June 2008

DEPARTMENT OF EDUCATION
2007–2008 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 standards known as *Learning Results,* adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards 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 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 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. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of 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 Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education

MEA
Maine Educational Assessment

School Report
Grade 3

Test Date: March 2008
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.

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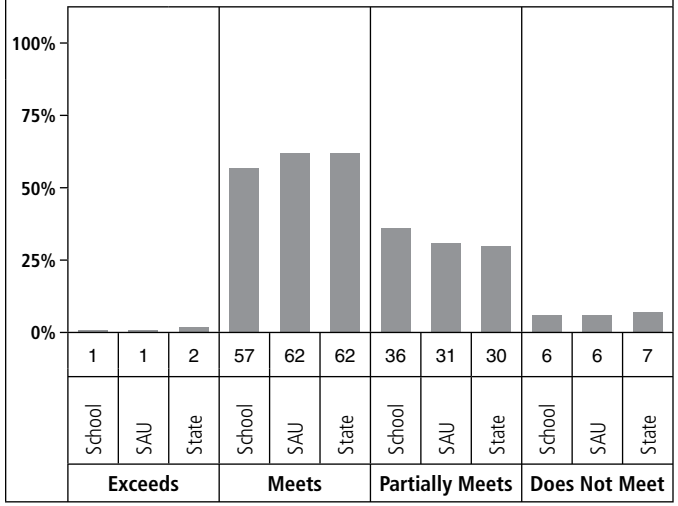
SUMMARY OF SCORES

Test Date:	March 2008
Grade:	3
SAU:	MSAD 57
School:	Waterboro Elementary School

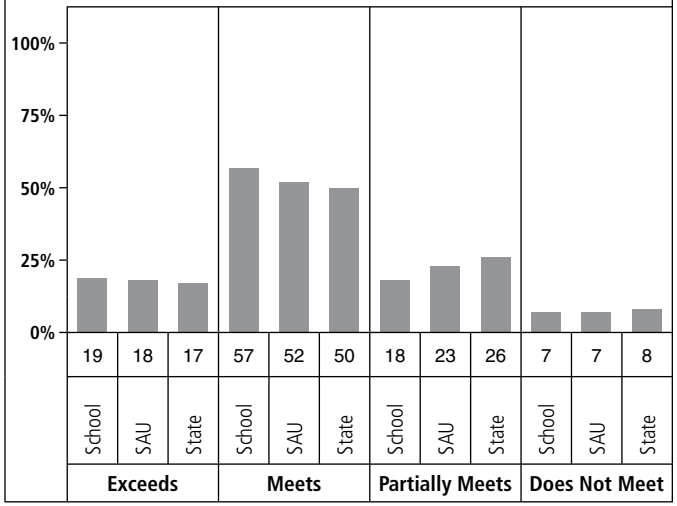
Summary of School, SAU, and State Scores

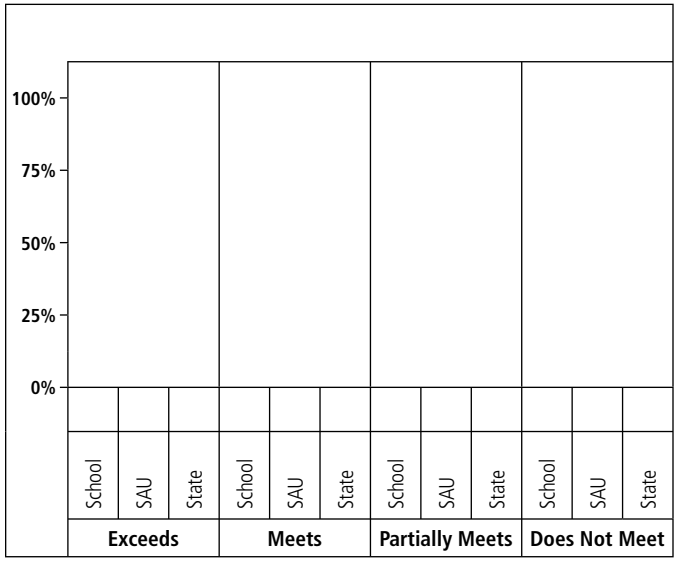
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	344	344	345
2006–2007	345	345	345
2007–2008	**343**	**345**	**344**
Cum. Avg.*	344	345	345
Mathematics			
2005–2006	344	343	344
2006–2007	348	348	347
2007–2008	**350**	**349**	**347**
Cum. Avg.*	348	347	346

