

# Maryland Curriculum Matrix Summary

## English Language Arts

The Maryland Voluntary State Curriculum English Language Arts content standards and core learning goals are assessed by the Maryland School Assessment (MSA) in Grades 3-8 and by the High School Assessment (HSA) test in High School English. Objectives assessed on the MSA and HSA tests are indicated by Assessment Limits in the Voluntary State Curriculum standards and core learning goals.

### Priority Designation

Ratings for indicators were determined as follows:

#### *Grades 3-8 English Language Arts (MSA):*

**H** for assessment limits identified

**L** for no assessment limits or indicated not to be tested

#### *HS English (HSA):*

**H** for 2 or more items appearing on past tests (identified through public release test items)

**M** for 1 item appearing on past tests OR no items on past tests but assessment limits identified

**L** for no assessment limits or indicated not to be tested

Information necessary to make priority designations was obtained from the School Improvement in Maryland Web Site (<http://www.mdk12.org>). Go to “Understanding Standards, Assessments, and AYP.” Follow links to MSA (“What does MSA test?”) and HSA (What do the assessments test?”). English Language Arts summary data are presented in Table 1 below.

**Table 1. Maryland English Language Arts MSA/HSA Data Summary**

	Content Standards or Learning Goals	Objectives/ Indicators	Maryland State Assessment (MSA) or High School Assessment (HSA) 2006			Curriculum Survey		
			H	M	L	H 1-35	M 36-70	L 71+
<b>English Language Arts</b>								
<b>Grade 3</b>	7	172	72	0	100	103	42	27
<b>Grade 4</b>	7	170	73	0	97	98	44	28
<b>Grade 5</b>	7	164	74	0	90	93	44	27
<b>Grade 6</b>	7	164	87	0	77	92	56	16
<b>Grade 7</b>	7	142	71	0	71	80	54	8
<b>Grade 8</b>	7	145	74	0	71	82	54	9
<b>HS English</b>	4	56	13	14	29	24	23	9
<b>Totals</b>	46	1013	464	14	535	572	317	124

## Mathematics

The Maryland Voluntary State Curriculum Math content standards and core learning goals are assessed by the Maryland School Assessment (MSA) in Grades 3-8 and by the High School Assessment (HSA) test in Algebra and Data Analysis. Objectives assessed on the MSA and HSA tests are indicated by Assessment Limits in the Voluntary State Curriculum standards and core learning goals.

*At the time of publication of this document, a High School Geometry assessment was in development, but final assessment data were not available. This assessment will be added to the curriculum matrix at the next revision.*

### Priority Designations

Ratings for indicators were determined as follows:

#### *Grades 3-8 Math (MSA):*

**H** for assessment limits identified

**L** for no assessment limits or indicated not to be tested

#### *HS Algebra:*

**H** for 10 or more items appearing on past tests (identified through public release test items)

**M** for 1-9 items appearing on past tests and assessment limits defined

**L** for no assessment limits or indicated not to be tested

Information necessary to make priority designations was obtained from the School Improvement in Maryland Web Site (<http://www.mdk12.org>). Go to “Understanding Standards, Assessments, and AYP.” Follow links to MSA (“What does MSA test?”) and HSA (What do the assessments test?”). Math summary data are presented in Table 2 below.

**Table 2. Maryland Math MSA/HSA Data Summary**

	Content Standards or Learning Goals	Objectives/ Indicators	Maryland State Assessment (MSA) or High School Assessment (HSA) 2006			Curriculum Survey		
			H	M	L	H 1-35	M 36-70	L 71+
<b>Mathematics</b>			<b>H</b>	<b>M</b>	<b>L</b>	<b>H 1-35</b>	<b>M 36-70</b>	<b>L 71+</b>
<b>Grade 3</b>	7	89	44	0	45	73	10	6
<b>Grade 4</b>	7	90	50	0	40	75	9	6
<b>Grade 5</b>	7	91	57	0	34	78	7	6
<b>Grade 6</b>	7	85	41	0	44	69	10	6
<b>Grade 7</b>	7	86	43	0	43	67	13	6
<b>Grade 8</b>	7	82	50	0	32	63	14	5
<b>Algebra and Data Analysis</b>	3	24	22	2	0	22	2	0
<b>Totals - Mathematics</b>	45	547	307	2	238	447	65	35

## Science

The Maryland Voluntary State Curriculum Science content standards and core learning goals are currently assessed by the High School Assessment (HSA) test in Biology. Objectives assessed on the HSA test are indicated by Assessment Limits in the Voluntary State Curriculum core learning goals.

