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 6

Test Date:	March 2009
Code:	12511730
SAU:	MSAD 57
School:	Waterboro 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.

Topic ***Page***

Summary of Scores 2
Summary of Student Participation 3
English Language Arts – Reading Results 4-6
Mathematics Results. 7-9

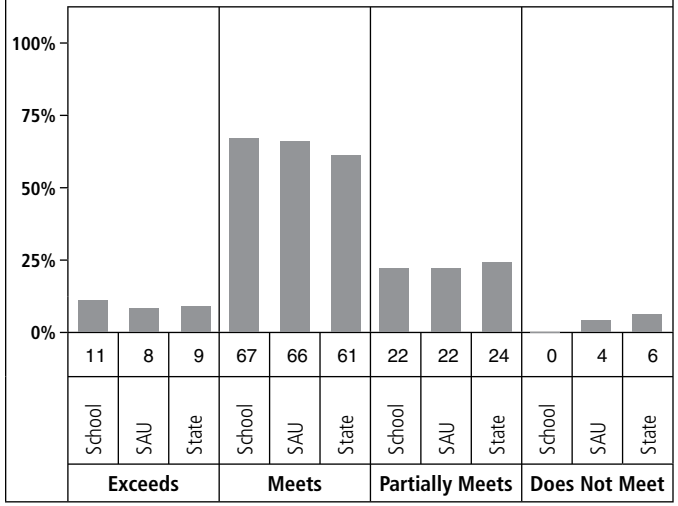
SUMMARY OF SCORES

Test Date: March 2009
Grade: 6
SAU: MSAD 57
School: Waterboro Elementary School

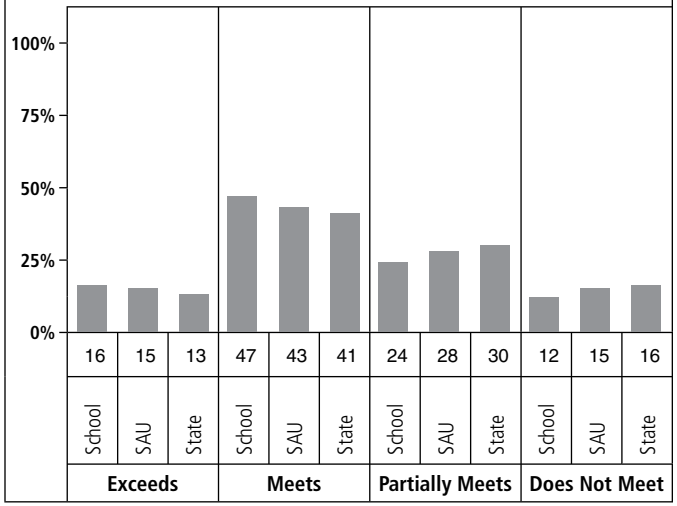
Summary of School, SAU, and State Scores

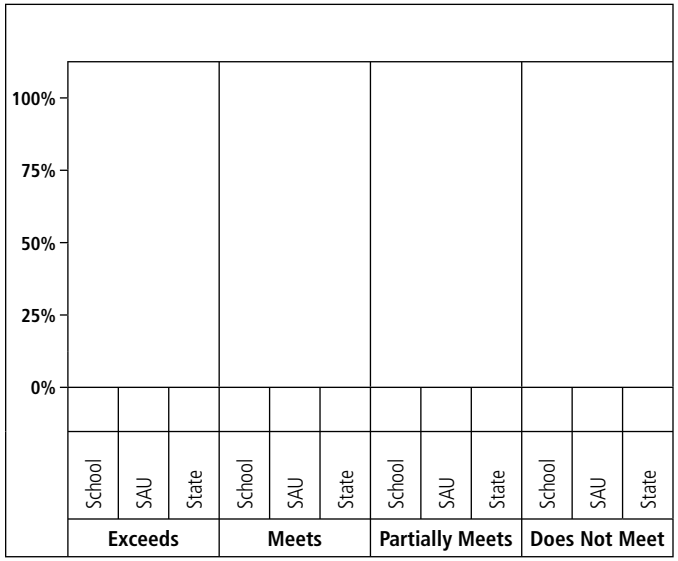
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	645	645	646
2007–2008	649	649	648
2008–2009	**649**	**648**	**647**
Cum. Avg.*	648	647	647
Mathematics			
2006–2007	639	639	643
2007–2008	646	645	642
2008–2009	**647**	**645**	**643**
Cum. Avg.*	644	643	643

