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 5

Test Date:	March 2009
Code:	12561758
SAU:	MSAD 62
School:	Pownal 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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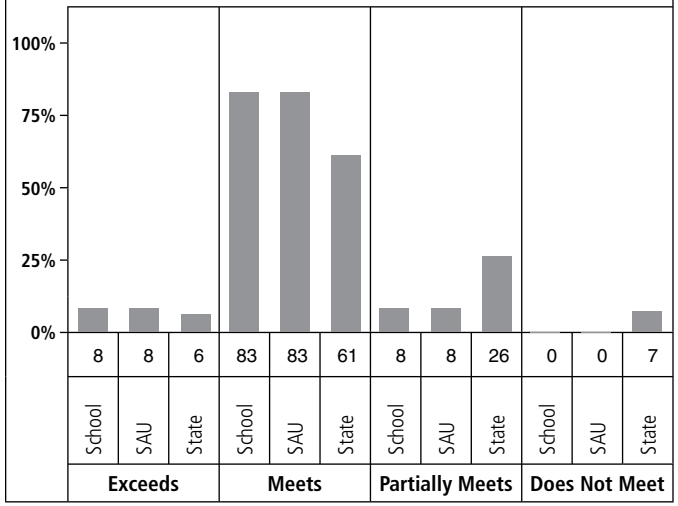
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: MSAD 62
School: Pownal Elementary School

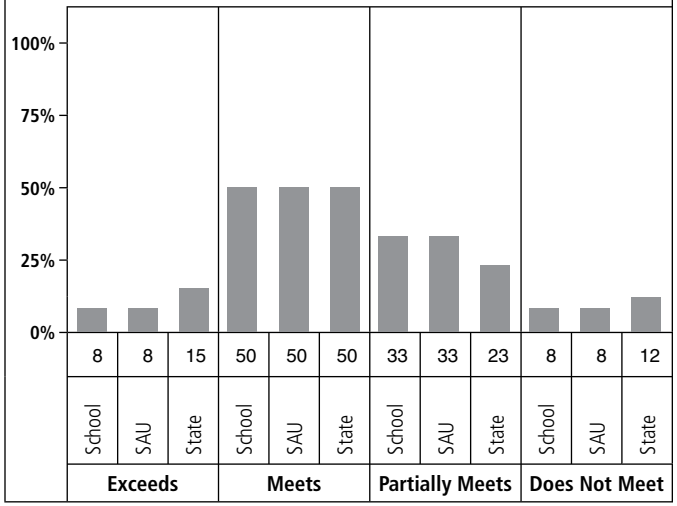
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	544	544	544
2007–2008	547	547	545
2008–2009	**548**	**548**	**546**
Cum. Avg.*	546	546	545
Mathematics			
2006–2007	545	545	546
2007–2008	545	545	546
2008–2009	**544**	**544**	**547**
Cum. Avg.*	545	545	546
Science			
2008-2009 **	**543**	**543**	**543**

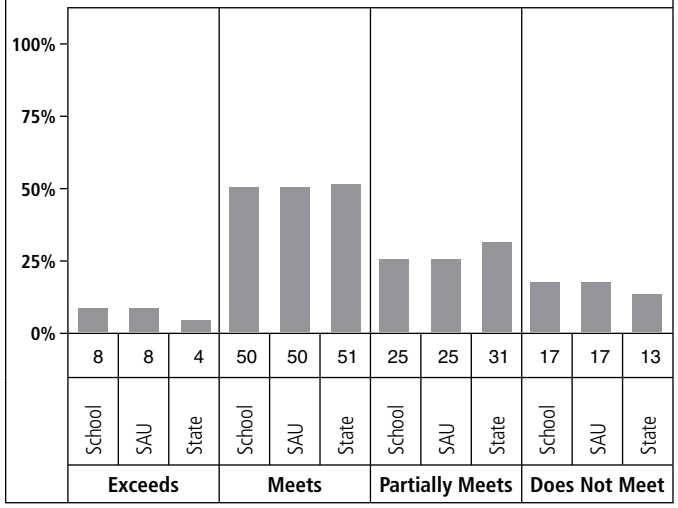
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.
**Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 5
SAU: MSAD 62
School: Pownal Elementary School

