



July 2006

DEPARTMENT OF EDUCATION

2005–2006 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. The MEA has been based on the *Learning Results* and administered to students in grades 4 and 8 to meet state assessment requirements since 1998. For the first time this year, it was administered to students in all grades 3 through 8 and aligned to Grade Level Expectations to meet the requirements of the federal No Child Left Behind Act.

Due to those changes, it was necessary to set new standards this year. These new achievement standards will be used to establish a baseline to which future scores for both groups of students and individuals can be compared. The standards are the result of a comprehensive process approved by advisory committees and informed by Maine teachers. They will stay in place until the current Maine *Learning Results* are revised according to statute, and future assessments are aligned to the revised *Learning Results*. At such time, the standard-setting process will be conducted again.

The 2005–2006 MEA Summary Reports contain the baseline status results of student performance in reading, mathematics, and science and technology reported according to the new standards 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. Student 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 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



School Report Grade 3

ID: 12351631
School: Brownville Elementary School
District: MSAD 41
Date: March 2006

Contents of the Report

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

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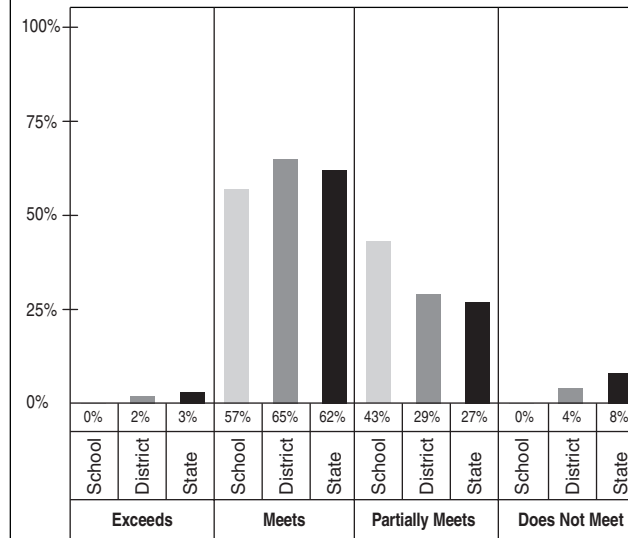
SUMMARY OF SCORES

School: Brownville Elementary School
 District: MSAD 41
 Grade: 3
 Date: March 2006

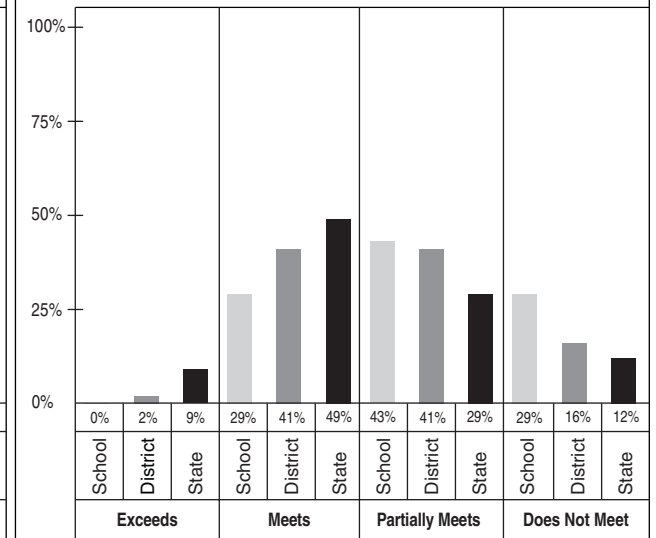
Summary of District, School and State Scores

Year	Average Scaled Score		
	School	District	State
ELA-READING 2005–2006	342	344	345
MATHEMATICS 2005–2006	334	340	344

ELA-READING



MATHEMATICS





SUMMARY OF STUDENT PARTICIPATION

School: Brownville Elementary School
 District: MSAD 41
 Grade: 3
 Date: March 2006