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: 6
SAU: MSAD 57
School: Waterboro 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	97	100	255	100	14251	100	97	100	255	100	14150	99	97	100	255	100	14156	100						
Ethnicity African American/Black	0	0	2	1	421	3	0	0	2	100	412	98	0	0	2	100	415	99						
American Indian or Native Alaskan	0	0	2	1	128	1	0	0	2	100	127	99	0	0	2	100	128	100						
Asian or Pacific Islander	1	1	2	1	212	1	1	100	2	100	210	99	1	100	2	100	212	100						
Hispanic	0	0	0	0	181	1	0	0	0	0	177	98	0	0	0	0	178	99						
Caucasian/White	96	99	249	98	13309	93	96	100	249	100	13224	100	96	100	249	100	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	10	10	44	17	2468	17	10	100	44	100	2423	99	10	100	44	100	2426	99						
Current LEP	1	1	2	1	341	2	1	100	2	100	330	97	1	100	2	100	338	99						
Economically disadvantaged	48	49	108	42	5780	41	48	100	108	100	5724	99	48	100	108	100	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	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	87	90	205	80	11369	80	87	90	207	81	11373	80						
Identified disability (PET/IEP)	1	1	8	4	355	3	1	1	8	4	371	3						
LEP	1	1	2	1	167	1	1	1	2	1	170	1						
504 plan	5	6	10	5	172	2	5	6	12	6	175	2						
Participation with accommodations	10	10	49	19	2594	18	10	10	47	18	2605	18						
Identified disability (PET/IEP)	9	90	35	71	1881	73	9	90	35	74	1877	72						
LEP	0	0	0	0	155	6	0	0	0	0	161	6						
504 plan	1	10	10	20	74	3	1	10	8	17	71	3						
Other	0	0	4	8	519	20	0	0	4	9	532	20						
Participation through alternate assessment (PAAP)	0	0	1	0	187	1	0	0	1	0	178	1						
Identified disability (PET/IEP)	0	0	1	100	187	100	0	0	1	100	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
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	0	0												
Approved non-participation – special consideration	0	0	0	0	26	0	0	0	0	0	25	0						
Non-participation – other	0	0	0	0	75	1	0	0	0	0	70	0						

[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:	6
SAU:	MSAD 57
School:	Waterboro 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 662–680)	2006-2007	7	7	22	8	1132	8
	2007-2008	12	11	35	13	1817	13
	2008-2009	**11**	**11**	**20**	**8**	**1309**	**9**
	Cum. Total*	30	10	77	10	4258	10
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 642–660)	2006-2007	53	52	149	52	8127	57
	2007-2008	80	70	163	62	8072	57
	2008-2009	**65**	**67**	**167**	**66**	**8564**	**61**
	Cum. Total*	198	63	479	60	24763	59
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 630–640)	2006-2007	31	30	69	24	3549	25
	2007-2008	20	18	55	21	3194	23
	2008-2009	**21**	**22**	**56**	**22**	**3291**	**24**
	Cum. Total*	72	23	180	22	10034	24
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 600–628)	2006-2007	11	11	44	15	1478	10
	2007-2008	2	2	11	4	981	7
	2008-2009	**0**	**0**	**11**	**4**	**799**	**6**
	Cum. Total*	13	4	66	8	3258	8

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**	35.5	63.4	34.2	61.1	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	**20**	**36**	12.8	64.0	12.3	61.5	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	**36**	**64**	22.7	63.1	21.9	60.8	21.9	60.8

