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:	12811832
SAU:	Boothbay-Boothbay Hbr CSD
School:	Boothbay Region Elem 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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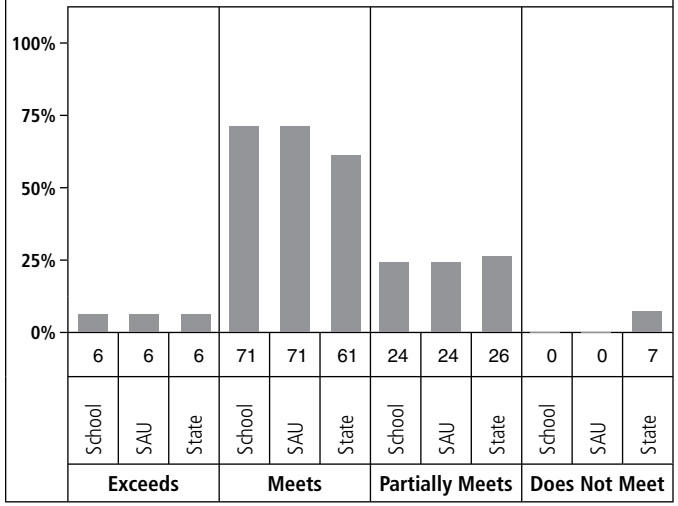
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: Boothbay-Boothbay Hbr CSD
School: Boothbay Region Elem School

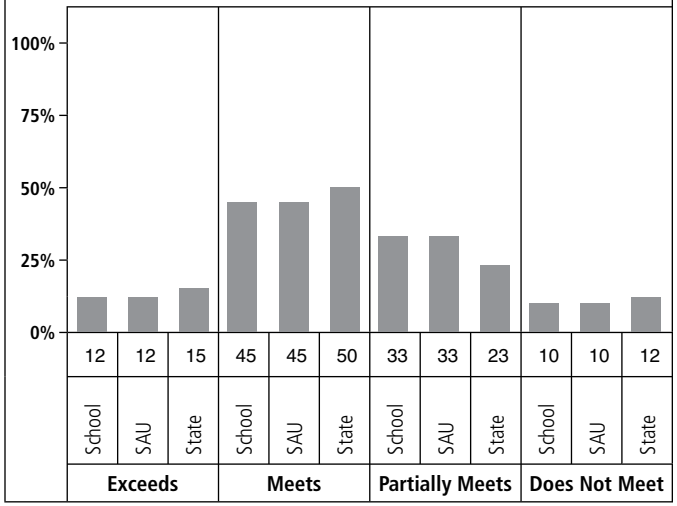
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	547	547	544
2007–2008	549	549	545
2008–2009	**548**	**548**	**546**
Cum. Avg.*	548	548	545
Mathematics			
2006–2007	549	549	546
2007–2008	545	545	546
2008–2009	**546**	**546**	**547**
Cum. Avg.*	547	547	546
Science			
2008-2009 **	**546**	**546**	**543**

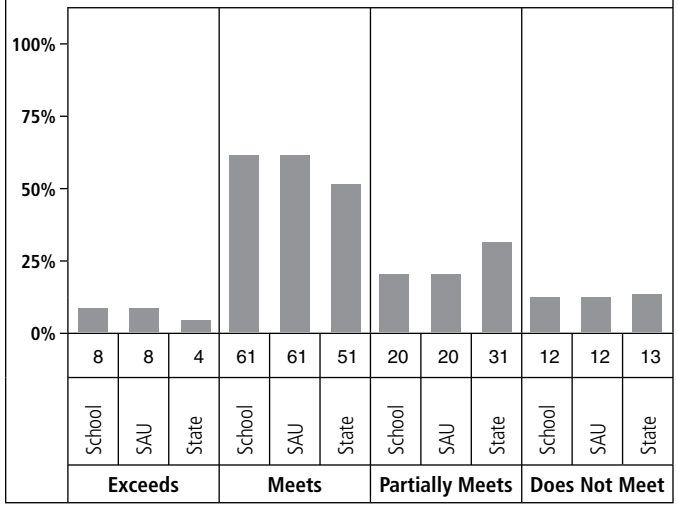
ELA – READING



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: Boothbay-Boothbay Hbr CSD
School: Boothbay Region Elem 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	52	100	52	100	14212	100	52	100	52	100	14135	100	52	100	52	100	14144	100	52	100	52	100	14137	100
Ethnicity African American/Black	1	2	1	2	397	3	1	100	1	100	388	98	1	100	1	100	393	99	1	100	1	100	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	51	98	51	98	13271	93	51	100	51	100	13212	100	51	100	51	100	13211	100	51	100	51	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	14	27	14	27	2479	17	14	100	14	100	2454	100	14	100	14	100	2455	100	14	100	14	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	20	38	20	38	5848	41	20	100	20	100	5815	100	20	100	20	100	5819	100	20	100	20	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	39	75	39	75	10849	76	39	75	39	75	10872	76	39	75	39	75	10976	77
Identified disability (PET/IEP)	3	8	3	8	298	3	3	8	3	8	307	3	3	8	3	8	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
Participation with accommodations	12	23	12	23	3122	22	12	23	12	23	3124	22	12	23	12	23	3019	21
Identified disability (PET/IEP)	10	83	10	83	1992	64	10	83	10	83	2000	64	10	83	10	83	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	2	17	2	17	907	29	2	17	2	17	886	28	2	17	2	17	826	27
Participation through alternate assessment (PAAP)	1	2	1	2	164	1	1	2	1	2	148	1	1	2	1	2	142	1
Identified disability (PET/IEP)	1	100	1	100	164	100	1	100	1	100	148	100	1	100	1	100	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:	Boothbay-Boothbay Hbr CSD
School:	Boothbay Region Elem 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	6	12	6	12	702	5
	2007-2008	6	13	6	13	659	5
	2008-2009	**3**	**6**	**3**	**6**	**836**	**6**
	Cum. Total*	15	10	15	10	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	27	52	27	52	7730	55
	2007-2008	29	63	29	63	8195	58
	2008-2009	**36**	**71**	**36**	**71**	**8495**	**61**
	Cum. Total*	92	62	92	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	18	35	18	35	4182	30
	2007-2008	10	22	10	22	3800	27
	2008-2009	**12**	**24**	**12**	**24**	**3667**	**26**