CATEGORY OF PARTICIPATION	Enrollment[1] during testing window						CONTENT AREA PARTICIPATION[2]																	
							ELA–Reading						Mathematics						Science					
	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	12	100	12	100	14212	100	12	100	12	100	14135	100	12	100	12	100	14144	100	12	100	12	100	14137	100
Ethnicity African American/Black	0	0	0	0	397	3	0	0	0	0	388	98	0	0	0	0	393	99	0	0	0	0	389	98
American Indian or Native Alaskan	0	0	0	0	110	1	0	0	0	0	110	100	0	0	0	0	110	100	0	0	0	0	110	100
Asian or Pacific Islander	0	0	0	0	259	2	0	0	0	0	253	98	0	0	0	0	258	100	0	0	0	0	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	12	100	12	100	13271	93	12	100	12	100	13212	100	12	100	12	100	13211	100	12	100	12	100	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	2	17	2	17	2479	17	2	100	2	100	2454	100	2	100	2	100	2455	100	2	100	2	100	2451	99
Current LEP	0	0	0	0	374	3	0	0	0	0	359	96	0	0	0	0	370	99	0	0	0	0	366	98
Economically disadvantaged	3	25	3	25	5848	41	3	100	3	100	5815	100	3	100	3	100	5819	100	3	100	3	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION[3]	ELA–Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	9	75	9	75	10849	76	9	75	9	75	10872	76	9	75	9	75	10976	77
Identified disability (PET/IEP)	0	0	0	0	298	3	0	0	0	0	307	3	0	0	0	0	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	1	11	1	11	123	1	1	11	1	11	121	1	1	11	1	11	126	1
Participation with accommodations	3	25	3	25	3122	22	3	25	3	25	3124	22	3	25	3	25	3019	21
Identified disability (PET/IEP)	2	67	2	67	1992	64	2	67	2	67	2000	64	2	67	2	67	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	1	33	1	33	907	29	1	33	1	33	886	28	1	33	1	33	826	27
Participation through alternate assessment (PAAP)	0	0	0	0	164	1	0	0	0	0	148	1	0	0	0	0	142	1
Identified disability (PET/IEP)	0	0	0	0	164	100	0	0	0	0	148	100	0	0	0	0	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	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	19	0	0	0	0	0	19	0	0	0	0	0	20	0
Non-participation – other	0	0	0	0	58	0	0	0	0	0	49	0	0	0	0	0	55	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:	5
SAU:	MSAD 62
School:	Pownal 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 562–580)	2006-2007	0	0	0	0	702	5
	2007-2008	1	6	1	6	659	5
	2008-2009	**1**	**8**	**1**	**8**	**836**	**6**
	Cum. Total*	2	4	2	4	2197	5
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 542–560)	2006-2007	10	59	10	59	7730	55
	2007-2008	8	50	8	50	8195	58
	2008-2009	**10**	**83**	**10**	**83**	**8495**	**61**
	Cum. Total*	28	62	28	62	24420	58
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 532–540)	2006-2007	6	35	6	35	4182	30
	2007-2008	6	38	6	38	3800	27
	2008-2009	**1**	**8**	**1**	**8**	**3667**	**26**
	Cum. Total*	13	29	13	29	11649	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 500–530)	2006-2007	1	6	1	6	1419	10
	2007-2008	1	6	1	6	1362	10
	2008-2009	**0**	**0**	**0**	**0**	**973**	**7**
	Cum. Total*	2	4	2	4	3754	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	**48**	**100**	32.8	68.3	32.8	68.3	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	**24**	**50**	16.4	68.3	16.4	68.3	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	**24**	**50**	16.3	67.9	16.3	67.9	15.8	65.8