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: 6
SAU: MSAD 57
School: Waterboro 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	97	11	11	65	67	21	22	0	0	649	254	8	66	22	4	648	13963	9	61	24	6	647
Ethnicity																						
African American/Black	0										2						403	5	46	34	15	641
American Indian or Native Alaskan	0										2						125	4	49	38	10	642
Asian or Pacific Islander	1										2						206	18	56	20	6	649
Hispanic	0										0						174	5	55	33	7	644
Caucasian/White	96	11	11	64	67	21	22	0	0	649	248	7	66	22	4	647	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	1	10	9	90	0	0	634	43	0	23	58	19	635	2236	1	30	48	22	637
No	87	11	13	64	74	12	14	0	0	651	211	9	74	15	1	650	11727	11	67	19	3	649
Current LEP																						
Yes	1										2						322	2	39	37	21	638
No	96	11	11	64	67	21	22	0	0	649	252	8	65	22	4	648	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	48	1	2	31	65	16	33	0	0	646	108	4	61	28	7	645	5617	4	54	33	9	643
No	49	10	20	34	69	5	10	0	0	652	146	11	69	18	2	650	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	97	11	11	65	67	21	22	0	0	649	254	8	66	22	4	648	13959	9	61	24	6	647
Gender																						
Female	40	7	18	29	73	4	10	0	0	652	100	12	71	15	2	650	6743	13	63	20	4	649
Male	57	4	7	36	63	17	30	0	0	648	154	5	62	27	6	646	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1408	4	41	43	12	641
No	97	11	11	65	67	21	22	0	0	649	254	8	66	22	4	648	12555	10	64	21	5	648
Gifted/talented program																						
Yes	7	4	57	3	43	0	0	0	0	664	20	45	55	0	0	661	636	39	59	2	0	659
No	90	7	8	62	69	21	23	0	0	648	234	5	67	24	5	646	13327	8	61	25	6	647

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: 6
SAU: MSAD 57
School: Waterboro 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	1	0	0	0	0	1	100	0	0	640	6	0	53	13	33	638	6	5	47	32	16	642
B. less than one hour	55	5	9	36	68	12	23	0	0	649	59	7	68	21	3	648	59	9	62	24	5	647
C. one to two hours	42	5	13	27	68	8	20	0	0	649	33	10	65	24	1	648	32	11	64	21	4	648
D. more than two hours	2	1	50	1	50	0	0	0	0	653	2	25	25	50	0	644	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	30	7	24	21	72	1	3	0	0	655	39	13	76	10	0	652	31	17	66	14	3	651
B. good	49	3	6	34	71	11	23	0	0	648	40	6	65	24	5	646	48	8	64	23	5	647
C. fair	21	1	5	10	50	9	45	0	0	644	19	2	48	42	8	642	18	2	48	40	10	641
D. poor	0										2	0	50	17	33	638	2	1	34	47	18	638
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.	56	8	15	38	70	8	15	0	0	651	44	12	67	20	2	650	38	13	65	18	3	650
B. They match some of what I have learned.	37	3	8	25	69	8	22	0	0	649	44	6	68	22	4	647	49	8	63	24	5	647
C. They match just a little of what I have learned.	5	0	0	2	40	3	60	0	0	638	9	0	59	32	9	643	10	5	48	36	11	642
D. There is no match.	2	0	0	0	0	2	100	0	0	634	3	0	29	29	43	633	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	16	1	7	6	40	8	53	0	0	644	20	6	45	39	10	644	16	7	52	30	11	644
B. about the same as my regular schoolwork	73	8	12	48	70	13	19	0	0	650	66	9	70	18	3	649	66	10	64	22	4	648
C. easier than my regular schoolwork	12	2	18	9	82	0	0	0	0	653	14	6	78	17	0	650	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	9	0	0	4	44	5	56	0	0	641	14	0	37	51	11	639	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	63	4	7	42	69	15	25	0	0	648	49	5	66	25	4	647	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	28	7	26	19	70	1	4	0	0	655	37	15	77	6	2	652	35	16	67	14	3	651
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.	65	7	11	39	63	16	26	0	0	648	61	9	59	27	5	647	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	31	4	13	23	77	3	10	0	0	652	36	7	77	13	3	649	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	3	75	1	25	0	0	647	2	0	67	17	17	643	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	30	4	14	20	69	5	17	0	0	651	31	9	69	21	1	650	23	15	65	16	4	650
B. 20 minutes to an hour	44	6	14	31	72	6	14	0	0	651	44	11	71	15	3	649	49	10	64	22	4	648
C. less than 20 minutes	9	0	0	8	89	1	11	0	0	647	11	0	64	32	4	644	11	6	58	29	7	645
D. I rarely read at home.	16	1	6	6	38	9	56	0	0	641	14	3	44	36	17	641	17	2	51	36	11	642
Optional school/SAU question																						
A.	50	0	0	1	100	0	0	0	0	648	25	0	100	0	0	648						
B.	0										0											
C.	50	0	0	0	0	1	100	0	0	632	75	0	0	67	33	631						
D.	0										0											