	Cum. Total*	40	27	40	27	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	2	1	2	1419	10
	2007-2008	1	2	1	2	1362	10
	2008-2009	**0**	**0**	**0**	**0**	**973**	**7**
	Cum. Total*	2	1	2	1	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**	32.6	67.9	32.6	67.9	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	**24**	**50**	15.9	66.3	15.9	66.3	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	**24**	**50**	16.7	69.6	16.7	69.6	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: Boothbay-Boothbay Hbr CSD
School: Boothbay Region Elem 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	51	3	6	36	71	12	24	0	0	548	51	6	71	24	0	548	13971	6	61	26	7	546
Ethnicity																						
African American/Black	1										1						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	50	3	6	36	72	11	22	0	0	549	50	6	72	22	0	549	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	3	23	10	77	0	0	540	13	0	23	77	0	540	2290	0	29	47	23	537
No	38	3	8	33	87	2	5	0	0	551	38	8	87	5	0	551	11681	7	67	22	4	548
Current LEP																						
Yes	0										0						354	1	35	34	30	538
No	51	3	6	36	71	12	24	0	0	548	51	6	71	24	0	548	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	20	1	5	10	50	9	45	0	0	545	20	5	50	45	0	545	5716	2	51	35	12	542
No	31	2	6	26	84	3	10	0	0	550	31	6	84	10	0	550	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	51	3	6	36	71	12	24	0	0	548	51	6	71	24	0	548	13963	6	61	26	7	546
Gender																						
Female	24	2	8	16	67	6	25	0	0	548	24	8	67	25	0	548	6882	8	62	24	6	547
Male	27	1	4	20	74	6	22	0	0	548	27	4	74	22	0	548	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	10	0	0	7	70	3	30	0	0	544	10	0	70	30	0	544	1914	1	41	44	14	540
No	41	3	7	29	71	9	22	0	0	549	41	7	71	22	0	549	12057	7	64	23	6	547
Gifted/talented program																						
Yes	0										0						450	26	72	2	0	557
No	51	3	6	36	71	12	24	0	0	548	51	6	71	24	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: Boothbay-Boothbay Hbr CSD
School: Boothbay Region Elem 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	2	0	0	0	0	1	100	0	0	536	2	0	0	100	0	536	4	2	40	34	24	540
B. less than one hour	58	3	12	16	62	7	27	0	0	549	58	12	62	27	0	549	70	6	63	26	6	546
C. one to two hours	36	0	0	13	81	3	19	0	0	549	36	0	81	19	0	549	24	7	61	26	6	546
D. more than two hours	4	0	0	2	100	0	0	0	0	550	4	0	100	0	0	550	2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	29	3	23	8	62	2	15	0	0	553	29	23	62	15	0	553	36	10	67	18	5	549
B. good	58	0	0	19	73	7	27	0	0	547	58	0	73	27	0	547	47	5	62	27	6	546
C. fair	11	0	0	3	60	2	40	0	0	544	11	0	60	40	0	544	15	2	47	40	12	541
D. poor	2	0	0	1	100	0	0	0	0	558	2	0	100	0	0	558	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.	39	1	6	13	76	3	18	0	0	550	39	6	76	18	0	550	31	9	65	20	5	548
B. They match some of what I have learned.	50	2	9	14	64	6	27	0	0	548	50	9	64	27	0	548	55	5	63	27	5	546
C. They match just a little of what I have learned.	9	0	0	3	75	1	25	0	0	546	9	0	75	25	0	546	10	3	45	38	14	542
