

# Mississippi Curriculum Matrix Summary

## Introduction

The Curriculum Matrix data in this resource kit is provided as a guide to help educators in planning curriculum and instruction. All interpretations of state standards, Common Core Standards, and state assessment program data that were needed to construct the correlations in this Matrix were conducted by content area specialists in each discipline and reviewed by research managers. Where and if necessary, interpretations of the learning statements used in the correlations were verified by third-party reviewers and/or officials of the state's department of education. Every effort has been made to ensure the accuracy of the crosswalk and summary data. However, some learning outcome statements are, by their nature, subject to interpretation and determination of intent by content area specialists. Educators should always exercise their own best judgment in determining how to apply the data.

Care was taken to ensure that all data used in the analyses was current at the time of publication, but all standards and assessment data remain subject to updates as states revise or update their state standards or assessment programs. The International Center welcomes your feedback, advice, and suggestions about the data provided. The Center also eagerly encourages users to help us keep the data current for all educators in their state by advising us of any such updates. Please address all comments to: International Center for Leadership in Education, 1587 Route 146, Rexford, NY 12148 or [info@LeaderEd.com](mailto:info@LeaderEd.com).

## Mississippi State Assessment

The Mississippi Curriculum Test, Second Edition (MCT2) and the Subject Area Testing Program (SATP) are criterion-referenced tests that measure how well a student has mastered the content standards. The Mississippi Curriculum Test, Second Edition is administered in grades 3-8 in language arts and mathematics. The Mississippi Science Test (MST) is administered in grades 5 and 8. The SATP assesses students on the content at the completion of Algebra I, Biology I, English II, and U.S. History from 1877.

## Language Arts

The MCT2 and SATP Language Arts assessment consists of customized criterion-referenced assessments that are fully aligned with the *2006 Mississippi Language Arts Framework, Revised*. The results of these assessments will be used in the Mississippi Statewide Accountability System for Adequate Yearly Progress (AYP) purposes. The results will also provide information that will be used for the purpose of improving instruction and student achievement.

## Priority Designations

Information necessary to make priority designations relative to language arts assessments was obtained from the Mississippi Department of Education website. Assessment priorities were determined by examining the data from the MCT2 and SATP language arts test blueprints. The language arts test blueprints for MCT2 and the SATP indicate the number of test items per competency. Priority designations were determined by averaging the number of language arts test items per competency for each grade level and English II. Standard deviations (STD) were calculated for each grade level/course and subtracted from the mean. This number established the cut-off point between Medium (M) priority designations and High (H) priority designations. Because all MCT2 and SATP competencies are eligible for assessment, there were no Low (L) priority designations. The MCT2 and SATP language arts priority designation results for grades 3-8 and English II can be found in Table 1. Please note that there is no MCT2 test data for kindergarten, grade 1, and grade 2 because state testing is not required at these grade levels to assess Adequate Yearly Progress (AYP).

**Table 1. Mississippi Language Arts Priority Designation Data**

Grade Level/ Course	Mean	STD	Mean – STD	Designations		
				L = Low	M = Medium	H = High
<b>Kindergarten</b>						
<b>1</b>	<i>Grade levels K-2 are not tested for AYP purposes.</i>					
<b>2</b>						
<b>3</b>	12.50	3.20	9.30	0	1-9	>9
<b>4</b>	12.50	3.20	9.30	0	1-9	>9
<b>5</b>	15.00	5.00	10.50	0	1-10	>10
<b>6</b>	15.00	5.00	10.50	0	1-10	>10
<b>7</b>	17.50	7.83	9.67	0	1-10	>10
<b>8</b>	17.50	7.83	9.67	0	1-10	>10
<b>English II</b>	17.50	7.50	8.77	0	1-9	>9

Mississippi language arts test designations are presented in Table 2. Please note that there is no MCT2 test data for kindergarten, grade 1, and grade 2 because state testing is not required at these grade levels to assess Adequate Yearly Progress (AYP).