The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. 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: 5
SAU: MSAD 62
School: Pownal 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	10	83	1	8	0	0	548	12	8	83	8	0	548	13971	6	61	26	7	546
Ethnicity																						
African American/Black	0										0						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	0										0						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	12	1	8	10	83	1	8	0	0	548	12	8	83	8	0	548	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	2										2						2290	0	29	47	23	537
No	10	1	10	9	90	0	0	0	0	549	10	10	90	0	0	549	11681	7	67	22	4	548
Current LEP																						
Yes	0										0						354	1	35	34	30	538
No	12	1	8	10	83	1	8	0	0	548	12	8	83	8	0	548	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	3										3						5716	2	51	35	12	542
No	9	1	11	8	89	0	0	0	0	550	9	11	89	0	0	550	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	12	1	8	10	83	1	8	0	0	548	12	8	83	8	0	548	13963	6	61	26	7	546
Gender																						
Female	4										4						6882	8	62	24	6	547
Male	8	1	13	7	88	0	0	0	0	548	8	13	88	0	0	548	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	3										3						1914	1	41	44	14	540
No	9	1	11	7	78	1	11	0	0	550	9	11	78	11	0	550	12057	7	64	23	6	547
Gifted/talented program																						
Yes	0										0						450	26	72	2	0	557
No	12	1	8	10	83	1	8	0	0	548	12	8	83	8	0	548	13521	5	60	27	7	545

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: 5
SAU: MSAD 62
School: Pownal 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	0										0						4	2	40	34	24	540
B. less than one hour	83	1	10	9	90	0	0	0	0	549	83	10	90	0	0	549	70	6	63	26	6	546
C. one to two hours	17	0	0	1	50	1	50	0	0	546	17	0	50	50	0	546	24	7	61	26	6	546
D. more than two hours	0										0						2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	33	1	25	3	75	0	0	0	0	550	33	25	75	0	0	550	36	10	67	18	5	549
B. good	58	0	0	7	100	0	0	0	0	549	58	0	100	0	0	549	47	5	62	27	6	546
C. fair	8	0	0	0	0	1	100	0	0	538	8	0	0	100	0	538	15	2	47	40	12	541
D. poor	0										0						2	0	30	46	24	537
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	1	50	1	50	0	0	0	0	553	17	50	50	0	0	553	31	9	65	20	5	548
B. They match some of what I have learned.	75	0	0	8	89	1	11	0	0	547	75	0	89	11	0	547	55	5	63	27	5	546
C. They match just a little of what I have learned.	8	0	0	1	100	0	0	0	0	548	8	0	100	0	0	548	10	3	45	38	14	542
D. There is no match.	0										0						3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	8	0	0	0	0	1	100	0	0	538	8	0	0	100	0	538	16	3	49	32	15	542
B. about the same as my regular schoolwork	58	0	0	7	100	0	0	0	0	547	58	0	100	0	0	547	64	7	63	25	5	547
C. easier than my regular schoolwork	33	1	25	3	75	0	0	0	0	552	33	25	75	0	0	552	20	5	62	26	7	546
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	0										0						10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	75	0	0	8	89	1	11	0	0	547	75	0	89	11	0	547	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	25	1	33	2	67	0	0	0	0	551	25	33	67	0	0	551	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	8	0	0	1	100	0	0	0	0	548	8	0	100	0	0	548	20	10	64	21	5	548
B. 20 minutes to an hour	75	1	11	8	89	0	0	0	0	550	75	11	89	0	0	550	56	7	65	24	5	547
C. less than 20 minutes	8	0	0	0	0	1	100	0	0	538	8	0	0	100	0	538	10	3	52	33	12	543
D. I rarely read at home.	8	0	0	1	100	0	0	0	0	544	8	0	100	0	0	544	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	50	1	20	4	80	0	0	0	0	552	50	20	80	0	0	552	25	3	53	33	11	543
B. six to ten pages	20	0	0	2	100	0	0	0	0	549	20	0	100	0	0	549	26	6	61	26	7	546
C. eleven or more pages	30	0	0	3	100	0	0	0	0	547	30	0	100	0	0	547	49	8	65	23	5	547
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
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:	5
SAU:	MSAD 62
School:	Pownal 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 562–580)	2006-2007	2	12	2	12	1711	12
	2007-2008	0	0	0	0	1617	12
	2008-2009	**1**	**8**	**1**	**8**	**2119**	**15**
	Cum. Total*	3	7	3	7	5447	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 542–560)	2006-2007	6	35	6	35	6778	48
	2007-2008	9	56	9	56	7284	52
	2008-2009	**6**	**50**	**6**	**50**	**7046**	**50**
	Cum. Total*	21	47	21	47	21108	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 530–540)	2006-2007	7	41	7	41	3884	28
	2007-2008	7	44	7	44	3341	24
	2008-2009	**4**	**33**	**4**	**33**	**3193**	**23**
	Cum. Total*	18	40	18	40	10418	25
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 500–528)	2006-2007	2	12	2	12	1683	12
	2007-2008	0	0	0	0	1778	13
	2008-2009	**1**	**8**	**1**	**8**	**1638**	**12**
	Cum. Total*	3	7	3	7	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	**48**	**100**	23.8	49.6	23.8	49.6	25.5	53.1
A. Number	**18**	**38**	9.3	51.7	9.3	51.7	9.8	54.4
B. Data	**10**	**21**	5.1	51.0	5.1	51.0	5.2	52.0
C. Geometry	**10**	**21**	4.1	41.0	4.1	41.0	4.7	47.0
D. Algebra	**10**	**21**	5.3	53.0	5.3	53.0	5.7	57.0