D. There is no match.	2	0	0	1	100	0	0	0	0	548	2	0	100	0	0	548	3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	24	1	9	6	55	4	36	0	0	547	24	9	55	36	0	547	16	3	49	32	15	542
B. about the same as my regular schoolwork	62	2	7	19	68	7	25	0	0	548	62	7	68	25	0	548	64	7	63	25	5	547
C. easier than my regular schoolwork	13	0	0	6	100	0	0	0	0	554	13	0	100	0	0	554	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.	9	0	0	3	75	1	25	0	0	545	9	0	75	25	0	545	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	45	1	5	12	60	7	35	0	0	547	45	5	60	35	0	547	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	45	2	10	15	75	3	15	0	0	551	45	10	75	15	0	551	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	12	1	20	2	40	2	40	0	0	548	12	20	40	40	0	548	20	10	64	21	5	548
B. 20 minutes to an hour	63	2	7	22	81	3	11	0	0	551	63	7	81	11	0	551	56	7	65	24	5	547
C. less than 20 minutes	9	0	0	3	75	1	25	0	0	548	9	0	75	25	0	548	10	3	52	33	12	543
D. I rarely read at home.	16	0	0	3	43	4	57	0	0	543	16	0	43	57	0	543	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	30	0	0	9	69	4	31	0	0	546	30	0	69	31	0	546	25	3	53	33	11	543
B. six to ten pages	39	2	12	12	71	3	18	0	0	551	39	12	71	18	0	551	26	6	61	26	7	546
C. eleven or more pages	32	1	7	10	71	3	21	0	0	549	32	7	71	21	0	549	49	8	65	23	5	547
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	1	100	0	0	0	0	542	100	0	100	0	0	542						
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:	Boothbay-Boothbay Hbr CSD
School:	Boothbay Region Elem 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	7	13	7	13	1711	12
	2007-2008	4	9	4	9	1617	12
	2008-2009	**6**	**12**	**6**	**12**	**2119**	**15**
	Cum. Total*	17	11	17	11	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	30	58	30	58	6778	48
	2007-2008	23	50	23	50	7284	52
	2008-2009	**23**	**45**	**23**	**45**	**7046**	**50**
	Cum. Total*	76	51	76	51	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	10	19	10	19	3884	28
	2007-2008	15	33	15	33	3341	24
	2008-2009	**17**	**33**	**17**	**33**	**3193**	**23**
	Cum. Total*	42	28	42	28	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	5	10	5	10	1683	12
	2007-2008	4	9	4	9	1778	13
	2008-2009	**5**	**10**	**5**	**10**	**1638**	**12**
	Cum. Total*	14	9	14	9	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**	25.1	52.3	25.1	52.3	25.5	53.1
A. Number	**18**	**38**	10.1	56.1	10.1	56.1	9.8	54.4
B. Data	**10**	**21**	5.3	53.0	5.3	53.0	5.2	52.0
C. Geometry	**10**	**21**	4.3	43.0	4.3	43.0	4.7	47.0
D. Algebra	**10**	**21**	5.4	54.0	5.4	54.0	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: Boothbay-Boothbay Hbr CSD
School: Boothbay Region Elem 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	51	6	12	23	45	17	33	5	10	546	51	12	45	33	10	546	13996	15	50	23	12	547
Ethnicity																						
African American/Black	1										1						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	50	6	12	23	46	16	32	5	10	547	50	12	46	32	10	547	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	4	31	5	38	4	31	536	13	0	31	38	31	536	2307	3	32	32	33	536