CONTENT AREA PARTICIPATION²

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window					
	School		District		State	
	n	%	n	%	n	%
Total number of students	14	100	51	100	14094	100
Ethnicity						
African American/Black	0	0	0	0	370	3
American Indian/Native Alaskan	0	0	0	0	113	1
Asian/Pacific Islander	0	0	0	0	201	1
Caucasian/White	14	100	51	100	13229	94
Hispanic	0	0	0	0	169	1
Not Reported	0	0	0	0	12	0
Identified disability	5	36	8	16	2381	17
Current LEP	0	0	0	0	319	2
Economically disadvantaged	10	71	37	73	5366	38
Migrant	0	0	0	0	19	0

ELA-Reading			Mathematics														
School		District		State		School		District		State		School		District		State	
n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
14	100	51	100	13930	99	14	100	51	100	13944	99						
0		0		356	96	0		0		366	99						
0		0		110	97	0		0		110	97						
0		0		196	98	0		0		198	99						
14	100	51	100	13090	99	14	100	51	100	13091	99						
0		0		166	98	0		0		167	99						
0		0		12	100	0		0		12	100						
5	100	8	100	2306	97	5	100	8	100	2308	97						
0		0		300	94	0		0		315	99						
10	100	37	100	5285	98	10	100	37	100	5296	99						
0		0		19	100	0		0		19	100						

MODE OF PARTICIPATION³

MODE OF PARTICIPATION ³	Enrollment ¹ during testing window					
	School		District		State	
	n	%	n	%	n	%
Students who took the assessment without accommodations	10	71	41	80	11176	80
Identified disability (PET/IEP)	2	20	3	7	613	5
LEP	0	0	0	0	156	1
504 plan	0	0	0	0	99	1
Students who took the assessment with accommodations	4	29	10	20	2651	19
Identified disability (PET/IEP)	3	75	5	50	1606	61
LEP	0	0	0	0	134	5
504 plan	0	0	0	0	32	1
Other	1	25	5	50	906	34
Students who would have participated through a PAAP if one had been available	0	0	0	0	103	1
Identified disability (PET/IEP)	0		0		87	84
LEP	0		0		10	10
504 plan	0		0		0	0

ELA-Reading			Mathematics														
School		District		State		School		District		State		School		District		State	
n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
10	71	41	80	11176	80	14	100	45	88	11195	80						
2	20	3	7	613	5	5	36	6	13	631	6						
0	0	0	0	156	1	0	0	0	0	151	1						
0	0	0	0	99	1	0	0	0	0	103	1						
4	29	10	20	2651	19	0	0	6	12	2671	19						
3	75	5	50	1606	61	0		2	33	1610	60						
0	0	0	0	134	5	0		0	0	157	6						
0	0	0	0	32	1	0		0	0	28	1						
1	25	5	50	906	34	0		4	67	901	34						
0	0	0	0	103	1	0	0	0	0	78	1						
0		0		87	84	0		0		67	86						
0		0		10	10	0		0		7	9						
0		0		0	0	0		0		0	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 who participated with each mode of participation.



ELA-READING RESULTS

School: Brownville Elementary School
 District: MSAD 41
 Grade: 3
 Date: March 2006

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		District		State	
		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	1	2	3
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	8	57	33	65	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	6	43	15	29	27
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	0	0	2	4	8

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		District		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	46	100	25.0	54.3	26.7	58.0	27.6	60.0
Literary Text	41	89	22.3	54.4	24.0	58.5	24.6	60.0
Informational Text	5	11	2.7	54.0	2.7	54.0	3.1	62.0

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 authentic texts, selected from developmentally appropriate published works. Grade Level Expectations, based on Maine's *Learning Results*, are the basis for the MEA at grades 3, 5, 6, and 7 and can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

Note: Caution should be exercised when interpreting scores that are based on less than 10 points.