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: 5
SAU: MSAD 62
School: Pownal 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	6	50	4	33	1	8	544	12	8	50	33	8	544	13996	15	50	23	12	547
Ethnicity																						
African American/Black	0										0						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	0										0						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	12	1	8	6	50	4	33	1	8	544	12	8	50	33	8	544	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	2										2						2307	3	32	32	33	536
No	10	1	10	5	50	4	40	0	0	546	10	10	50	40	0	546	11689	17	54	21	8	549
Current LEP																						
Yes	0										0						365	5	33	30	32	536
No	12	1	8	6	50	4	33	1	8	544	12	8	50	33	8	544	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	3										3						5731	7	46	29	18	542
No	9	1	11	6	67	2	22	0	0	549	9	11	67	22	0	549	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	12	1	8	6	50	4	33	1	8	544	12	8	50	33	8	544	13988	15	50	23	12	547
Gender																						
Female	4										4						6889	14	51	23	12	546
Male	8	1	13	3	38	4	50	0	0	546	8	13	38	50	0	546	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	3										3						1918	3	39	36	22	539
No	9	1	11	5	56	2	22	1	11	546	9	11	56	22	11	546	12078	17	52	21	10	548
Gifted/talented program																						
Yes	0										0						450	64	34	2	0	564
No	12	1	8	6	50	4	33	1	8	544	12	8	50	33	8	544	13546	14	51	23	12	546