No	38	6	16	19	50	12	32	1	3	550	38	16	50	32	3	550	11689	17	54	21	8	549
Current LEP																						
Yes	0										0						365	5	33	30	32	536
No	51	6	12	23	45	17	33	5	10	546	51	12	45	33	10	546	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	20	1	5	7	35	9	45	3	15	543	20	5	35	45	15	543	5731	7	46	29	18	542
No	31	5	16	16	52	8	26	2	6	549	31	16	52	26	6	549	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	51	6	12	23	45	17	33	5	10	546	51	12	45	33	10	546	13988	15	50	23	12	547
Gender																						
Female	24	2	8	12	50	7	29	3	13	545	24	8	50	29	13	545	6889	14	51	23	12	546
Male	27	4	15	11	41	10	37	2	7	547	27	15	41	37	7	547	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	10	0	0	6	60	4	40	0	0	546	10	0	60	40	0	546	1918	3	39	36	22	539
No	41	6	15	17	41	13	32	5	12	546	41	15	41	32	12	546	12078	17	52	21	10	548
Gifted/talented program																						
Yes	0										0						450	64	34	2	0	564
No	51	6	12	23	45	17	33	5	10	546	51	12	45	33	10	546	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: Boothbay-Boothbay Hbr CSD
School: Boothbay Region Elem 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	2	0	0	0	0	0	0	1	100	518	2	0	0	0	100	518	4	8	38	26	28	539
B. less than one hour	58	2	8	14	54	7	27	3	12	547	58	8	54	27	12	547	70	15	52	23	10	547
C. one to two hours	36	3	19	6	38	6	38	1	6	547	36	19	38	38	6	547	24	15	51	23	11	547
D. more than two hours	4	0	0	1	50	1	50	0	0	543	4	0	50	50	0	543	2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	24	4	36	2	18	4	36	1	9	550	24	36	18	36	9	550	34	28	50	14	8	552
B. good	49	1	5	15	68	5	23	1	5	547	49	5	68	23	5	547	45	11	54	24	10	546
C. fair	22	0	0	4	40	4	40	2	20	541	22	0	40	40	20	541	18	3	45	33	19	540
D. poor	4	0	0	0	0	1	50	1	50	534	4	0	0	50	50	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.	40	3	17	8	44	5	28	2	11	548	40	17	44	28	11	548	38	22	52	19	7	550
B. They match some of what I have learned.	49	2	9	12	55	6	27	2	9	546	49	9	55	27	9	546	48	12	53	24	11	546
C. They match just a little of what I have learned.	11	0	0	1	20	3	60	1	20	539	11	0	20	60	20	539	11	6	40	30	24	540
D. There is no match.	0										0						3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	24	0	0	5	45	5	45	1	9	542	24	0	45	45	9	542	17	7	42	30	21	540
B. about the same as my regular schoolwork	64	4	14	13	45	9	31	3	10	547	64	14	45	31	10	547	64	15	53	23	10	547
C. easier than my regular schoolwork	11	1	20	3	60	0	0	1	20	549	11	20	60	0	20	549	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	2	0	0	1	100	0	0	0	0	554	2	0	100	0	0	554	7	6	39	27	27	539
B. 30–45 minutes	22	1	10	3	30	5	50	1	10	541	22	10	30	50	10	541	28	9	49	28	15	544
C. 45–60 minutes	73	4	12	17	52	9	27	3	9	548	73	12	52	27	9	548	41	17	53	21	9	548
D. more than 60 minutes	2	0	0	0	0	0	0	1	100	526	2	0	0	0	100	526	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	11	0	0	2	40	2	40	1	20	542	11	0	40	40	20	542	24	17	52	21	10	548
