July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education

MEA
Maine Educational Assessment

School Report
Grade 7

Test Date:	March 2009
Code:	12311619
SAU:	MSAD 37
School:	Harrington Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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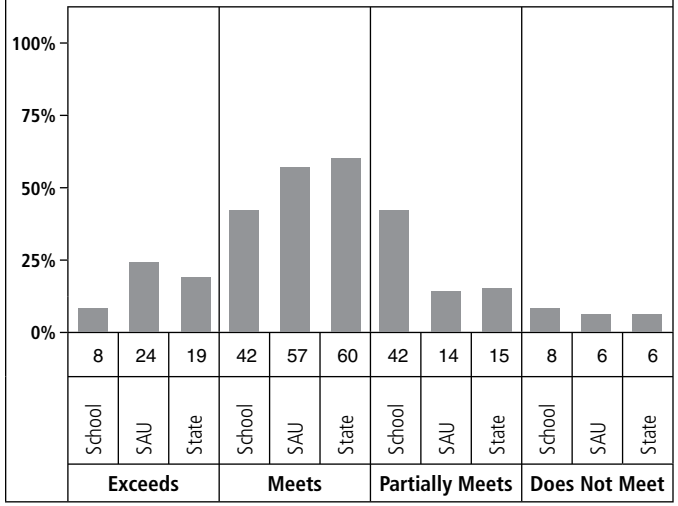
SUMMARY OF SCORES

Test Date: March 2009
Grade: 7
SAU: MSAD 37
School: Harrington Elementary School

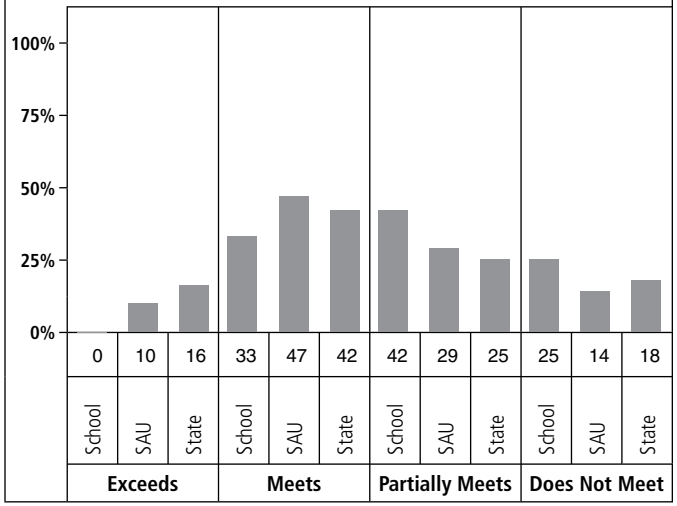
Summary of School, SAU, and State Scores

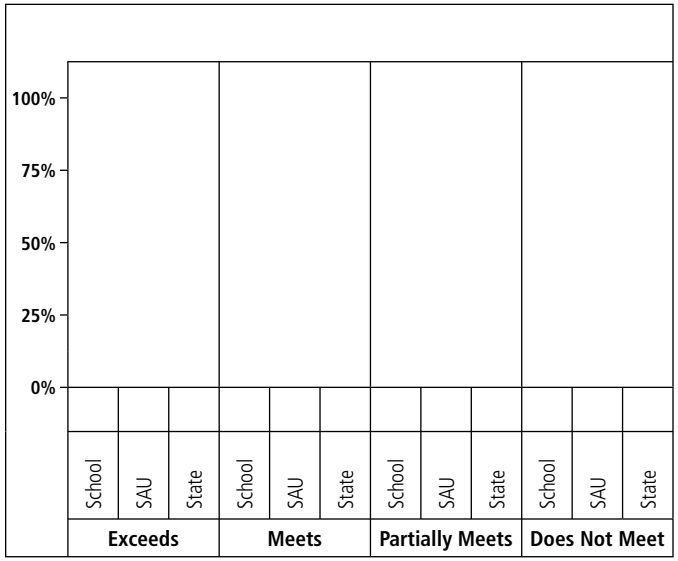
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	760	754	748
2007–2008	745	751	750
2008–2009	**745**	**752**	**751**
Cum. Avg.*	749	752	750
Mathematics			
2006–2007	752	749	742
2007–2008	730	740	743
2008–2009	**739**	**746**	**745**
Cum. Avg.*	739	745	743

