

Tennessee 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.

Tennessee Comprehensive Assessment Program (TCAP)

The results of the TCAP's state-mandated student assessment programs are used for the improvement of classroom instruction and student achievement in grades K-12. The TCAP currently includes the Achievement Test (grades 3-8), the Writing Test, the Gateway Tests, and the End-of-Course (EOC) Tests. Secondary TCAP End-of-Course assessments covered by the testing program include language arts, mathematics, science, and history. Please note that grades K-2 are not tested for Adequate Yearly Progress (AYP) purposes. The K-2 curriculum contains grade level expectations (GLEs) rather than state performance indicators (SPIs).

English Language Arts

The Reading TCAP is administered to all students in grades 3-8. The TCAP Language Arts EOC tests include English I and II. Only the English II EOC is used for AYP purposes.

Testing Priority Designation

Information necessary to make priority designations relative to TCAP 3-8 Reading/Language Arts and English II EOC assessments was obtained from the Tennessee Department of Education website. The TCAP Reading/Language Arts Item Samplers contain test item samples that are representative of the TCAP 3-8 test. The English EOC Practice Test contains test item samples that are representative of the English II EOC test and identifies the emphasis of content for each test-reporting category. The number of TCAP 3-8 Reading/Language Arts and English II EOC test items from each reporting category at each assessed grade level and courses was averaged. Standard deviations (STD) were calculated for each grade level/course assessed and subtracted from the mean. This number established the cut-off point between Medium (M) priority designations and High (H) priority designations. All TCAP 3-8 Reading/Language Arts and English II EOC SPIs are tested. Therefore, no SPIs were assigned a Low (L) priority designation. The TCAP 3-8 Reading/Language Arts and English II EOC priority designation results can be found in Table 1.

Table 1. Reading/Language Arts and English II Priority Designation Data

Grade/ Course	Mean	STD	Mean – STD	Designations		
				L = Low	M = Medium	H = High
K						
1	<i>Not Applicable - Grade levels K-2 are not tested for AYP purposes.</i>					
2						
3	1.46	0.56	0.94	0	1	>1
4	1.43	0.61	0.82	0	1	>1
5	1.30	0.49	0.81	0	1	>1
6	1.15	0.39	0.76	0	1	>1
7	1.05	0.22	0.83	0	1	>1
8	1.13	0.37	0.76	0	1	>1
English II	10.80	3.44	7.39	0	1-7	>7

Reading/Language Arts and English II EOC summary data is presented in Table 2.

Table 2. Reading/Language Arts and English II Assessment Data Summary

Reading/Language Arts and English II			TCAP			NESS ¹		
Grade/ Course	Content Standards	Grade Level Expectations/ State Performance Indicators	H	M	L	H 1-19	M 20-38	L 39-50
K	8	22	<i>Grade levels K-2 are not tested for AYP purposes.</i>			13	6	3
1	8	26				15	9	2
2	8	27				20	6	1
3	8	57	26	31	0	50	5	2
4	8	58	21	37	0	49	7	2
5	8	62	18	44	0	52	8	2
6	8	76	10	66	0	63	10	3
7	8	81	6	75	0	62	16	3
8	8	82	10	72	0	59	21	2
English II	8	88	83	5	0	55	29	4
Totals	56	504	174	330	0	438	117	24

Mathematics

The Mathematics TCAP is administered to all students in grades 3-8. The TCAP Mathematics EOC assesses Algebra I.

Testing Priority Designation

Information necessary to make priority designations relative to TCAP 3-8 mathematics and Algebra I EOC assessments was obtained from the Tennessee Department of Education website. The TCAP 3-8 Mathematics Item Samplers contain test item samples that are representative of the TCAP 3-8 test. The Algebra I Practice Test contains test item samples that are representative of the Algebra I EOC test and identifies the emphasis of content for each test-reporting category. The number of TCAP 3-8 mathematics

and EOC Algebra I test items for each reporting category at each assessed grade level and Algebra I was averaged. Standard deviations (STD) were calculated for each grade level/course assessed and subtracted from the mean. This number established the cut-off point between Medium (M) priority designations and High (H) priority designations. All TCAP 3-8 mathematics and all Algebra I EOC SPIs are tested. Therefore, no SPIs were assigned a Low (L) priority designation. The TCAP 3-8 mathematics and Algebra I EOC priority designation results can be found in Table 3.