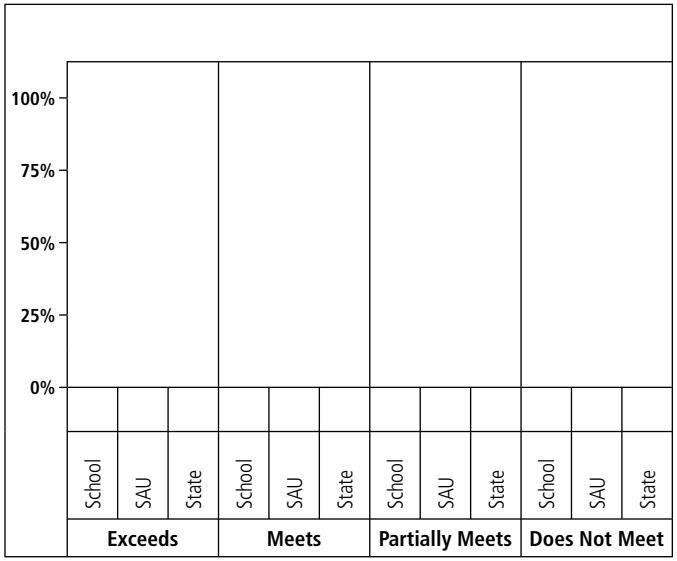
ELA – READING



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 2008
Grade: 3
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		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	107	100	278	100	13803	100	107	100	278	100	13714	99	107	100	278	100	13710	99												
Ethnicity African American/Black	2	2	3	1	399	3	2	100	3	100	391	98	2	100	3	100	392	98												
American Indian or Native Alaskan	0	0	2	1	116	1	0	0	2	100	114	99	0	0	2	100	114	99												
Asian or Pacific Islander	0	0	4	1	210	2	0	0	4	100	205	98	0	0	4	100	206	98												
Hispanic	0	0	0	0	162	1	0	0	0	0	158	98	0	0	0	0	159	98												
Caucasian/White	105	98	269	97	12916	94	105	100	269	100	12846	100	105	100	269	100	12839	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	16	15	38	14	2358	17	16	100	38	100	2333	99	16	100	38	100	2329	99												
Current LEP	0	0	0	0	371	3	0	0	0	0	357	96	0	0	0	0	361	98												
Economically disadvantaged	32	30	81	29	5584	40	32	100	81	100	5535	99	32	100	81	100	5530	99												
Migrant	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100												