ELA – READING



MATHEMATICS





*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: MSAD 37
School: Harrington Elementary School

CATEGORY OF PARTICIPATION	Enrollment[1] during testing window						CONTENT AREA PARTICIPATION[2]																	
							ELA–Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	13	100	52	100	14446	100	13	100	52	100	14316	99	13	100	52	100	14322	99						
Ethnicity African American/Black	0	0	0	0	432	3	0	0	0	0	416	97	0	0	0	0	421	98						
American Indian or Native Alaskan	0	0	0	0	124	1	0	0	0	0	121	98	0	0	0	0	122	99						
Asian or Pacific Islander	0	0	0	0	260	2	0	0	0	0	255	98	0	0	0	0	259	100						
Hispanic	0	0	0	0	147	1	0	0	0	0	144	99	0	0	0	0	144	99						
Caucasian/White	13	100	52	100	13483	93	13	100	52	100	13380	99	13	100	52	100	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	4	31	9	17	2428	17	4	100	9	100	2391	99	4	100	9	100	2391	99						
Current LEP	0	0	0	0	334	2	0	0	0	0	318	95	0	0	0	0	328	98						
Economically disadvantaged	5	38	28	54	5498	38	5	100	28	100	5431	99	5	100	28	100	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION[3]	ELA–Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	9	69	41	79	11742	81	9	69	41	79	11754	81						
Identified disability (PET/IEP)	0	0	0	0	367	3	0	0	0	0	365	3						
LEP	0	0	0	0	168	1	0	0	0	0	169	1						
504 plan	0	0	0	0	183	2	0	0	0	0	187	2						
Participation with accommodations	3	23	10	19	2367	16	3	23	10	19	2366	16						
Identified disability (PET/IEP)	3	100	8	80	1819	77	3	100	8	80	1824	77						
LEP	0	0	0	0	143	6	0	0	0	0	154	7						
504 plan	0	0	0	0	84	4	0	0	0	0	80	3						
Other	0	0	2	20	358	15	0	0	2	20	346	15						
Participation through alternate assessment (PAAP)	1	8	1	2	205	1	1	8	1	2	202	1						
Identified disability (PET/IEP)	1	100	1	100	205	100	1	100	1	100	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	33	0	0	0	0	0	32	0						
Non-participation – other	0	0	0	0	97	1	0	0	0	0	92	1						

[1]Percents are the percentage of students enrolled in each participation category.
[2]Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.
[3]Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2009
Grade:	7
SAU:	MSAD 37
School:	Harrington Elementary School

ACHIEVEMENT LEVEL DEFINITIONS

The quality of a student's work at each achievement level reflects progress in attaining Maine's *Learning Results: Parameters for Essential Instruction* in English language arts – reading.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	4	40	14	25	2630	18
	2007-2008	0	0	12	20	2604	18
	2008-2009	**1**	**8**	**12**	**24**	**2618**	**19**
	Cum. Total*	5	14	38	23	7852	18
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	5	50	32	57	7605	51
	2007-2008	7	50	32	53	8049	55
	2008-2009	**5**	**42**	**29**	**57**	**8484**	**60**
	Cum. Total*	17	47	93	56	24138	56
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	1	10	5	9	3000	20
	2007-2008	7	50	13	22	2672	18
	2008-2009	**5**	**42**	**7**	**14**	**2108**	**15**
	Cum. Total*	13	36	25	15	7780	18
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	0	0	5	9	1620	11
	2007-2008	0	0	3	5	1190	8
	2008-2009	**1**	**8**	**3**	**6**	**899**	**6**
	Cum. Total*	1	3	11	7	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	**56**	**100**	30.3	54.1	35.1	62.7	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	**20**	**36**	9.8	49.0	12.0	60.0	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	**36**	**64**	20.4	56.7	23.1	64.2	22.6	62.8

The MEA assesses students' reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html.