MATHEMATICS RESULTS

School: Brownville Elementary School
 District: MSAD 41
 Grade: 3
 Date: March 2006

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		District		State	
		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	0	0	1	2	9
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	4	29	21	41	49
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	6	43	21	41	29
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	4	29	8	16	12

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
	N	%	School		District		State	
			N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	6.1	40.7	7.4	49.3	8.4	56.0
Cluster 2: Shape and Size	14	29	9.5	67.9	9.8	70.0	10.4	74.3
Cluster 3: Mathematical Decision Making	6	13	2.9	48.3	3.6	60.0	3.9	65.0
Cluster 4: Patterns	13	27	6.2	47.7	7.6	58.5	8.0	61.5

Cluster 1: Numbers and Operations
 A. Numbers and Number Sense
 B. Computation
 I. Discrete Mathematics

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

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

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 *Learning Results*. Grade Level Expectations, based on Maine's *Learning Results*, are the basis for the MEA at grades 3, 5, 6, and 7 and can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



MATHEMATICS RESULTS

(CONTINUED)

School: **Brownville Elementary School**
 District: **MSAD 41**
 Grade: **3**
 Date: **March 2006**

Reporting Categories	School					State					Questionnaire Items	Sch.		State		
	% Students in Each Category	Scaled Score	% Exceeds or Meets the Standards	% Partially Meets the Standards	% Does Not Meet the Standards	% Students in Each Category	Scaled Score	% Exceeds or Meets the Standards	% Partially Meets the Standards	% Does Not Meet the Standards		% Students in Each Category	% Students in Each Category	Scaled Score	% Exceeds or Meets the Standards	% Does Not Meet the Standards
Gender																
Female	43	327	0	50	50	48	343	57	30	13	Do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?					
Male	57	339	50	38	13	52	345	61	29	11		A. Yes, the questions on the test match what I have learned in mathematics class.	29	40	346	66
Ethnicity											B. Yes, they match some of what I have learned.	43	40	345	60	9
African American/Black						3	336	40	35	25		C. Yes, they match just a little of what I have learned.	14	14	340	46
American Indian/Native Alaskan						1	339	46	33	21	D. No, there is no match.		14	6	336	37
Asian/Pacific Islander						1	346	64	25	11		Which of the following best describes how you rate yourself as a student in mathematics?				
Caucasian/White	100	334	29	43	29	94	344	59	29	11	A. very good	43	40	347	66	10
Hispanic						1	339	45	35	20	B. good	43	45	344	59	10
Not Reported						0	343	58	25	17	C. fair	7	12	339	42	17
Economically disadvantaged											D. poor	7	2	333	25	30
Yes	71	331	20	50	30	38	340	47	36	17	How hard was the mathematics part of this test?					
No						62	346	66	26	9	A. harder than my regular schoolwork	21	16	337	37	23
Title 1A targeted program											B. about the same as my regular schoolwork	50	56	346	63	8
Yes	43	332	33	33	33	12	336	34	43	23	C. easier than my regular schoolwork	29	28	346	63	11
No	57	336	25	50	25	88	345	62	28	10	How often do you use hands-on materials in mathematics class?					
Migrant											A. almost every day	36	31	341	50	16
Yes						0	337	33	39	28	B. two or three days a week	21	33	346	65	9
No	100	334	29	43	29	100	344	59	29	12	C. two or three times each month	7	27	346	65	9
Gifted/talented program											D. never	36	9	341	50	19
Yes						2	361	98	1	0	How often do you use calculators in mathematics class?					
No	100	334	29	43	29	98	344	58	30	12	A. almost every day	14	7	334	28	29
Identified disability											B. two or three days a week	14	18	342	52	13
Yes	36	333	20	60	20	16	336	35	37	28	C. two or three times each month	50	50	347	67	7
No	64	334	33	33	33	84	346	63	28	9	D. never	21	25	343	56	14
Limited English proficient students											On average, how many minutes a day do you spend working on mathematics in class?					
Current LEP in first 10 months						0	317	20	10	70	A. less than 30 minutes	21	16	339	44	19
Current LEP beyond first 10 months						2	334	35	34	32	B. 30-45 minutes	36	32	345	61	10
How much homework do you do on school nights?											C. 45-60 minutes	14	32	346	64	9
A. None						5	338	43	33	25	D. more than 60 minutes	29	21	344	60	12
B. Less than one hour	79	335	36	36	27	79	345	61	29	10						
C. One to two hours						13	344	60	28	12						
D. More than two hours						3	332	27	35	39						
Optional school/district question																
A.																
B.																
C.																
D.																