MODE OF PARTICIPATION[3]	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	%
Participation without accommodations	91	85	231	83	10650	77	92	86	232	83	10678	77												
Identified disability (PET/IEP)	2	2	5	2	475	4	2	2	5	2	479	4												
LEP	0	0	0	0	151	1	0	0	0	0	149	1												
504 plan	1	1	7	3	83	1	1	1	7	3	85	1												
Participation with accommodations	16	15	45	16	2936	21	15	14	44	16	2911	21												
Identified disability (PET/IEP)	14	88	31	69	1735	59	14	93	31	70	1729	59												
LEP	0	0	0	0	197	7	0	0	0	0	208	7												
504 plan	0	0	3	7	49	2	0	0	3	7	47	2												
Other	2	13	11	24	986	34	1	7	10	23	958	33												
Participation through alternate assessment (PAAP)	0	0	2	1	123	1	0	0	2	1	121	1												
Identified disability (PET/IEP)	0	0	2	100	123	100	0	0	2	100	121	100												
LEP	0	0	0	0	4	3	0	0	0	0	4	3												
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	5	0																		
Approved non-participation – special consideration	0	0	0	0	9	0	0	0	0	0	12	0												
Non-participation – other	0	0	0	0	80	1	0	0	0	0	81	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 2008
Grade:	3
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 Grade Level Expectations 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 361–380)	2005-2006	0	0	5	2	352	3
	2006-2007	2	2	5	2	332	2
	2007-2008	**1**	**1**	**4**	**1**	**227**	**2**
	Cum. Total*	3	1	14	2	911	2
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 341–360)	2005-2006	56	66	140	60	8641	62
	2006-2007	64	62	158	61	8691	63
	2007-2008	**61**	**57**	**171**	**62**	**8403**	**62**
	Cum. Total*	181	61	469	61	25735	62
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 331–340)	2005-2006	25	29	65	28	3671	27
	2006-2007	32	31	77	30	3781	27
	2007-2008	**39**	**36**	**85**	**31**	**4018**	**30**
	Cum. Total*	96	33	227	30	11470	28
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 300–330)	2005-2006	4	5	25	11	1163	8
	2006-2007	5	5	17	7	1021	7
	2007-2008	**6**	**6**	**16**	**6**	**938**	**7**
	Cum. Total*	15	5	58	8	3122	8

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	**46**	**100**	26.6	57.8	27.8	60.4	27.6	60.0
Literary Text	**23**	**50**	13.6	59.1	14.2	61.7	14.1	61.3
Informational Text	**23**	**50**	13.0	56.5	13.6	59.1	13.5	58.7

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine's 1997 *Learning Results*, which can be found at http://www.maine.gov/education/lsalt/gles.htm.

*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 2008
Grade: 3
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	107	1	1	61	57	39	36	6	6	343	276	1	62	31	6	345	13586	2	62	30	7	344
Ethnicity																						
African American/Black	2										3						384	1	42	39	18	339
American Indian or Native Alaskan	0										2						113	2	50	42	5	343
Asian or Pacific Islander	0										4						203	1	60	31	8	344
Hispanic	0										0						158	1	52	36	11	342
Caucasian/White	105	1	1	60	57	38	36	6	6	343	267	1	62	31	6	345	12728	2	63	29	7	345
Not Reported	0										0						0					
Identified disability																						
Yes	16	0	0	6	38	8	50	2	13	339	36	0	31	44	25	337	2210	0	32	48	20	338
No	91	1	1	55	60	31	34	4	4	344	240	2	67	29	3	346	11376	2	68	26	4	346
Current LEP																						
Yes	0										0						348	1	36	45	19	339
No	107	1	1	61	57	39	36	6	6	343	276	1	62	31	6	345	13238	2	63	29	7	344
Economically disadvantaged																						
Yes	32	0	0	17	53	14	44	1	3	343	79	0	49	46	5	343	5450	1	49	39	11	341
No	75	1	1	44	59	25	33	5	7	343	197	2	67	25	6	345	8136	2	71	23	4	346
Migrant																						
Yes	0										0						5	0	80	20	0	343
No	107	1	1	61	57	39	36	6	6	343	276	1	62	31	6	345	13581	2	62	30	7	344
Gender																						
Female	55	1	2	33	60	18	33	3	5	344	146	3	68	26	3	346	6567	3	65	27	5	345
Male	52	0	0	28	54	21	40	3	6	343	130	0	55	36	9	343	7019	1	59	32	8	343
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	0	0	4	17	15	65	4	17	338	34	0	21	68	12	339	2004	0	37	49	14	339
No	84	1	1	57	68	24	29	2	2	345	242	2	68	26	5	345	11582	2	66	26	6	345
Gifted/talented program																						
Yes	0										0						125	11	87	2	0	355
No	107	1	1	61	57	39	36	6	6	343	276	1	62	31	6	345	13461	2	62	30	7	344