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

ELA-READING RESULTS
(CONTINUED)

Test Date: March 2009
Grade: 7
SAU: MSAD 37
School: Harrington Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	12	1	8	5	42	5	42	1	8	745	51	24	57	14	6	752	14109	19	60	15	6	751
Ethnicity																						
African American/Black	0										0						409	11	49	22	18	744
American Indian or Native Alaskan	0										0						117	12	53	19	16	746
Asian or Pacific Islander	0										0						253	24	59	11	6	753
Hispanic	0										0						142	14	56	17	13	747
Caucasian/White	12	1	8	5	42	5	42	1	8	745	51	24	57	14	6	752	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	3										8	0	63	13	25	741	2186	2	36	35	27	737
No	9	1	11	4	44	4	44	0	0	748	43	28	56	14	2	754	11923	22	65	11	3	754
Current LEP																						
Yes	0										0						311	4	41	29	26	739
No	12	1	8	5	42	5	42	1	8	745	51	24	57	14	6	752	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	5	0	0	4	80	1	20	0	0	750	28	18	68	7	7	751	5300	8	58	22	11	746
No	7	1	14	1	14	4	57	1	14	741	23	30	43	22	4	753	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	12	1	8	5	42	5	42	1	8	745	51	24	57	14	6	752	14101	19	60	15	6	751
Gender																						
Female	8	1	13	4	50	2	25	1	13	748	23	39	43	13	4	755	6993	24	61	11	4	754
Male	4										28	11	68	14	7	750	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	0	0	4	50	4	50	0	0	746	19	5	68	21	5	748	1025	10	53	27	11	745
No	4										32	34	50	9	6	755	13084	19	61	14	6	752
Gifted/talented program																						
Yes	0										0						676	66	33	1	0	766
No	12	1	8	5	42	5	42	1	8	745	51	24	57	14	6	752	13433	16	61	16	7	750

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

ELA-READING RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 7
SAU: MSAD 37
School: Harrington Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	8	0	0	0	0	0	0	1	100	726	8	75	0	0	25	759	7	8	48	25	19	743
B. less than one hour	50	1	17	2	33	3	50	0	0	749	71	23	57	14	6	752	52	17	62	15	6	751
C. one to two hours	25	0	0	2	67	1	33	0	0	745	14	14	71	14	0	749	37	23	61	12	4	753
D. more than two hours	17	0	0	1	50	1	50	0	0	742	6	0	67	33	0	748	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	25	0	0	2	67	1	33	0	0	745	33	38	50	13	0	756	30	33	56	7	4	756
B. good	58	1	14	3	43	2	29	1	14	748	49	25	50	13	13	751	49	16	64	14	5	751
C. fair	17	0	0	0	0	2	100	0	0	736	18	0	78	22	0	746	19	5	59	26	10	745
D. poor	0										0						3	3	45	32	21	740
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	17	0	0	1	50	1	50	0	0	742	29	29	57	14	0	754	33	24	62	10	3	754
B. They match some of what I have learned.	33	1	25	1	25	2	50	0	0	746	57	29	54	11	7	753	52	18	62	15	5	751
C. They match just a little of what I have learned.	42	0	0	2	40	2	40	1	20	744	12	0	50	33	17	744	11	11	54	23	13	746
D. There is no match.	8	0	0	1	100	0	0	0	0	750	2	0	100	0	0	750	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	17	0	0	1	50	0	0	1	50	736	10	20	60	0	20	748	17	16	55	18	12	748
B. about the same as my regular schoolwork	75	1	11	4	44	4	44	0	0	748	73	25	53	17	6	752	65	19	62	14	5	752
C. easier than my regular schoolwork	8	0	0	0	0	1	100	0	0	738	16	25	63	13	0	755	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	25	0	0	0	0	2	67	1	33	735	17	0	50	25	25	743	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	33	1	25	2	50	1	25	0	0	753	50	29	54	13	4	754	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	42	0	0	3	60	2	40	0	0	745	33	31	56	13	0	755	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	42	1	20	1	20	3	60	0	0	748	61	37	47	13	3	755	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	58	0	0	4	57	2	29	1	14	743	39	5	68	16	11	747	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	0										0						5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	0										12	67	33	0	0	761	21	27	57	11	5	755
B. 20 minutes to an hour	17	0	0	2	100	0	0	0	0	754	31	27	60	7	7	753	45	22	62	12	4	753
C. less than 20 minutes	25	1	33	2	67	0	0	0	0	757	14	29	57	14	0	753	13	13	61	17	8	749
D. I rarely read at home.	58	0	0	1	14	5	71	1	14	737	43	10	57	24	10	748	21	7	59	24	11	746
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										100	100	0	0	0	770						