Table 3. Mathematics Priority Designation Data

Grade/ Course	Mean	STD	Mean – STD	Designations		
				L = Low	M = Medium	H = High
K						
1	<i>Not Applicable - Grade levels K-2 are not tested for AYP purposes.</i>					
2						
3	1.14	0.34	0.80	0	1	>1
4	1.15	0.35	0.80	0	1	>1
5	1.23	0.41	0.82	0	1	>1
6	1.13	0.33	0.80	0	1	>1
7	1.15	0.35	0.80	0	1	>1
8	1.16	0.33	0.80	0	1	>1
Algebra I	13.00	6.16	6.84	0	1-7	>7

Mathematics summary data is presented in Table 4.

Table 4. Mathematics Assessment Data Summary

Mathematics			TCAP			NESS ¹		
Grade/ Course	Content Standards	Grade Level Expectations/ State Performance Indicators	H	M	L	H 1-16	M 17-42	L 43-70
K	5	21	<i>Grade levels K-2 are not tested for AYP purposes.</i>			16	5	0
1	5	19				14	5	0
2	5	22				17	5	0
3	5	36	5	31	0	23	12	1
4	5	33	5	28	0	20	12	1
5	5	26	6	20	0	18	8	0
6	5	31	5	26	0	17	13	1
7	5	27	4	23	0	20	7	0
8	5	23	3	20	0	5	14	4
Algebra I	5	29	29	0	0	14	11	4
Totals	50	267	57	148	0	164	92	11

Science

The Science TCAP is administered to all students in grades 3-8. The TCAP Science EOC assesses Biology I.

Testing Priority Designation

Information necessary to make priority designations relative to TCAP 3-8 Science and Biology I EOC assessments was obtained from the Tennessee Department of Education website. The TCAP 3-8 Science Item Samplers contain test item samples that are representative of the TCAP 3-8 test. The Biology I Practice Test contains test item samples that are representative of the Biology I EOC test and identifies the emphasis of content for each test-reporting category. The number of TCAP 3-8 science and EOC Biology I test items for each reporting category at each assessed grade level/course was averaged. Standard deviations (STD) were calculated for each grade level/course assessed and subtracted from the mean. This number established the cut-off point between Medium (M) priority designations and High (H) priority designations. All TCAP 3-8 science and Biology I EOC SPIs are tested. Therefore, no SPIs were assigned a Low (L) priority designation. The TCAP 3-8 science and Biology I EOC priority designation results can be found in Table 5.

Table 5. Science Priority Designation Data

Grade/ Course	Mean	STD	Mean – STD	Designations		
				L = Low	M = Medium	H = High
K						
1	<i>Not Applicable - Grade levels K-2 are not tested for AYP purposes.</i>					
2	<i>Not Applicable - Grade levels K-2 are not tested for AYP purposes.</i>					
3	1.10	0.30	0.80	0	1	>1
4	1.11	0.30	0.80	0	1	>1
5	1.17	0.25	0.82	0	1	>1
6	1.17	0.25	0.82	0	1	>1
7	1.09	0.28	0.81	0	1	>1
8	1.09	0.29	0.80	0	1	>1
Biology I	10.83	2.95	7.84	0	1-8	>8

Science summary data are presented in Table 6.

Table 6. Science Assessment Data Summary

Grade/ Course	Science		TCAP			NESS ⁱ		
	Content Standards	Grade Level Expectations/ State Performance Indicators	H	M	L	H 1-32	M 33-50	L 51-85
K	11	21	<i>Grade levels K-2 are not tested for AYP purposes.</i>			16	1	4
1	12	24				17	3	4
2	12	28				16	6	6
3	12	30	3	27	0	10	17	3
4	12	28	3	25	0	13	7	8
5	12	29	2	27	0	16	5	8
6	5	29	2	27	0	16	5	8
7	5	33	3	30	0	18	8	7
8	3	32	3	29	0	20	9	3
Biology I	6	47	34	13	0	35	4	8
Totals	55	301	50	178	0	177	65	59

Totals for Reading/Language Arts, Mathematics, and Science

Table 7 presents the total number of SPIs compared to the number of SPIs tested. Please note that this table does not include K-2 data because students in grades K-2 are not tested for AYP purposes. Using this data, the percentage of SPIs was calculated for each discipline and the totals were combined for all three disciplines.

Table 7. Totals and Percentages for Reading/Language Arts, Mathematics, and Science

	Total # State Performance Indicators	# State Performance Indicators Tested	% /State Performance Indicators Tested
Reading/Language Arts	429	429	100.00
Mathematics	205	205	100.00
Science	228	228	100.00
Totals	862	862	100.00