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: 6
SAU: MSAD 57
School: Waterboro 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 662–680)	2006-2007	6	6	26	9	2092	15
	2007-2008	10	9	26	10	1474	10
	2008-2009	**16**	**16**	**38**	**15**	**1807**	**13**
	Cum. Total*	32	10	90	11	5373	13
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 642–660)	2006-2007	42	40	98	34	5731	40
	2007-2008	61	54	127	48	6008	43
	2008-2009	**46**	**47**	**109**	**43**	**5662**	**41**
	Cum. Total*	149	47	334	41	17401	41
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 628–640)	2006-2007	35	33	93	32	4175	29
	2007-2008	37	32	87	33	4244	30
	2008-2009	**23**	**24**	**70**	**28**	**4219**	**30**
	Cum. Total*	95	30	250	31	12638	30
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 600–626)	2006-2007	22	21	70	24	2308	16
	2007-2008	6	5	24	9	2346	17
	2008-2009	**12**	**12**	**37**	**15**	**2290**	**16**
	Cum. Total*	40	13	131	16	6944	16

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**	33.1	59.1	31.9	57.0	30.6	54.6
A. Number	**18**	**32**	11.3	62.8	10.9	60.6	10.3	57.2
B. Data	**12**	**21**	7.6	63.3	7.3	60.8	6.6	55.0
C. Geometry	**14**	**25**	7.1	50.7	7.0	50.0	7.3	52.1
D. Algebra	**12**	**21**	7.1	59.2	6.7	55.8	6.5	54.2

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: 6
SAU: MSAD 57
School: Waterboro 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	97	16	16	46	47	23	24	12	12	647	254	15	43	28	15	645	13978	13	41	30	16	643
Ethnicity																						
African American/Black	0										2						406	4	26	36	34	633
American Indian or Native Alaskan	0										2						126	4	29	40	28	635
Asian or Pacific Islander	1										2						208	18	47	23	12	647
Hispanic	0										0						175	5	31	41	23	638
Caucasian/White	96	16	17	45	47	23	24	12	13	647	248	14	44	27	15	644	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	2	20	5	50	3	30	634	43	2	14	42	42	630	2248	3	18	33	46	629
No	87	16	18	44	51	18	21	9	10	648	211	18	49	25	9	648	11730	15	45	30	11	646
Current LEP																						
Yes	1										2						331	3	22	35	40	631
No	96	16	17	45	47	23	24	12	13	647	252	15	42	28	15	645	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	48	5	10	22	46	12	25	9	19	643	108	10	41	30	19	641	5620	6	33	37	25	637
No	49	11	22	24	49	11	22	3	6	651	146	18	45	26	11	647	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	97	16	16	46	47	23	24	12	12	647	254	15	43	28	15	645	13974	13	41	30	16	643
Gender																						
Female	40	6	15	19	48	8	20	7	18	645	100	15	42	26	17	644	6738	12	40	32	16	642
Male	57	10	18	27	47	15	26	5	9	648	154	15	44	29	13	645	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1410	3	24	41	32	634
No	97	16	16	46	47	23	24	12	12	647	254	15	43	28	15	645	12568	14	42	29	15	644
Gifted/talented program																						
Yes	7	6	86	1	14	0	0	0	0	669	20	70	30	0	0	665	637	65	32	3	0	665
No	90	10	11	45	50	23	26	12	13	645	234	10	44	30	16	643	13341	10	41	31	17	642

