoes formed at mid-ocean ridges, within intra-plate regions, at island arcs, and along some continental edges  
Virtual Field Trips  
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  
Virtual Field Trips  
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  
Virtual Field Trips  
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  
Virtual Field Trips  
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)  
Virtual Field Trips  
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 |
## Mississippi Standards and Frameworks

**Social Studies**

**Grade: 8 - Adopted: 2016**

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<td>MS.RH.6-8.</td>
<td>Reading Standards for Literacy in History/Social Studies</td>
<td>Integration of Knowledge and Ideas</td>
</tr>
</tbody>
</table>
| RH.6.7.     | Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts. | Virtual Field Trips  
- 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 |