C. two or three times each month	47	2	10	10	48	7	33	2	10	545	47	10	48	33	10	545	33	17	52	21	9	548
D. never or almost never	42	3	16	9	47	5	26	2	11	548	42	16	47	26	11	548	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	24	1	9	6	55	4	36	0	0	547	24	9	55	36	0	547	23	13	47	26	15	545
B. two or three days a week	40	2	11	10	56	4	22	2	11	548	40	11	56	22	11	548	31	17	52	21	10	548
C. two or three times each month	22	1	10	3	30	4	40	2	20	543	22	10	30	40	20	543	27	17	52	21	10	548
D. never or almost never	13	1	17	2	33	2	33	1	17	542	13	17	33	33	17	542	20	12	50	24	14	545
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	1	100	0	0	532	100	0	0	100	0	532						
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:	Boothbay-Boothbay Hbr CSD
School:	Boothbay Region Elem 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*	4	8	4	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*	31	61	31	61	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*	10	20	10	20	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*	6	12	6	12	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**	31.0	64.6	31.0	64.6	29.2	60.8
D. The Physical Setting	**24**	**50**	13.9	57.9	13.9	57.9	12.9	53.8
E. The Living Environment	**24**	**50**	17.2	71.7	17.2	71.7	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: Boothbay-Boothbay Hbr CSD
School: Boothbay Region Elem 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	51	4	8	31	61	10	20	6	12	546	51	8	61	20	12	546	13995	4	51	31	13	543
Ethnicity																						
African American/Black	1										1						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	50	4	8	30	60	10	20	6	12	546	50	8	60	20	12	546	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	4	31	6	46	3	23	539	13	0	31	46	23	539	2309	2	29	39	29	536
No	38	4	11	27	71	4	11	3	8	549	38	11	71	11	8	549	11686	5	56	30	10	545
Current LEP																						
Yes	0										0						361	1	23	32	44	533
No	51	4	8	31	61	10	20	6	12	546	51	8	61	20	12	546	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	20	1	5	11	55	4	20	4	20	543	20	5	55	20	20	543	5729	2	42	37	20	539
No	31	3	10	20	65	6	19	2	6	548	31	10	65	19	6	548	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	51	4	8	31	61	10	20	6	12	546	51	8	61	20	12	546	13987	4	51	31	13	543
Gender																						
Female	24	1	4	16	67	5	21	2	8	546	24	4	67	21	8	546	6886	4	49	33	14	542
Male	27	3	11	15	56	5	19	4	15	547	27	11	56	19	15	547	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	10	1	10	4	40	3	30	2	20	542	10	10	40	30	20	542	1917	1	31	41	28	536
No	41	3	7	27	66	7	17	4	10	547	41	7	66	17	10	547	12078	5	55	30	11	544
Gifted/talented program																						
Yes	0										0						450	25	72	2	1	557
No	51	4	8	31	61	10	20	6	12	546	51	8	61	20	12	546	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: Boothbay-Boothbay Hbr CSD