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: 5
SAU: MSAD 62
School: Pownal 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	0										0						4	8	38	26	28	539
B. less than one hour	83	1	10	5	50	4	40	0	0	547	83	10	50	40	0	547	70	15	52	23	10	547
C. one to two hours	17	0	0	1	50	0	0	1	50	531	17	0	50	0	50	531	24	15	51	23	11	547
D. more than two hours	0										0						2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	8	1	100	0	0	0	0	0	0	564	8	100	0	0	0	564	34	28	50	14	8	552
B. good	33	0	0	4	100	0	0	0	0	552	33	0	100	0	0	552	45	11	54	24	10	546
C. fair	42	0	0	2	40	2	40	1	20	538	42	0	40	40	20	538	18	3	45	33	19	540
D. poor	17	0	0	0	0	2	100	0	0	534	17	0	0	100	0	534	3	1	29	41	29	535
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.	8	0	0	0	0	0	0	1	100	518	8	0	0	0	100	518	38	22	52	19	7	550
B. They match some of what I have learned.	50	0	0	4	67	2	33	0	0	548	50	0	67	33	0	548	48	12	53	24	11	546
C. They match just a little of what I have learned.	33	1	25	2	50	1	25	0	0	548	33	25	50	25	0	548	11	6	40	30	24	540
D. There is no match.	8	0	0	0	0	1	100	0	0	534	8	0	0	100	0	534	3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	42	0	0	2	40	2	40	1	20	538	42	0	40	40	20	538	17	7	42	30	21	540
B. about the same as my regular schoolwork	50	0	0	4	67	2	33	0	0	546	50	0	67	33	0	546	64	15	53	23	10	547
C. easier than my regular schoolwork	8	1	100	0	0	0	0	0	0	564	8	100	0	0	0	564	19	24	49	17	10	550
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	0										0						7	6	39	27	27	539
B. 30–45 minutes	50	1	17	3	50	2	33	0	0	548	50	17	50	33	0	548	28	9	49	28	15	544
C. 45–60 minutes	42	0	0	3	60	1	20	1	20	542	42	0	60	20	20	542	41	17	53	21	9	548
D. more than 60 minutes	8	0	0	0	0	1	100	0	0	534	8	0	0	100	0	534	24	21	51	20	8	549
How often do you use calculators in mathematics class?																						
A. almost every day	0										0						6	14	43	24	20	543
B. two or three days a week	17	0	0	0	0	1	50	1	50	526	17	0	0	50	50	526	24	17	52	21	10	548
C. two or three times each month	42	0	0	4	80	1	20	0	0	548	42	0	80	20	0	548	33	17	52	21	9	548
D. never or almost never	42	1	20	2	40	2	40	0	0	548	42	20	40	40	0	548	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	0										0						23	13	47	26	15	545
B. two or three days a week	36	0	0	3	75	0	0	1	25	544	36	0	75	0	25	544	31	17	52	21	10	548
C. two or three times each month	27	1	33	1	33	1	33	0	0	549	27	33	33	33	0	549	27	17	52	21	10	548
D. never or almost never	36	0	0	2	50	2	50	0	0	543	36	0	50	50	0	543	20	12	50	24	14	545
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

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

SCIENCE RESULTS

Test Date:	March 2009
Grade:	5
SAU:	MSAD 62
School:	Pownal 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 science.		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 science, 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, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	1	8	1	8	626	4
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	6	50	6	50	7187	51
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	3	25	3	25	4364	31
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	2	17	2	17	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	**48**	**100**	29.4	61.3	29.4	61.3	29.2	60.8
D. The Physical Setting	**24**	**50**	12.5	52.1	12.5	52.1	12.9	53.8
E. The Living Environment	**24**	**50**	16.9	70.4	16.9	70.4	16.3	67.9

The MEA assesses students' science knowledge based on questions that measure the science accountability content standards highlighted 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 D. The Physical Setting
- D1 - Universe and Solar System
- D2 - Earth
- D3 - Matter and Energy
- D4 - Force and Motion

Content Standard E. The Living Environment
- E1 - Biodiversity
- E2 - Ecosystems
- E3 - Cells
- E4 - Heredity and Reproduction
- E5 - Evolution

*Standards were set for the new grade 5 science assessment in May 2009 so no historical data are available.

SCIENCE RESULTS
(CONTINUED)

Test Date: March 2009
Grade: 5
SAU: MSAD 62
School: Pownal 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	6	50	3	25	2	17	543	12	8	50	25	17	543	13995	4	51	31	13	543
Ethnicity																						
African American/Black	0										0						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	0										0						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	12	1	8	6	50	3	25	2	17	543	12	8	50	25	17	543	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	2										2						2309	2	29	39	29	536
No	10	1	10	6	60	2	20	1	10	545	10	10	60	20	10	545	11686	5	56	30	10	545
Current LEP																						
Yes	0										0						361	1	23	32	44	533
No	12	1	8	6	50	3	25	2	17	543	12	8	50	25	17	543	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	3										3						5729	2	42	37	20	539
No	9	1	11	6	67	2	22	0	0	548	9	11	67	22	0	548	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	12	1	8	6	50	3	25	2	17	543	12	8	50	25	17	543	13987	4	51	31	13	543
Gender																						
Female	4										4						6886	4	49	33	14	542
Male	8	1	13	4	50	2	25	1	13	544	8	13	50	25	13	544	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	3										3						1917	1	31	41	28	536
No	9	1	11	4	44	2	22	2	22	544	9	11	44	22	22	544	12078	5	55	30	11	544
Gifted/talented program																						
Yes	0										0						450	25	72	2	1	557
No	12	1	8	6	50	3	25	2	17	543	12	8	50	25	17	543	13545	4	51	32	13	543

