

# Kentucky Curriculum Matrix Summary

## English Language Arts

The Kentucky *Core Content for Assessment 4.1, Reading and Writing*, represents the content that has been identified as essential for all students to know and will be included on the state assessment. This content is designed for use with, not instead of, Kentucky's Academic Expectations and *Program of Studies* to provide the focus for the development of the Kentucky Core Content Test (KCCT).

### Testing Priority Designation

Information necessary to make priority designations relative to assessments was obtained from the Kentucky Department of Education Web site. A review and analysis of the assessment data identified those English language arts content statements that are eligible for state assessment. A High (H) designation was given if the content statement was identified as assessable. A Low (L) designation was given if the content statement was not identified as assessable. There were no Medium (M) designations given.

Since the core content is identical for *Writing* in grades 6-8 and grades 9-12, grades 6-8 core content is included in grade 7 only. Note two distinctions: standards WR-08-4.10.5 through 10.12 and WR-08-4.11.13 through 11.40 are designated as High (H) in grade 8, as opposed to Low (L) in grades 6 and 7. Grades 9-12 core content is labeled “High School.”

Since the core content is identical for *Reading* in grades 9-12, the core content is shown only once as “High School” and divided into “Gr 9, 11-12” and “Gr 10” to reflect the different testing priority designations.

English Language Arts summary data are presented in Table 1.

**Table 1. English Language Arts Kentucky Assessment Data Summary**

	Subdomains	Standards	KCCT			NESS*		
			H	M	L	H 1-19	M 20-38	L 39-50
<b>English Language Arts</b>								
<b>End of Primary</b>	9	63	17	0	46	46	14	3
<b>Grade 4</b>	9	66	25	0	41	48	15	3
<b>Grade 5</b>	9	67	36	0	31	49	15	3
<b>Grade 6</b>	9	67	26	0	41	49	15	3
<b>Grade 7</b>	9	71	25	0	46	50	18	3
<b>Grade 8</b>	9	70	27	0	43	48	19	3
<b>High School</b>	9	67	6 <sup>1</sup>	0	61 <sup>1</sup>	46	18	3
			32 <sup>2</sup>		35 <sup>2</sup>			

<sup>1</sup> Grades 9, 11-12      <sup>2</sup> Grade 10

## Mathematics

The *Kentucky Core Content for Assessment 4.1, Mathematics*, represents the content that has been identified as essential for all students to know and will be included on the state assessment. This content is designed for use with, not instead of, Kentucky's Academic Expectations and *Program of Studies* to provide the focus for the development of the Kentucky Core Content Test (KCCT).

### Testing Priority Designation

Information necessary to make priority designations relative to assessments was obtained from the Kentucky Department of Education Web site. A review and analysis of the assessment data identified those mathematics content statements that are eligible for state assessment. A High (H) designation was given if the content statement was identified as assessable. A Low (L) designation was given if the content statement was not identified as assessable. There were no Medium (M) designations given.

Mathematics summary data are presented in Table 2.

**Table 2. Mathematics Kentucky Assessment Data Summary.**

	Subdomains	Standards	KCCT			NESS*		
			H	M	L	H 1-16	M 17-42	L 43-70
<b>Mathematics</b>								
<b>End of Primary</b>	5	34	14	0	20	19	13	2
<b>Grade 4</b>	5	37	20	0	17	19	15	3
<b>Grade 5</b>	5	35	25	0	10	18	14	3
<b>Grade 6</b>	5	37	23	0	14	21	12	4
<b>Grade 7</b>	5	38	21	0	17	27	8	3
<b>Grade 8</b>	5	39	25	0	14	22	15	2
<b>High School</b>	5	67	30	0	37	33	25	9

## Science

The *Kentucky Core Content for Assessment 4.1, Science*, represents the content that has been identified as essential for all students to know and will be included on the state assessment. This content is designed for use with, not instead of, Kentucky's Academic Expectations and *Program of Studies* to provide the focus for the development of the Kentucky Core Content Test (KCCT).

### Testing Priority Designation

Information necessary to make priority designations relative to assessments was obtained from the Kentucky Department of Education Web site. A review and analysis of the assessment data identified those science content statements that are eligible for state assessment. A High (H)

designation was given if the content statement was identified as assessable. A Low (L) designation was given if the content statement was not identified as assessable. There were no Medium (M) designations given.

Science summary data are presented in Table 3.

**Table 3. Science Kentucky Assessment Data Summary.**

	Subdomains	Standards	KCCT			NESS*		
			H	M	L	H 1-32	M 33-50	L 51-85
<b>Science</b>								
<b>Grade 4</b>	4	21	19	0	2	18	12	1
<b>Grade 7</b>	4	14	12	0	2	10	1	3
<b>High School</b>	4	46	34	0	12	29	9	8

## Totals for English Language Arts, Mathematics, and Science

Table 4 presents the number of Standards compared to the number of Standards tested. Using this data, the percentage of Standards tested was calculated.

**Table 4. Totals and Percentages for English Language Arts, Mathematics, and Science.**

	# Standards	# Standards Tested	% Standards Tested
<b>English Language Arts</b>	468	180	38%
<b>Mathematics</b>	287	170	59%
<b>Science</b>	81	65	80%
<b>Totals</b>	836	415	50%

## References

### Kentucky Department of Education

[www.education.ky.gov/KDE](http://www.education.ky.gov/KDE)

### Core Content

[www.education.ky.gov/KDE/Instructional+Resources/Curriculum+Documents+and+Resources/Core+Content+for+Assessment/default.htm](http://www.education.ky.gov/KDE/Instructional+Resources/Curriculum+Documents+and+Resources/Core+Content+for+Assessment/default.htm)

### Assessment Data

[www.education.ky.gov/KDE/Instructional+Resources/Curriculum+Documents+and+Resources/Core+Content+for+Assessment/Core+Content+for+Assessment+4.0/default.htm](http://www.education.ky.gov/KDE/Instructional+Resources/Curriculum+Documents+and+Resources/Core+Content+for+Assessment/Core+Content+for+Assessment+4.0/default.htm)

\***NESS (National Essential Skills Study)** in the preceding subject summary charts refers to the *International Center for Leadership in Education's* 2007 national survey, a forced-ranking by approximately 13,000 adults of the proficiencies deemed most important for high school graduates in each of English Language Arts, Math, and Science.

- English Language Arts proficiencies ranked 1-19 were assigned a High (H) rating; items ranked 20-38 were assigned a Medium (M) rating; and items ranked 39-50 were assigned a Low (L) rating.
- Math proficiencies ranked 1-16 were assigned a High (H) rating; items ranked 17-42 were assigned a Medium (M) rating; and items ranked 43-70 were assigned a Low (L) rating.
- Science proficiencies ranked 1-32 were assigned a High (H) rating; items marked 33-50 were assigned a Medium (M) rating; and items ranked 51-85 were assigned a Low (L) rating.

Where English Language Arts, Math, and Science proficiencies overlapped across indicators in other subjects (for example an English Language Arts proficiency within a Science indicator), the rating of H, M, or L was designated to the proficiency in the subject of focus. A complete description of the *National Essential Skills Study* is provided elsewhere in this resource kit.