School: Boothbay Region Elem 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	2	0	0	0	0	1	100	0	0	540	2	0	0	100	0	540	4	2	37	35	25	538
B. less than one hour	58	2	8	15	58	5	19	4	15	546	58	8	58	19	15	546	70	4	53	31	12	544
C. one to two hours	36	2	13	10	63	4	25	0	0	549	36	13	63	25	0	549	24	5	51	31	12	544
D. more than two hours	4	0	0	2	100	0	0	0	0	552	4	0	100	0	0	552	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	20	1	11	7	78	1	11	0	0	551	20	11	78	11	0	551	26	7	56	26	11	545
B. good	64	3	10	17	59	5	17	4	14	547	64	10	59	17	14	547	53	4	53	31	11	544
C. fair	13	0	0	2	33	4	67	0	0	543	13	0	33	67	0	543	18	2	41	39	17	540
D. poor	2	0	0	1	100	0	0	0	0	548	2	0	100	0	0	548	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.	42	1	5	12	63	4	21	2	11	547	42	5	63	21	11	547	23	5	56	28	11	544
B. They match some of what I have learned.	44	2	10	12	60	5	25	1	5	548	44	10	60	25	5	548	48	5	52	31	12	544
C. They match just a little of what I have learned.	11	0	0	3	60	1	20	1	20	540	11	0	60	20	20	540	23	4	49	33	14	543
D. There is no match.	2	1	100	0	0	0	0	0	0	574	2	100	0	0	0	574	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	7	1	33	1	33	1	33	0	0	551	7	33	33	33	0	551	23	5	48	31	16	543
B. about the same as my regular schoolwork	51	1	5	13	59	6	27	2	9	545	51	5	59	27	9	545	58	4	52	32	12	543
C. easier than my regular schoolwork	42	2	11	12	67	2	11	2	11	549	42	11	67	11	11	549	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	98	4	9	25	58	10	23	4	9	547	98	9	58	23	9	547	33	5	51	31	14	543
B. a few times a week	2	0	0	1	100	0	0	0	0	548	2	0	100	0	0	548	45	4	52	32	11	544
C. once a week	0										0						8	4	50	30	16	542
D. a few times a month	0										0						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.	13	0	0	4	67	1	17	1	17	545	13	0	67	17	17	545	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	29	3	23	7	54	3	23	0	0	553	29	23	54	23	0	553	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	18	0	0	3	38	2	25	3	38	536	18	0	38	25	38	536	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	40	1	6	13	72	4	22	0	0	548	40	6	72	22	0	548	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	56	3	12	13	52	8	32	1	4	548	56	12	52	32	4	548	47	4	51	32	12	543
B. a few times a month	31	1	7	10	71	1	7	2	14	547	31	7	71	7	14	547	27	5	54	30	11	544
C. once a month	7	0	0	1	33	1	33	1	33	538	7	0	33	33	33	538	10	5	49	30	15	543
D. never or almost never	7	0	0	3	100	0	0	0	0	547	7	0	100	0	0	547	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	52	3	13	12	52	6	26	2	9	548	52	13	52	26	9	548	46	4	52	32	12	543
B. a few times a month	25	0	0	8	73	2	18	1	9	545	25	0	73	18	9	545	28	5	53	30	12	544
C. once a month	14	0	0	4	67	1	17	1	17	544	14	0	67	17	17	544	11	4	47	34	15	542
D. never or almost never	9	0	0	3	75	1	25	0	0	547	9	0	75	25	0	547	15	4	50	30	16	542
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	1	100	0	0	0	0	548	100	0	100	0	0	548						
C.	0										0											
D.	0										0											

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N = Number