

2022-2023 Mississippi Science Results

| 2023 MAAP Science Test Taker Performance Level Totals | | | | | | |
|---|--------------|---------------|---------------|---------------|---------------|---------------|
| Test/Grade | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Total Testers |
| Grade 5 Science | 2,267 | 2,807 | 6,208 | 11,037 | 9,360 | 31,679 |
| Grade 8 Science | 3,979 | 4,190 | 7,799 | 11,670 | 6,563 | 34,201 |
| Biology | 3,423 | 3,556 | 6,249 | 12,838 | 7,778 | 33,844 |
| Grand Total | 9,669 | 10,553 | 20,256 | 35,545 | 23,701 | 99,724 |

| 2023 MAAP Science Test Performance Level PCT Totals | | | | | | | |
|---|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Test/Grade | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 4 & 5 | ≥ Level 3 |
| Grade 5 Science | 7.2% | 8.9% | 19.6% | 34.8% | 29.5% | 64.4% | 84.0% |
| Grade 8 Science | 11.6% | 12.3% | 22.8% | 34.1% | 19.2% | 53.3% | 76.1% |
| Biology | 10.1% | 10.5% | 18.5% | 37.9% | 23.0% | 60.9% | 79.4% |
| Grand Total | 9.7% | 10.6% | 20.3% | 35.6% | 23.8% | 59.4% | 79.7% |

| Biology Results- Fall 2022 | Average Scale Score = 1080 | | |
|---|----------------------------|--|-------------------------|
| Reporting Category | Average Points Correct | Average Points Possible for Administration | Average Percent Correct |
| 1-Cells and Energy - Cells as a System | 14 | 20 | 69% |
| 2-Cells and Energy - Energy Transfer | 4 | 6 | 60% |
| 3-Heredity and Evolution - Reproduction & Heredity | 10 | 15 | 65% |
| 4-Heredity and Evolution - Adaptations and Evolution | 6 | 8 | 76% |
| 5-Interdependence of Organisms and Their Environments | 7 | 11 | 61% |

| Biology Results- Spring 2023 | Average Scale Score = 1071 | | |
|---|----------------------------|--|-------------------------|
| Reporting Category | Average Points Correct | Average Points Possible for Administration | Average Percent Correct |
| 1-Cells and Energy - Cells as a System | 15 | 24 | 61% |
| 2-Cells and Energy - Energy Transfer | 3 | 5 | 65% |
| 3-Heredity and Evolution - Reproduction & Heredity | 7 | 12 | 59% |
| 4-Heredity and Evolution - Adaptations and Evolution | 6 | 10 | 65% |
| 5-Interdependence of Organisms and Their Environments | 5 | 9 | 57% |

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| Grade 5 Spring 2023 | | Average Scale Score = 574 | | |
|---|-------|---------------------------|--|-------------------------|
| Reporting Category | Grade | Average Points Correct | Average Points Possible for Administration | Average Percent Correct |
| 1-Life Science - Ecology and Interdependence | 5 | 7 | 10 | 70% |
| 2-Physical Science - Organization of Matter and Chemical Interactions | 5 | 10 | 15 | 67% |
| 3-Physical Science - Motion, Forces, and Energy | 5 | 6 | 9 | 64% |
| 4-Earth and Space Science - Earth and the Universe | 5 | 6 | 9 | 71% |
| 5-Earth and Space Science - Earth's Resources | 5 | 1 | 2 | 63% |

| Grade 8 Spring 2023 | | Average Scale Score = 868 | | |
|---|-------|---------------------------|--|-------------------------|
| Reporting Category | Grade | Average Points Correct | Average Points Possible for Administration | Average Percent Correct |
| 1-Cells and Energy - Cells as a System | 8 | 6 | 11 | 59% |
| 2-Cells and Energy - Energy Transfer | 8 | 4 | 6 | 67% |
| 3-Heredity and Evolution - Reproduction & Heredity | 8 | 5 | 9 | 59% |
| 4-Heredity and Evolution - Adaptations and Evolution | 8 | 3 | 5 | 66% |
| 5-Interdependence of Organisms and Their Environments | 8 | 8 | 15 | 53% |

Please see the Performance Level information and the section on raw scores and scale scores in the 2018-2019 Mississippi Test Results.