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

SCIENCE RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 62
School: Pownal 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	0										0						4	2	37	35	25	538
B. less than one hour	83	1	10	5	50	3	30	1	10	545	83	10	50	30	10	545	70	4	53	31	12	544
C. one to two hours	17	0	0	1	50	0	0	1	50	535	17	0	50	0	50	535	24	5	51	31	12	544
D. more than two hours	0										0						2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	17	1	50	0	0	1	50	0	0	551	17	50	0	50	0	551	26	7	56	26	11	545
B. good	42	0	0	4	80	0	0	1	20	545	42	0	80	0	20	545	53	4	53	31	11	544
C. fair	33	0	0	1	25	2	50	1	25	538	33	0	25	50	25	538	18	2	41	39	17	540
D. poor	8	0	0	1	100	0	0	0	0	542	8	0	100	0	0	542	3	1	33	36	30	536
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	25	0	0	3	100	0	0	0	0	545	25	0	100	0	0	545	23	5	56	28	11	544
B. They match some of what I have learned.	42	1	20	1	20	2	40	1	20	544	42	20	20	40	20	544	48	5	52	31	12	544
C. They match just a little of what I have learned.	8	0	0	1	100	0	0	0	0	554	8	0	100	0	0	554	23	4	49	33	14	543
D. There is no match.	25	0	0	1	33	1	33	1	33	536	25	0	33	33	33	536	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	18	0	0	0	0	1	50	1	50	533	18	0	0	50	50	533	23	5	48	31	16	543
B. about the same as my regular schoolwork	55	0	0	3	50	2	33	1	17	541	55	0	50	33	17	541	58	4	52	32	12	543
C. easier than my regular schoolwork	27	1	33	2	67	0	0	0	0	553	27	33	67	0	0	553	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	25	0	0	3	100	0	0	0	0	547	25	0	100	0	0	547	33	5	51	31	14	543
B. a few times a week	42	1	20	2	40	1	20	1	20	545	42	20	40	20	20	545	45	4	52	32	11	544
C. once a week	8	0	0	0	0	1	100	0	0	536	8	0	0	100	0	536	8	4	50	30	16	542
D. a few times a month	25	0	0	1	33	1	33	1	33	539	25	0	33	33	33	539	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	50	1	17	2	33	2	33	1	17	544	50	17	33	33	17	544	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	0										0						23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	33	0	0	3	75	1	25	0	0	545	33	0	75	25	0	545	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	17	0	0	1	50	0	0	1	50	538	17	0	50	0	50	538	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	17	0	0	1	50	1	50	0	0	545	17	0	50	50	0	545	47	4	51	32	12	543
B. a few times a month	25	1	33	1	33	1	33	0	0	549	25	33	33	33	0	549	27	5	54	30	11	544
C. once a month	25	0	0	2	67	0	0	1	33	541	25	0	67	0	33	541	10	5	49	30	15	543
D. never or almost never	33	0	0	2	50	1	25	1	25	540	33	0	50	25	25	540	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	17	0	0	1	50	1	50	0	0	545	17	0	50	50	0	545	46	4	52	32	12	543
B. a few times a month	33	1	25	2	50	1	25	0	0	550	33	25	50	25	0	550	28	5	53	30	12	544
C. once a month	8	0	0	1	100	0	0	0	0	542	8	0	100	0	0	542	11	4	47	34	15	542
D. never or almost never	42	0	0	2	40	1	20	2	40	538	42	0	40	20	40	538	15	4	50	30	16	542
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

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