*At the time of publication of this document, Science assessments for Grades 3, 5, and 8 were in development, but final assessment data were not available. These assessments are scheduled to be added as early as March, 2008 and will be added to the curriculum matrix at that time.*

### Priority Designations

#### **HS Biology:**

**H** for 3 or more items appearing on past tests (identified through public release test items)

**M** for 1-2 items appearing on past tests and assessment limits defined

**L** for no assessment limits or indicated not to be tested

Information necessary to make priority designations was obtained from the School Improvement in Maryland Web Site (<http://www.mdk12.org>). Go to “Understanding Standards, Assessments, and AYP.” Follow links to MSA (“What does MSA test?”) and HSA (What do the assessments test?”). Math summary data are presented in Table 3 below.

**Table 3. Maryland Science MSA/HSA Data Summary**

	Core Learning Goals	Indicators	Maryland High School Assessment (HSA) 2006			Curriculum Survey		
			H	M	L	H 1-35	M 36-70	L 71+
<b>Science</b>								
<b>Biology</b>	2	63	17	15	31	52	6	5
<b>Totals - Science</b>	2	63	17	15	31	52	6	5

## Maryland Curriculum Matrix Summary

### Totals for MSA/HSA Tested English Language Arts, Mathematics, and Science

Table 4 below summarizes the data for English Language Arts, Mathematics, and Science assessed by the MSA and HSA in Grades 3-8 and high school.

**Table 4. Totals for All MSA and HSA Tested Grade Levels in English Language Arts, Mathematics, and Science.**

	Content Standards or Learning Goals	Objectives/ Indicators	Maryland State Assessment (MSA) or High School Assessment (HSA) 2006			Curriculum Survey		
			H	M	L	H 1-35	M 36-70	L 71+
<b>MSA and HSA</b>			<b>H</b>	<b>M</b>	<b>L</b>	<b>H 1-35</b>	<b>M 36-70</b>	<b>L 71+</b>
<b>English Language Arts</b>	46	1013	464	14	535	572	317	124
<b>Mathematics</b>	45	547	307	2	238	447	65	35
<b>Science</b>	2	63	17	15	31	52	6	5
<b>Grand Totals</b>	93	1623	788	31	804	1071	388	164

# Maryland Curriculum Matrix Summary

## Total Percentage for MSA/HSA Tested English Language Arts, Mathematics, and Science

Table 5 below presents the number of total Content Standards/Core Learning Goals objectives and indicators compared to the number of objectives/indicators tested in either the MSA or HSA tests. Using this data, the percentage of objectives tested was calculated.

**Table 5. Total Percentage for All MSA and HSA Tested Grade Levels in English Language Arts, Mathematics, and Science.**

	# of Content Standards or Learning Goals	# of Objectives/ Indicators Tested	% of Objectives/Indicators Tested
<b>English LA</b>	1013	478	47%
<b>Mathematics</b>	547	309	56%
<b>Science</b>	63	32	51%
<b>TOTAL</b>	1623	819	50%

### References

**Maryland State Department of Education Web Site**  
<http://www.marylandpublicschools.org/msde>

*Testing Content and Data*  
*(includes testing calendar)*  
<http://www.marylandpublicschools.org/MSDE/testing/>

**School Improvement in Maryland Web Site**  
<http://www.mdk12.org>

*Maryland Voluntary State Curriculum*  
 Content Standards and Assessment Limits—Grades K-8  
<http://www.mdk12.org/mspp/vsc/index.html>

Core Learning Goals and Assessment Limits—High School  
<http://www.mdk12.org/mspp/standards/9-12.html>