**Table 2. Mississippi Language Arts Data Summary**

Table 2. Mississippi Language Arts Data Summary Language Arts			NESS <sup>1</sup>			MCT2/SATP		
Grade Level/Course	Competencies	Objectives	H	M	L	H 1-19	M 20-38	L 39-50
<b>Kindergarten</b>	4	19	19	0	0	<i>Grade levels K-2 are not tested for AYP purposes.</i>		
<b>1</b>	4	20	20	0	0			
<b>2</b>	4	20	20	0	0			
<b>3</b>	4	21	15	5	1	14	7	0
<b>4</b>	4	20	16	3	1	13	7	0
<b>5</b>	4	21	15	5	1	14	7	0
<b>6</b>	4	21	17	3	1	14	7	0
<b>7</b>	4	21	18	3	0	14	7	0
<b>8</b>	4	21	17	4	0	14	7	0
<b>English II</b>	4	20	16	4	0	16	4	0
<b>Totals For Tested Grades Levels/Course</b>	<b>28</b>	<b>145</b>	<b>114</b>	<b>27</b>	<b>4</b>	<b>99</b>	<b>46</b>	<b>0</b>
<b>Totals For All Grade Levels</b>	<b>40</b>	<b>204</b>	<b>173</b>	<b>27</b>	<b>4</b>			

## Mathematics

The MCT2 and SATP mathematics assessment consists of customized criterion-referenced assessments that are fully aligned with the *2007 Mississippi Mathematics Framework, Revised*. The results of these assessments will be used in the Mississippi Statewide Accountability System for Adequate Yearly Progress (AYP) purposes. The results will also provide information that will be used for the purpose of improving instruction and student achievement.

## Priority Designations

Information necessary to make priority designations relative to mathematics assessments was obtained from the Mississippi Department of Education website. Assessment priorities were determined by examining the data from the MCT2 and SATP mathematics test blueprints. The mathematics test blueprints for MCT2 and the SATP indicate the number of test items related to each competency on the test. Priority designations were determined by averaging the number of mathematics test items per competency for each grade level, Pre-Algebra, and Algebra I. Standard deviations (STD) were calculated for each grade level/course and subtracted from the mean. This number established the cut-off point between Medium (M) priority designations and High (H) priority designations. Because all MCT2 and SATP competencies are eligible for assessment, there were no Low (L) priority designations. The MCT2 and SATP mathematics priority designation results can be found in Table 3. Please note that there is no MCT2 test data for kindergarten, grade 1, and grade 2 because state testing is not required at these grade levels to assess Adequate Yearly Progress (AYP).

**Table 3. Mississippi Mathematics Priority Designation Data**

Grade Level/ Course	Mean	STD	Mean – STD	Designations		
				L = Low	M = Medium	H = High
<b>Kindergarten</b>						
<b>1</b>	<i>Grade levels K-2 are not tested for AYP purposes.</i>					
<b>2</b>	<i>Grade levels K-2 are not tested for AYP purposes.</i>					
<b>3</b>	9	4.00	5.00	0	1-5	>5
<b>4</b>	9	3.52	5.50	0	1-6	>6
<b>5</b>	10	2.61	7.40	0	1-7	>7
<b>6</b>	10	2.61	7.40	0	1-7	>7
<b>7</b>	10	2.1	7.9	0	1-8	>8
<b>Pre-Algebra</b>	10	2.28	7.72	0	1-8	>8
<b>Algebra</b>	7.25*	0.43	6.82	0	1-7	>7

\*Outliers were not calculated.

Mississippi mathematics test designations are presented in Table 4. Please note that there is no MCT2 test data for kindergarten, grade 1, and grade 2 because state testing is not required at these grade levels to assess Adequate Yearly Progress (AYP).