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 2008
Grade: 3
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	7	0	0	3	43	2	29	2	29	340	7	0	55	30	15	343	6	0	43	39	18	340
B. less than one hour	83	1	1	54	61	31	35	3	3	344	82	2	65	30	4	345	79	2	65	28	5	345
C. one to two hours	8	0	0	4	44	4	44	1	11	341	8	0	52	39	9	342	12	2	60	31	7	344
D. more than two hours	2	0	0	0	0	2	100	0	0	337	3	0	29	43	29	337	3	0	32	44	24	338
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.	29	1	3	19	61	10	32	1	3	345	25	4	62	32	1	346	29	3	62	28	7	345
B. They match some of what I have learned.	55	0	0	34	59	21	36	3	5	343	54	1	65	30	5	345	48	2	67	27	4	345
C. They match just a little of what I have learned.	11	0	0	6	50	4	33	2	17	341	14	0	63	24	13	343	15	1	56	34	9	343
D. There is no match.	5	0	0	2	40	3	60	0	0	341	7	0	47	42	11	341	8	0	44	40	16	340
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	44	1	2	35	74	11	23	0	0	347	41	4	68	24	5	346	42	3	67	24	6	346
B. good	47	0	0	23	46	23	46	4	8	341	50	0	60	35	5	344	46	1	62	32	5	344
C. fair	6	0	0	3	50	1	17	2	33	339	6	0	53	35	12	342	10	0	48	42	10	341
D. poor	3	0	0	0	0	3	100	0	0	335	3	0	29	57	14	337	2	0	30	43	28	336
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	19	0	0	9	45	11	55	0	0	341	23	2	54	38	6	343	22	1	48	38	12	341
B. about the same as my regular schoolwork	69	1	1	43	60	24	33	4	6	344	62	1	64	32	3	346	57	2	68	26	4	346
C. easier than my regular schoolwork	12	0	0	9	75	2	17	1	8	345	14	3	72	13	13	344	21	1	61	30	8	344
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	18	0	0	5	26	12	63	2	11	338	21	0	38	50	13	340	20	0	38	47	16	339
B. Most of the passages were about the same as what I normally read.	63	0	0	44	68	19	29	2	3	344	58	0	71	27	3	345	51	2	68	27	4	345
C. Most of the passages were easier than what I normally read.	19	1	5	11	55	7	35	1	5	345	21	7	66	21	5	348	29	3	69	23	6	346
How much time do you spend reading at home each day?																						
A. more than one hour	16	0	0	13	76	3	18	1	6	346	19	4	69	22	6	346	19	3	65	27	6	346
B. 20 minutes to an hour	32	1	3	25	74	7	21	1	3	347	38	2	75	21	2	347	47	2	68	25	5	346
C. less than 20 minutes	39	0	0	19	46	20	49	2	5	341	28	0	54	41	5	342	19	1	56	35	8	343
D. I rarely read at home.	13	0	0	4	29	8	57	2	14	339	15	0	37	49	15	340	14	0	47	40	12	341
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	30	0	0	16	52	11	35	4	13	341	27	0	60	30	10	343	28	1	56	33	9	343
B. six to ten pages	18	0	0	11	58	8	42	0	0	343	21	0	61	39	0	344	23	1	63	29	7	344
C. eleven or more pages	52	1	2	33	60	19	35	2	4	344	51	3	62	29	6	345	49	2	65	27	6	345
Optional school/SAU question																						
A.	33	0	0	1	100	0	0	0	0	344	70	0	29	71	0	339						
B.	67	0	0	1	50	1	50	0	0	345	20	0	50	50	0	345						
C.	0										10	0	0	100	0	340						
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 2008
Grade:	3
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 Grade Level Expectations 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 361–380)	2005-2006	5	6	14	6	1295	9
	2006-2007	23	22	45	17	1985	14
	2007-2008	**20**	**19**	**50**	**18**	**2277**	**17**
	Cum. Total*	48	16	109	14	5557	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 341–360)	2005-2006	45	53	119	51	6852	49
	2006-2007	45	44	128	50	6990	51
	2007-2008	**61**	**57**	**144**	**52**	**6764**	**50**
	Cum. Total*	151	51	391	51	20606	50
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 325–340)	2005-2006	27	32	70	30	4081	29
	2006-2007	27	26	67	26	3673	27
	2007-2008	**19**	**18**	**63**	**23**	**3504**	**26**
	Cum. Total*	73	25	200	26	11258	27
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 300–324)	2005-2006	8	9	32	14	1638	12
	2006-2007	8	8	18	7	1193	9
	2007-2008	**7**	**7**	**19**	**7**	**1044**	**8**
	Cum. Total*	23	8	69	9	3875	9

