

# Georgia 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 State 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).

## Georgia Student Assessment Program

The Georgia Student Assessment Program requires students in grades 1-8 to take a Criterion-Referenced Competency Test (CRCT) in the content areas of reading, English language arts (ELA), and mathematics. Students in grades 3-8 are assessed in science and social studies. The CRCT is designed to measure how well students acquire the skills and knowledge described in the Georgia Performance Standards (GPS).

End of Course Tests (EOCT) are required in grades 9-12 for students who take mathematics courses in Algebra I, Algebra II, Geometry, and Statistics. Students must take the EOCT in social studies on the completion of U.S. history, economics, business, and free enterprise. Science students are required to take the EOCT on completion of Physical Science and Biology. ELA students are required to take the EOCT on completion of Ninth Grade Literature and Composition, and American Literature and Composition.

The Georgia High School Graduation Tests (GHSGT) identifies students who may need additional instruction in the content and skills required for a diploma.

## Curriculum Matrix Priority Designations

### English Language Arts

ELA students take the CRCT in reading in grades one through eight, and writing in grades five and eight. Secondary ELA students are required to take the EOCT on completion of Ninth Grade Literature and Composition and American Literature and Composition. All students seeking a Georgia high school diploma must pass the Georgia High School Graduation Tests (GHSGT) in four content areas as well as the Georgia High School Writing Assessment.

### Testing Priority Designation

Information necessary to make reading and ELA priority designations relative to assessments was obtained from the Georgia State Department of Education's website. The test website provided ELA CRCT and GHSGT content descriptions and content weight for each grade level/course tested. The CRCT and GHSGT

content weight documents provided the approximate weights (percentages) of test items for each test domain. The domain testing weights were averaged for each grade level/course and GHSCCT test standards. 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. Standards that were not tested were assigned a Low (L) priority designation. The results can be found in Table 1.

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

Grade	Mean	STD	Mean – STD	Designations		
				L = Low	M = Medium	H = High
1	40.00	29.61	10.39	0	1-10	>10
2	40.00	25.50	14.51	0	1-15	>15
3	40.00	17.89	22.11	0	1-22	>22
4	40.00	13.04	26.96	0	1-27	>27
5	40.00	12.65	27.35	0	1-27	>27
6	40.00	14.49	25.51	0	1-26	>26
7	40.00	13.58	26.42	0	1-26	>26
8	40.00	18.17	21.83	0	1-22	>22
Secondary	32.67	12.47	22.20	0	1-22	>22

English language arts summary data are presented in Table 2.

**Table 2. English Language Arts Assessment Data Summary**

English Language Arts			CRCT/GHSGT			NESS <sup>1</sup>		
Grade	Content Domains	Performance Standards	H	M	L	H 1-19	M 20-38	L 39-50
1	3	12	4	0	8	10	2	0
2	3	10	4	0	6	8	2	0
3	3	10	3	1	6	9	1	0
4	3	15	7	1	7	12	3	0
5	4	16	12	1	3	12	3	1
6	5	20	14	3	3	15	5	0
7	5	20	14	2	4	15	5	0
8	5	22	14	3	5	17	5	0
9	5	22	5	3	14	14	7	1
American Literature	2	14	6	1	7	4	7	3
<b>Totals</b>	<b>38</b>	<b>161</b>	<b>83</b>	<b>15</b>	<b>63</b>	<b>116</b>	<b>40</b>	<b>5</b>

## Mathematics

Information necessary to make mathematics priority designations relative to assessments was obtained from the Georgia State Department of Education’s website. The test website provided mathematics CRCT and GHSGT content descriptions and content weight for each grade level/course tested. The CRCT and GHSGT content weight documents provided the approximate weights (percentages) of test items for each test domain. The domain testing weights were averaged for each grade level/course and GHSCCT test standards. 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. Standards that not tested were assigned a Low (L) priority designation. The results can be found in Table 3.