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**
N = Number

MATHEMATICS RESULTS

Test Date:	March 2009
Grade:	7
SAU:	MSAD 37
School:	Harrington Elementary School

ACHIEVEMENT LEVEL DEFINITIONS

The quality of a student's work at each achievement level reflects progress in attaining Maine's *Learning Results: Parameters for Essential Instruction* in mathematics.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	2	20	7	13	2142	14
	2007-2008	0	0	2	3	2028	14
	2008-2009	**0**	**0**	**5**	**10**	**2220**	**16**
	Cum. Total*	2	6	14	8	6390	15
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (Scaled Score 742–760)	2006-2007	5	50	34	61	5642	38
	2007-2008	4	29	31	52	5703	39
	2008-2009	**4**	**33**	**24**	**47**	**5879**	**42**
	Cum. Total*	13	36	89	53	17224	40
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	3	30	10	18	4077	27
	2007-2008	5	36	15	25	3733	26
	2008-2009	**5**	**42**	**15**	**29**	**3537**	**25**
	Cum. Total*	13	36	40	24	11347	26
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	0	0	5	9	3001	20
	2007-2008	5	36	12	20	3054	21
	2008-2009	**3**	**25**	**7**	**14**	**2484**	**18**
	Cum. Total*	8	22	24	14	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	**56**	**100**	25.3	45.2	30.3	54.1	29.9	53.4
A. Number	**14**	**25**	6.8	48.6	7.9	56.4	7.7	55.0
B. Data	**16**	**29**	6.8	42.5	8.2	51.3	8.1	50.6
C. Geometry	**12**	**21**	5.3	44.2	6.1	50.8	6.9	57.5
D. Algebra	**14**	**25**	6.4	45.7	8.2	58.6	7.3	52.1

The MEA assesses students' mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

MATHEMATICS RESULTS
(CONTINUED)

Test Date: March 2009
Grade: 7
SAU: MSAD 37
School: Harrington Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	12	0	0	4	33	5	42	3	25	739	51	10	47	29	14	746	14120	16	42	25	18	745
Ethnicity																						
African American/Black	0										0						416	5	26	28	41	733
American Indian or Native Alaskan	0										0						119	8	30	31	30	737
Asian or Pacific Islander	0										0						258	25	43	19	13	750
Hispanic	0										0						142	8	39	23	30	739
Caucasian/White	12	0	0	4	33	5	42	3	25	739	51	10	47	29	14	746	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	3										8	0	38	38	25	737	2189	2	17	27	53	728
No	9	0	0	4	44	4	44	1	11	743	43	12	49	28	12	747	11931	18	46	25	11	748
Current LEP																						
Yes	0										0						323	4	20	28	48	729
No	12	0	0	4	33	5	42	3	25	739	51	10	47	29	14	746	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	5	0	0	3	60	1	20	1	20	744	28	7	43	39	11	745	5308	7	35	30	28	738
No	7	0	0	1	14	4	57	2	29	735	23	13	52	17	17	746	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	12	0	0	4	33	5	42	3	25	739	51	10	47	29	14	746	14112	16	42	25	18	745
Gender																						
Female	8	0	0	4	50	2	25	2	25	741	23	4	57	26	13	746	6992	16	43	25	16	745
Male	4										28	14	39	32	14	746	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	0	0	4	50	3	38	1	13	743	19	0	63	26	11	744	1024	7	26	36	31	736
No	4										32	16	38	31	16	747	13096	16	43	24	17	745
Gifted/talented program																						
Yes	0										0						676	68	29	2	0	767
No	12	0	0	4	33	5	42	3	25	739	51	10	47	29	14	746	13444	13	42	26	18	744