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	**15**	**31**	9.9	66.0	9.5	63.3	9.2	61.3
Cluster 2: Shape and Size	**14**	**29**	10.4	74.3	10.2	72.9	10.0	71.4
Cluster 3: Mathematical Decision Making	**5**	**10**	3.4	68.0	3.2	64.0	3.2	64.0
Cluster 4: Patterns	**14**	**29**	9.3	66.4	9.3	66.4	9.0	64.3

Cluster 1: Numbers and Operations
- A. Numbers and Number Sense
- B. Computation
- I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size
- E. Geometry
- F. Measurement

Cluster 3: Mathematical Decision Making
- C. Data Analysis and Statistics
- D. Probability

Cluster 4: Patterns
- G. Patterns, Relations, and Functions
- H. Algebra Concepts
- K. Mathematical Communication

Each content standard in the clusters above is defined in Maine's 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at http://www.maine.gov/education/lsalt/gles.htm.

*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 2008
Grade: 3
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	107	20	19	61	57	19	18	7	7	350	276	18	52	23	7	349	13589	17	50	26	8	347
Ethnicity																						
African American/Black	2										3						390	10	30	32	28	337
American Indian or Native Alaskan	0										2						113	7	45	38	10	342
Asian or Pacific Islander	0										4						204	18	48	25	9	347
Hispanic	0										0						159	6	50	31	13	342
Caucasian/White	105	19	18	60	57	19	18	7	7	350	267	18	52	23	7	349	12723	17	50	25	7	348
Not Reported	0										0						0					
Identified disability																						
Yes	16	1	6	8	50	5	31	2	13	343	36	8	36	33	22	338	2208	6	35	37	21	338
No	91	19	21	53	58	14	15	5	5	351	240	20	55	21	5	350	11381	19	53	24	5	349
Current LEP																						
Yes	0										0						357	8	29	37	26	336
No	107	20	19	61	57	19	18	7	7	350	276	18	52	23	7	349	13232	17	50	25	7	348
Economically disadvantaged																						
Yes	32	4	13	17	53	6	19	5	16	345	79	11	52	27	10	345	5452	9	45	33	12	343
No	75	16	21	44	59	13	17	2	3	352	197	21	52	21	6	350	8137	22	53	21	4	350
Migrant																						
Yes	0										0						5	0	40	40	20	337
No	107	20	19	61	57	19	18	7	7	350	276	18	52	23	7	349	13584	17	50	26	8	347
Gender																						
Female	55	9	16	30	55	12	22	4	7	349	146	16	51	27	5	349	6565	15	49	27	8	347
Male	52	11	21	31	60	7	13	3	6	351	130	20	54	18	8	349	7024	18	50	24	7	348
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	2	9	10	43	9	39	2	9	343	34	9	47	38	6	343	2004	5	39	41	15	339
No	84	18	21	51	61	10	12	5	6	352	242	19	53	21	7	349	11585	19	52	23	6	349
Gifted/talented program																						
Yes	0										0						125	70	30	0	0	366
No	107	20	19	61	57	19	18	7	7	350	276	18	52	23	7	349	13464	16	50	26	8	347

