

OFFICE OF CHIEF ACCOUNTABILITY OFFICER
Summary of State Board of Education Agenda Items
July 18, 2019

OFFICE OF STUDENT ASSESSMENT

07. Action: Approval of the recommended cut scores on the Mississippi Academic Assessment Program (MAAP) for Science (Grades 5, 8, and Biology Assessments) [Goals 1 and 2 – MBE Strategic Plan]

Background Information: The new Mississippi College- and Career- Readiness Standards (MSCCRS) for Science were implemented in school year 2017-2018. The MAAP science assessments for Grades 5, 8, and Biology have been revised to align with the new MSCCRS for Science. To evaluate the new assessments, cut scores are established to: (a) reflect the MSCCRS for Science, (b) link students' scores on the tests to expectations for students in each performance level, and (c) are well articulated across tests.

On June 18-19, 2019, standard setting was conducted by Data Recognition Corporation (DRC) for the MAAP assessments of Grade 5 science, Grade 8 science, and Biology end-of-course. For this process, 36 Mississippi educators served as panelists working in three (3) groups representing each grade and course. Utilizing the Bookmark Standard Setting Procedure, panelists in each group were tasked to provide recommended cut scores for each of the five (5) performance level categories: minimal, basic, pass, proficient, and advanced. The panelists completed three (3) rounds of independent review and subsequent discussion in order to define the cut scores to correspond to the identified performance levels that serves as the top and bottom range of each category. Two psychometricians from the Center for Assessment represented the Mississippi Department of Education during the standard setting process.

This item references Goals 1 and 2 of the *Mississippi Board of Education 2018-2022 Strategic Plan*.

Recommendation: Approval

Back-up material attached