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

MATHEMATICS RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 7
SAU: MSAD 37
School: Harrington Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	8	0	0	0	0	0	0	1	100	718	8	0	50	25	25	741	7	6	30	28	36	735
B. less than one hour	50	0	0	2	33	2	33	2	33	740	71	11	46	29	14	747	52	16	42	25	17	745
C. one to two hours	25	0	0	1	33	2	67	0	0	741	14	14	43	29	14	744	37	18	44	24	14	747
D. more than two hours	17	0	0	1	50	1	50	0	0	741	6	0	33	67	0	741	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	8	0	0	1	100	0	0	0	0	760	16	25	50	25	0	755	26	35	43	12	9	754
B. good	58	0	0	2	29	4	57	1	14	739	63	10	52	29	10	747	46	13	48	25	15	745
C. fair	25	0	0	1	33	1	33	1	33	733	16	0	25	38	38	735	23	3	32	37	27	737
D. poor	8	0	0	0	0	0	0	1	100	726	4	0	0	50	50	732	5	1	22	37	40	731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	25	0	0	1	33	1	33	1	33	741	22	9	64	9	18	747	26	23	43	20	13	749
B. They match some of what I have learned.	58	0	0	3	43	3	43	1	14	740	67	12	45	30	12	747	53	15	45	26	15	746
C. They match just a little of what I have learned.	8	0	0	0	0	1	100	0	0	738	8	0	0	100	0	737	17	9	35	32	24	740
D. There is no match.	8	0	0	0	0	0	0	1	100	718	2	0	0	0	100	718	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	58	0	0	3	43	2	29	2	29	737	43	5	38	43	14	743	37	8	40	29	23	740
B. about the same as my regular schoolwork	25	0	0	1	33	2	67	0	0	746	49	17	50	21	13	748	51	16	44	25	15	746
C. easier than my regular schoolwork	17	0	0	0	0	1	50	1	50	732	8	0	50	25	25	743	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	33	0	0	1	25	2	50	1	25	736	59	7	59	24	10	747	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	58	0	0	3	43	3	43	1	14	743	39	16	26	42	16	745	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	8	0	0	0	0	0	0	1	100	718	2	0	0	0	100	718	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	8	0	0	1	100	0	0	0	0	756	8	0	25	75	0	742	8	8	30	29	33	737
B. 30–45 minutes	33	0	0	1	25	2	50	1	25	735	29	7	43	36	14	742	38	13	40	27	20	743
C. 45–60 minutes	50	0	0	2	33	2	33	2	33	738	29	7	43	21	29	743	42	20	45	23	12	748
D. more than 60 minutes	8	0	0	0	0	1	100	0	0	738	35	18	53	24	6	752	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	8	0	0	0	0	0	0	1	100	720	8	0	50	25	25	740	15	19	38	25	19	745
B. two or three days a week	50	0	0	2	33	4	67	0	0	743	29	7	50	36	7	747	31	18	42	24	16	746
C. two or three times a month	25	0	0	1	33	1	33	1	33	737	33	19	44	25	13	748	26	17	43	24	17	746
D. never or almost never	17	0	0	1	50	0	0	1	50	735	31	7	40	33	20	743	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	8	0	0	0	0	0	0	1	100	720	4	0	50	0	50	734	10	12	39	24	24	741
B. two or three days a week	17	0	0	1	50	1	50	0	0	742	29	7	36	36	21	741	22	13	43	26	18	744
C. two or three times each month	8	0	0	0	0	1	100	0	0	738	21	30	40	20	10	754	33	18	44	25	13	747
D. never or almost never	67	0	0	3	38	3	38	2	25	740	46	5	50	36	9	745	35	16	40	25	19	744
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										100	0	100	0	0	758						

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