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: 6
SAU: MSAD 57
School: Waterboro 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	1	0	0	0	0	1	100	0	0	640	6	0	33	27	40	632	6	7	32	28	32	636
B. less than one hour	55	10	19	28	53	10	19	5	9	649	59	18	45	26	11	647	59	13	41	30	16	643
C. one to two hours	42	6	15	16	40	12	30	6	15	644	33	13	41	34	12	644	32	14	41	31	14	644
D. more than two hours	2	0	0	1	50	0	0	1	50	639	2	0	25	0	75	629	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	30	11	38	16	55	2	7	0	0	658	31	33	42	17	8	653	30	27	45	18	9	651
B. good	37	4	11	18	50	11	31	3	8	646	40	11	51	28	10	645	46	9	45	31	15	643
C. fair	27	1	4	10	38	9	35	6	23	640	25	2	34	40	24	637	20	2	29	43	26	635
D. poor	6	0	0	2	33	1	17	3	50	629	4	0	20	30	50	624	4	1	15	46	38	630
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.	63	13	21	33	54	11	18	4	7	650	48	20	40	25	14	647	35	18	42	27	13	646
B. They match some of what I have learned.	30	3	10	11	38	10	34	5	17	642	41	11	48	32	10	645	50	11	43	31	15	643
C. They match just a little of what I have learned.	5	0	0	2	40	1	20	2	40	638	8	10	48	24	19	643	13	8	31	36	26	638
D. There is no match.	2	0	0	0	0	1	50	1	50	625	2	0	0	17	83	617	3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	20	1	5	9	47	5	26	4	21	641	28	7	45	28	20	641	32	7	40	34	20	640
B. about the same as my regular schoolwork	70	11	16	33	49	17	25	6	9	648	60	16	45	27	12	646	56	13	42	30	15	644
C. easier than my regular schoolwork	10	4	40	4	40	1	10	1	10	654	12	30	30	30	10	649	12	31	36	20	13	650
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.	65	8	13	32	51	16	25	7	11	645	65	13	45	28	14	644	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	35	8	24	14	41	7	21	5	15	649	33	19	41	24	16	646	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	0										2	25	25	50	0	646	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	2	0	0	1	50	0	0	1	50	642	3	13	25	25	38	641	6	8	29	29	34	635
B. 30–45 minutes	18	3	18	6	35	4	24	4	24	645	27	10	39	31	19	642	33	10	37	34	19	641
C. 45–60 minutes	67	10	15	33	51	15	23	7	11	647	49	17	47	25	11	646	45	15	44	29	12	645
D. more than 60 minutes	13	3	23	6	46	4	31	0	0	649	21	17	42	30	11	645	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	16	2	13	9	56	2	13	3	19	646	15	8	38	36	18	641	9	14	35	29	22	641
B. two or three days a week	45	10	23	24	55	9	20	1	2	652	34	15	48	31	6	647	26	15	40	30	16	644
C. two or three times each month	31	1	3	12	40	11	37	6	20	640	27	4	47	29	19	642	31	13	43	30	14	644
D. never or almost never	7	3	43	1	14	1	14	2	29	645	24	32	33	17	18	649	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	34	3	9	19	58	7	21	4	12	646	24	7	46	31	17	641	17	8	35	33	24	639
B. two or three days a week	33	8	25	14	44	7	22	3	9	650	29	17	50	24	10	647	28	13	42	30	15	643
C. two or three times each month	24	4	17	9	39	6	26	4	17	645	27	18	40	27	15	646	31	15	43	30	13	645
D. never or almost never	8	1	13	3	38	3	38	1	13	645	20	18	33	31	18	644	23	14	39	30	17	643
Optional school/SAU question																						
A.	50	0	0	0	0	0	0	1	100	616	25	0	0	0	100	616						
B.	0										0											
C.	50	0	0	1	100	0	0	0	0	660	75	0	33	0	67	628						
D.	0										0											

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