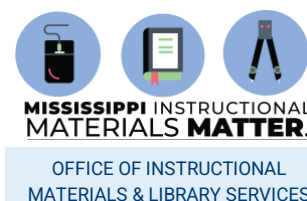


# 2025 SCIENCE TEXTBOOK ADOPTION REPORT



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  
ExpectationsPartially Meets  
ExpectationsMeets  
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  
ExpectationsPartially Meets  
ExpectationsMeets  
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 points8 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 points8 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 points7 points out of  
8 points**TOTAL SCORE:**92 POINTS  
OUT OF  
106 POINTS81 POINTS  
OUT OF  
106 POINTS**RUBRIC**

Chemistry

Physics

**GATEWAY 1 | CRITERION 1.1: Alignment and Accuracy**

Materials adequately address the MCCRS for Science.

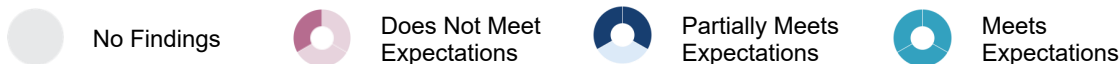
8 points out of  
10 points8 points out of  
10 points**GATEWAY 1 | CRITERION 1.2: Learning Progressions and Coherence**

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 points7 points out of  
8 points**GATEWAY 2 | CRITERION 2.1: Student Learning**

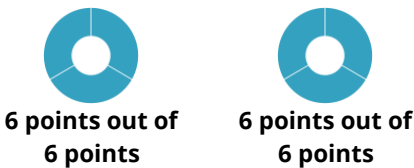
Materials identify ways in which materials are designed for each student's regular and active participation in grade-level/grade band/series content.

24 points out of  
32 points24 points out of  
32 points



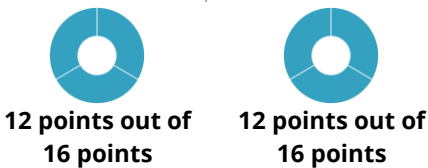
**GATEWAY 2 | CRITERION 2.2: Instructional Design**

Materials align with student-centered practices, offering students opportunities to explore the content.



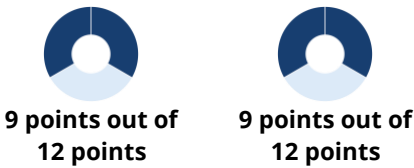
**GATEWAY 3 | CRITERION 3.1: Teacher Supports**

Materials include resources for teachers to plan and implement lessons with integrity and to develop their professional learning further.



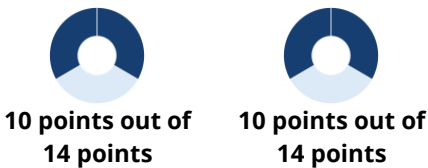
**GATEWAY 3 | CRITERION 3.2: Assessments**

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.



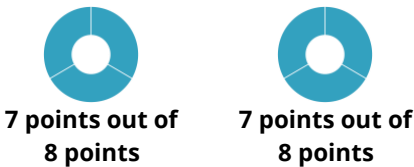
**GATEWAY 3 | CRITERION 3.3: Student Supports**

Materials are designed to encourage students' regular and active participation in grade-level, grade-band, or series content.



**GATEWAY 3 | CRITERION 3.4: Intentional Design**

Materials are visually engaging and reference or integrate digital technology (when applicable), with teacher guidance.



**TOTAL SCORE:**

