

## STEM Practices in Mississippi College- and Career-Readiness Standards

### 2018 Mississippi College- and Career-Readiness Standards for **Science** **Science** and Engineering Practices

1. Ask Questions (science) and Define Problems (engineering)
2. Develop and Use Models
3. Plan and Conduct Investigations
4. Analyze and Interpret Data
5. Use Mathematical and Computational Data
6. Construct Explanations (science) and Design Solutions (engineering)
7. Engage in Scientific Argument from Evidence
8. Obtain, Evaluate, and Communicate Information

### 2016 Mississippi College- and Career-Readiness Standards for **Mathematics** Standards for **Mathematical** Practice

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

## Artistic Processes in Mississippi College- and Career-Readiness Standards for **Visual Arts**

### 2017 Mississippi College- and Career-Readiness Standards for **Visual Arts** **Artistic** Processes

1. Investigate
2. Plan
3. Make
4. Reflect
5. Refine
6. Complete
7. Select
8. Analyze
9. Share
10. Perceive
11. Interpret
12. Synthesize
13. Relate