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 2008
Grade: 3
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	7	1	14	4	57	1	14	1	14	347	7	20	30	30	20	344	6	9	40	33	18	340
B. less than one hour	83	18	20	50	56	15	17	6	7	350	82	19	55	21	5	350	79	18	52	24	6	348
C. one to two hours	8	1	11	6	67	2	22	0	0	351	8	9	57	26	9	347	12	16	48	27	8	347
D. more than two hours	2	0	0	1	50	1	50	0	0	338	3	0	29	71	0	338	3	7	26	37	29	335
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.	34	5	14	23	64	7	19	1	3	351	36	20	55	21	4	351	37	22	50	22	6	350
B. They match some of what I have learned.	49	13	25	27	53	8	16	3	6	352	47	18	55	21	6	349	46	16	53	25	6	348
C. They match just a little of what I have learned.	8	0	0	3	38	4	50	1	13	339	10	8	42	46	4	343	12	9	44	36	11	342
D. There is no match.	10	2	20	6	60	0	0	2	20	346	8	19	38	19	24	341	5	5	32	36	27	336
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	40	10	25	21	53	7	18	2	5	351	37	26	52	18	5	351	39	25	48	20	7	350
B. good	50	10	20	28	56	9	18	3	6	351	49	15	53	26	7	348	46	14	52	27	7	347
C. fair	10	0	0	8	80	0	0	2	20	345	12	10	61	16	13	345	12	8	49	35	9	343
D. poor	1	0	0	1	100	0	0	0	0	348	2	0	50	50	0	341	3	2	34	36	29	335
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	19	2	10	10	50	5	25	3	15	343	21	7	45	36	13	342	17	7	41	35	17	340
B. about the same as my regular schoolwork	64	16	24	40	59	10	15	2	3	353	58	20	56	20	5	350	59	18	53	24	5	349
C. easier than my regular schoolwork	18	2	11	11	58	4	21	2	11	346	21	22	52	21	5	350	25	21	49	23	8	349
How often do you use hands-on materials in mathematics class?																						
A. almost every day	25	2	7	18	67	5	19	2	7	347	35	11	52	33	5	345	32	13	47	30	10	345
B. two or three days a week	34	7	19	21	58	5	14	3	8	352	28	24	57	12	7	353	30	20	52	23	5	349
C. two or three times each month	22	9	38	10	42	4	17	1	4	354	18	29	47	16	8	352	19	20	53	21	6	350
D. never or almost never	19	2	10	12	60	5	25	1	5	346	19	12	56	25	8	346	18	16	50	27	8	347
How often do you use calculators in mathematics class?																						
A. almost every day	7	0	0	4	57	2	29	1	14	344	9	4	46	33	17	341	7	5	34	40	20	338
B. two or three days a week	24	7	27	13	50	4	15	2	8	352	31	22	46	25	7	349	18	15	50	27	8	346
C. two or three times each month	39	8	19	27	64	5	12	2	5	352	31	19	62	15	4	352	28	21	53	21	4	350
D. never or almost never	30	5	16	17	53	8	25	2	6	347	29	16	51	26	6	347	47	17	50	25	7	347
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	11	2	17	4	33	4	33	2	17	345	16	11	30	39	20	340	16	8	42	36	13	342
B. 30–45 minutes	29	4	13	18	60	6	20	2	7	347	32	15	57	25	3	349	30	14	53	26	7	347
C. 45–60 minutes	30	3	10	22	71	6	19	0	0	350	25	16	63	19	1	350	32	22	51	22	5	350
D. more than 60 minutes	30	11	34	16	50	2	6	3	9	355	27	27	52	14	7	352	22	20	49	23	7	349
Optional school/SAU question																						
A.	33	0	0	1	100	0	0	0	0	344	70	14	29	43	14	339						
B.	67	1	50	0	0	1	50	0	0	351	20	50	0	50	0	351						
C.	0										10	0	0	100	0	340						
D.	0										0											

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