2025 SCIENCE
TEXTBOOK ADOPTION REPORT

MISSISSIPPI INSTRUCTIONAL MATERIALS MATTER.
OFFICE OF INSTRUCTIONAL MATERIALS & LIBRARY SERVICES

The Mississippi College- and Career-Readiness Science Standards focus on life science, physical science, and Earth and space science, emphasizing knowledge and practice. High-quality materials support this balance through engaging investigations, problem-solving, and applying science and engineering practices across grades. Instead of just acquiring facts, effective instruction promotes sense-making, critical thinking, and real-world application. This review snapshot evaluates how proposed materials align with standards and support student-centered science learning, promoting active engagement, conceptual understanding, data analysis, explanation construction, and scientific discourse. These resources foster curiosity, independence, and deeper understanding by giving students more ownership. Ultimately, adopting quality, standards-aligned science materials is key to preparing Mississippi students as scientifically literate adults ready for college, careers, and a science-driven world.

OVERALL RATING: MEETS EXPECTATIONS

PASCO SCIENTIFIC SNAPSHOT

Program Strengths

- Phenomena-based lessons with real-world problem solving and case studies
- Abundant hands-on materials, lab kits, and data-collection tools
- Strong emphasis on student discourse, investigation, and higher-order thinking
- Multiple assessment opportunities, including formative, summative, and self-reflection
- Robust digital components with visuals, videos, and multilingual translation options

Program Challenges

- Alignment lends more towards NGSS rather than MCCR Standards
- Standards coverage gaps noted, requiring teachers to use materials across multiple grade levels
- Limited evidence of explicit scaffolding from guided to independent learning
- Insufficient differentiation, leveled texts, and accommodations
- Curriculum-based professional learning and family support resources are unclear or limited

No Findings | Does Not Meet Expectations | Partially Meets Expectations | Meets Expectations

PASCO SCIENTIFIC REVIEW

RUBRIC	GR 6-8	Biology
GATEWAY 1 | CRITERION 1.1: Alignment and Accuracy Materials adequately address the MCCRS for Science.	**8 points out of 10 points**	**8 points out of 10 points**
GATEWAY 1 | CRITERION 1.2: Learning Progressions and Coherence Materials attend to the learning progressions emphasized in the standards so that the curriculum is coherent both within grades and across grade bands and is cohesive and consistent with the progressions in the MCCRS for Science.	**7 points out of 8 points**	**6 points out of 8 points**
GATEWAY 1 | BONUS POINTS: GR 8 and Biology MAAP Alignment Materials align with the content and skills outlined in the science grade eight and Biology Mississippi Academic Assessment Program (MAAP), which prepares students for the specific questions assessed in those tests.	**4 points out of 4 points**	**3 points out of 4 points**
GATEWAY 2 | CRITERION 2.1: Student Learning Materials identify ways in which materials are designed for each student's regular and active participation in grade-level/grade band/series content.	**27 points out of 32 points**	**22 points out of 32 points**
GATEWAY 2 | CRITERION 2.2: Instructional Design Materials align with student-centered practices, offering students opportunities to explore the content.	**6 points out of 6 points**	**5 points out of 6 points**
GATEWAY 3 | CRITERION 3.1: Teacher Supports Materials include resources for teachers to plan and implement lessons with integrity and to develop their professional learning further.	**13 points out of 16 points**	**13 points out of 16 points**

 No Findings

 Does Not Meet Expectations

 Partially Meets Expectations

 Meets Expectations

GATEWAY 3 | CRITERION 3.2: Assessments Materials include a system of assessments that identify how they provide tools, guidance, and support for teachers to collect, interpret, and act on data about student progress toward the standards.	 **10 points out of 12 points**	 **8 points out of 12 points**
GATEWAY 3 | CRITERION 3.3: Student Supports Materials are designed to encourage students' regular and active participation in grade-level, grade-band, or series content.	 **11 points out of 14 points**	 **8 points out of 14 points**
GATEWAY 3 | CRITERION 3.4: Intentional Design Materials are visually engaging and reference or integrate digital technology (when applicable), with teacher guidance.	 **6 points out of 8 points**	 **7 points out of 8 points**
TOTAL SCORE:	92 POINTS OUT OF 106 POINTS	81 POINTS OUT OF 106 POINTS

RUBRIC	Chemistry	Physics
GATEWAY 1 | CRITERION 1.1: Alignment and Accuracy Materials adequately address the MCCRS for Science.	 **8 points out of 10 points**	 **8 points out of 10 points**
GATEWAY 1 | CRITERION 1.2: Learning Progressions and Coherence Materials attend to the learning progressions emphasized in the standards so that the curriculum is coherent both within grades and across grade bands and is cohesive and consistent with the progressions in the MCCRS for Science.	 **7 points out of 8 points**	 **7 points out of 8 points**
GATEWAY 2 | CRITERION 2.1: Student Learning Materials identify ways in which materials are designed for each student's regular and active participation in grade-level/grade band/series content.	 **24 points out of 32 points**	 **24 points out of 32 points**

GATEWAY 2 | CRITERION 2.2: Instructional Design Materials align with student-centered practices, offering students opportunities to explore the content.	 **6 points out of 6 points**	 **6 points out of 6 points**
GATEWAY 3 | CRITERION 3.1: Teacher Supports Materials include resources for teachers to plan and implement lessons with integrity and to develop their professional learning further.	 **12 points out of 16 points**	 **12 points out of 16 points**
GATEWAY 3 | CRITERION 3.2: Assessments Materials include a system of assessments that identify how they provide tools, guidance, and support for teachers to collect, interpret, and act on data about student progress toward the standards.	 **9 points out of 12 points**	 **9 points out of 12 points**
GATEWAY 3 | CRITERION 3.3: Student Supports Materials are designed to encourage students' regular and active participation in grade-level, grade-band, or series content.	 **10 points out of 14 points**	 **10 points out of 14 points**
GATEWAY 3 | CRITERION 3.4: Intentional Design Materials are visually engaging and reference or integrate digital technology (when applicable), with teacher guidance.	 **7 points out of 8 points**	 **7 points out of 8 points**
TOTAL SCORE:	82 POINTS OUT OF 106 POINTS	82 POINTS OUT OF 106 POINTS