**Table 3. Mathematics Priority Designation Data**

Grade	Mean	STD	Mean – STD	Designations		
				L = Low	M = Medium	H = High
<b>1</b>	25.00	17.68	7.32	0	1-7	>7
<b>2</b>	25.00	17.68	7.32	0	1-7	>7
<b>3</b>	20.00	15.29	4.72	0	1-5	>5
<b>4</b>	20.00	12.15	7.85	0	1-8	>8
<b>5</b>	20.00	12.39	7.61	0	1-8	>8
<b>6</b>	20.00	5.48	14.52	0	1-15	>15
<b>7</b>	25.00	9.35	15.65	0	1-16	>16
<b>8</b>	25.25	14.72	10.53	0	1-11	>11
<b>Secondary</b>	33.33	3.77	29.56	0	1-30	>30

Mathematics summary data are presented in Table 4.

**Table 4. Mathematics Assessment Data Summary**

Mathematics			CRCT/GHSGT			NESS <sup>1</sup>		
Grade	Content Domains	Performance Standards	H	M	L	H 1-16	M 17-42	L 43-70
<b>1</b>	5	15	15	0	0	10	5	0
<b>2</b>	5	17	17	0	0	14	3	0
<b>3</b>	6	17	17	0	0	16	1	0
<b>4</b>	6	19	19	0	0	16	3	0
<b>5</b>	6	18	18	0	0	14	3	1
<b>6</b>	6	17	14	3	0	16	1	0
<b>7</b>	5	14	13	1	0	10	4	0
<b>8</b>	5	16	14	2	0	14	2	0
<b>Mathematics I</b>	4	15	6	3	6	8	7	0
<b>Mathematics II</b>	4	17	9	2	6	6	9	2
<b>Mathematics III</b>	4	18	3	0	15	7	5	6
<b>Totals</b>	<b>56</b>	<b>183</b>	<b>145</b>	<b>11</b>	<b>27</b>	<b>131</b>	<b>43</b>	<b>9</b>

## Science

Information necessary to make science priority designations relative to assessments was obtained from the Georgia State Department of Education’s website. The test website provided CRCT and EOCT content descriptors for each grade level test and course in each discipline assessed. These documents provided the approximate weights (percentages) of test items for each test domain. The domain testing weights were averaged for each grade level/course and GHSGT test standards. 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. Standards that were not tested were assigned a Low (L) priority designation. The results can be found in Table 5.

**Table 5. Science Priority Designation Data**

Grade	Mean	STD	Mean – STD	Designations		
				L = Low	M = Medium	H = High
3	33.33	0.47	32.86	0	1-33	>33
4	33.33	4.71	28.62	0	1-29	>29
5	33.33	4.71	28.62	0	1-29	>29
6	33.33	9.43	23.91	0	1-24	>24
7	33.33	14.34	18.99	0	1-19	>19
8	33.33	4.71	28.62	0	1-29	>29
Secondary	20.00	5.02	14.98	0	1-15	>15

Science summary data are presented in Table 6.

**Table 6. Science Assessment Data Summary**

Science			CRCT/GHSGT			NESS <sup>1</sup>		
Grade	Content Domains	Performance Standards	H	M	L	H 1-32	M 33-50	L 51-85
3	3	14	14	0	0	12	1	1
4	3	17	17	0	0	15	1	1
5	3	15	15	0	0	14	0	1
6	3	16	13	2	1	14	0	2
7	3	15	12	2	1	12	1	2
8	3	15	14	0	1	12	1	2
Secondary	5	33	26	3	4	29	1	3
<b>Totals</b>	<b>23</b>	<b>125</b>	<b>111</b>	<b>7</b>	<b>7</b>	<b>108</b>	<b>5</b>	<b>12</b>

### Total Percentages for CRCT/EOCT/GHSGT Tested English Language Arts, Mathematics, and Science

Table 7 presents the number of performance standards compared to the number of performance standards assessed. Using this data, the percentage of performance standards tested was calculated.

**Total 7. Totals and Percentages for English Language Arts, Mathematics, and Science**

	Number of Performance Standards	Number of Performance Standards Tested	Percent of Performance Standards Tested
ELA	161	98	60.87
Mathematics	183	156	85.25
Science	125	118	94.40
<b>Total</b>	<b>469</b>	<b>372</b>	<b>79.32</b>

### Common Core State Standards (CCSS) to Content Domain/Performance Standard Alignment Data

International Center content area specialists have crosswalked English language arts and mathematics CCSS to the Georgia English language arts and mathematics performance standards. The purpose of this study was to determine the number and percent of the CCSS that are aligned/non-aligned to performance standards. The same process was also used to determine the number and percent of the performance standards that are aligned/non-aligned to the CCSS.