**Table 4. Mississippi Mathematics Data Summary**

Mathematics			NESS <sup>1</sup>			MCT2/SATP		
Grade Level /Course	Competencies	Objectives	H	M	L	H 1-16	M 17-42	L 43-70
<b>Kindergarten</b>	5	20	8	10	2	<i>Grade levels K-2 are not tested for AYP purposes.</i>		
<b>1</b>	5	23	15	8	0			
<b>2</b>	5	17	10	7	0			
<b>3</b>	5	20	13	7	0	20	0	0
<b>4</b>	5	28	19	8	1	28	0	0
<b>5</b>	5	22	13	8	1	22	0	0
<b>6</b>	5	31	18	11	2	31	0	0
<b>7</b>	5	29	21	7	1	21	8	0
<b>Pre-Algebra</b>	5	28	15	10	3	21	7	0
<b>Algebra</b>	5	21	7	10	4	17	4	0
<b>Totals For Tested Grades Levels/Course</b>	<b>35</b>	<b>179</b>	<b>106</b>	<b>61</b>	<b>12</b>	<b>160</b>	<b>19</b>	<b>0</b>
<b>Totals For All Grade Levels</b>	<b>50</b>	<b>239</b>	<b>139</b>	<b>86</b>	<b>14</b>			

The MCT2 and SATP science assessment consists of customized criterion-referenced assessments that are fully aligned with the *2010 Mississippi Science Framework*. The results of these assessments will be used in the Mississippi Statewide Accountability System for Adequate Yearly Progress (AYP) purposes. The results will also provide information that will be used for the purpose of improving instruction and student achievement.

### Priority Designations

Information necessary to make priority designations relative to science assessments was obtained from the Mississippi Department of Education website. Assessment priorities were determined by examining the data from the MCT2 and SATP science test blueprints. The science test blueprints for MCT2 and the SATP indicate the number of test items related to each competency on the test. Priority designations were determined by averaging the number of science test items per competency for each grade level and Biology I. Standard deviations (STD) were calculated for each grade level/course and subtracted from the mean. This number established the cut-off point between Medium (M) priority designations and High (H) priority designations. Because all MCT2 and SATP competencies are eligible for assessment, there were no Low (L) priority designations. The MCT2 and SATP science priority designation results can be found in Table 5.

**Table 5. Mississippi Science Priority Designation Data**

Grade Level/ Course	Mean	STD	Mean – STD	Designations		
				L = Low	M = Medium	H = High
<b>5</b>	11.25	2.95	8.30	0	1-8	>8
<b>8</b>	12.50	4.27	8.23	0	1-8	>8
<b>Biology I</b>	10.00	3.16	6.84	0	1-7	>7

Mississippi science test designations are presented in Table 6.

**Table 6. Mississippi Science Data Summary**

Science			MCT2/SATP			NESS <sup>1</sup>		
Grade Level/ Course	Competencies	Objectives	H	M	L	H 1-32	M 33-50	L 51-85
<b>5</b>	4	27	19	8	0	20	3	4
<b>8</b>	4	30	22	8	0	16	8	6
<b>Biology I</b>	6	30	11	19	0	20	6	4
<b>Totals</b>	<b>14</b>	<b>87</b>	<b>52</b>	<b>35</b>	<b>0</b>	<b>56</b>	<b>17</b>	<b>14</b>

### Mississippi Curriculum Matrix Summary Total Percentage for MCT2/SATP Tested in Language Arts, Mathematics, and Science

Table 7 below presents the number of objectives for each discipline compared to the number of objectives tested for MCT2 and SATP programs.

**Table 7. Total Percentage for MCT2 and SATP in Language Arts, Mathematics, and Science**

	# of Objectives	# of Objectives Tested	% of Objectives Tested
<b>Language Arts</b>	145	141	97.25
<b>Mathematics</b>	179	167	93.90
<b>Science</b>	87	87	100.00
<b>Totals</b>	<b>411</b>	<b>395</b>	<b>96.11</b>