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:	12631786
SAU:	MSAD 71
School:	Kennebunkport Consolidated Sch

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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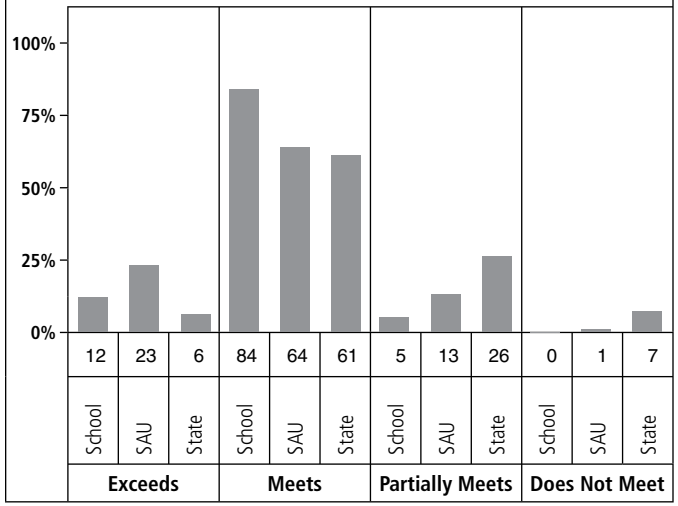
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

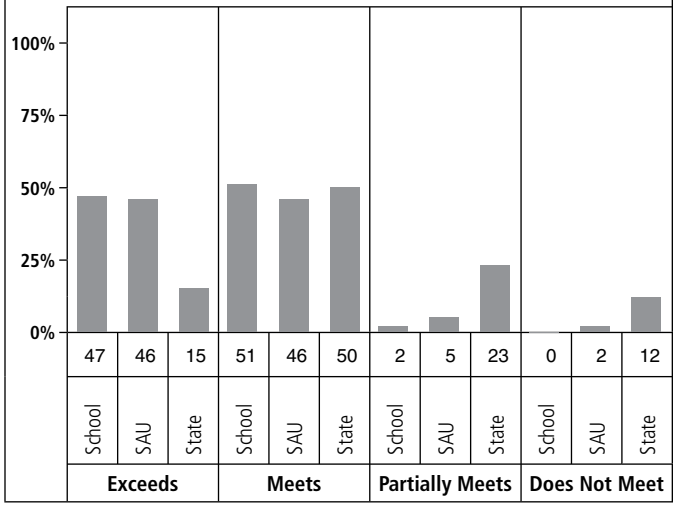
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	555	553	544
2007–2008	549	551	545
2008–2009	**553**	**554**	**546**
Cum. Avg.*	553	553	545
Mathematics			
2006–2007	557	558	546
2007–2008	560	557	546
2008–2009	**561**	**560**	**547**
Cum. Avg.*	559	558	546
Science			
2008-2009 **	**552**	**551**	**543**

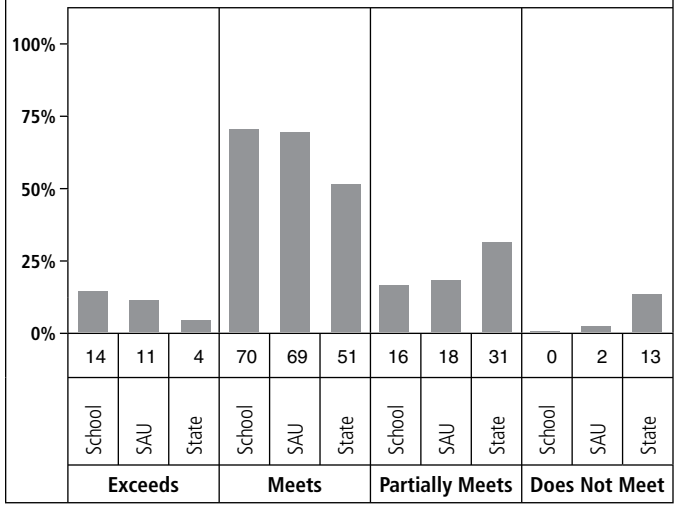
ELA – READING



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 71
School: Kennebunkport Consolidated Sch

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	45	100	166	100	14212	100	45	100	166	100	14135	100	45	100	166	100	14144	100	45	100	166	100	14137	100
Ethnicity African American/Black	0	0	2	1	397	3	0	0	2	100	388	98	0	0	2	100	393	99	0	0	2	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	2	1	259	2	0	0	2	100	253	98	0	0	2	100	258	100	0	0	2	100	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	45	100	162	98	13271	93	45	100	162	100	13212	100	45	100	162	100	13211	100	45	100	162	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	31	32	19	2479	17	14	100	32	100	2454	100	14	100	32	100	2455	100	14	100	32	100	2451	99
Current LEP	1	2	4	2	374	3	1	100	4	100	359	96	1	100	4	100	370	99	1	100	4	100	366	98
Economically disadvantaged	5	11	21	13	5848	41	5	100	21	100	5815	100	5	100	21	100	5819	100	5	100	21	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	33	73	135	81	10849	76	33	73	135	81	10872	76	33	73	135	81	10976	77
Identified disability (PET/IEP)	2	6	2	1	298	3	2	6	2	1	307	3	2	6	2	1	338	3
LEP	1	3	4	3	170	2	1	3	4	3	169	2	1	3	4	3	177	2
504 plan	0	0	1	1	123	1	0	0	1	1	121	1	0	0	1	1	126	1
Participation with accommodations	10	22	29	17	3122	22	10	22	29	17	3124	22	10	22	29	17	3019	21
Identified disability (PET/IEP)	10	100	28	97	1992	64	10	100	28	97	2000	64	10	100	28	97	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	0	0	1	3	907	29	0	0	1	3	886	28	0	0	1	3	826	27
Participation through alternate assessment (PAAP)	2	4	2	1	164	1	2	4	2	1	148	1	2	4	2	1	142	1
Identified disability (PET/IEP)	2	100	2	100	164	100	2	100	2	100	148	100	2	100	2	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:	MSAD 71
School:	Kennebunkport Consolidated Sch

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	11	27	33	20	702	5
	2007-2008	2	10	32	19	659	5
	2008-2009	**5**	**12**	**37**	**23**	**836**	**6**
	Cum. Total*	18	17	102	21	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	29	71	118	72	7730	55
	2007-2008	16	76	117	69	8195	58
	2008-2009	**36**	**84**	**105**	**64**	**8495**	**61**
	Cum. Total*	81	77	340	68	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	1	2	12	7	4182	30
	2007-2008	0	0	14	8	3800	27
	2008-2009	**2**	**5**	**21**	**13**	**3667**	**26**
	Cum. Total*	3	3	47	9	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	0	0	0	0	1419	10
	2007-2008	3	14	7	4	1362	10
	2008-2009	**0**	**0**	**1**	**1**	**973**	**7**
	Cum. Total*	3	3	8	2	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**	35.9	74.8	35.9	74.8	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	**24**	**50**	17.5	72.9	17.7	73.8	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	**24**	**50**	18.4	76.7	18.2	75.8	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 71
School: Kennebunkport Consolidated Sch

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	43	5	12	36	84	2	5	0	0	553	164	23	64	13	1	554	13971	6	61	26	7	546
Ethnicity																						
African American/Black	0										2						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	0										2						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	43	5	12	36	84	2	5	0	0	553	160	23	63	13	1	554	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	12	0	0	10	83	2	17	0	0	547	30	0	63	33	3	545	2290	0	29	47	23	537
No	31	5	16	26	84	0	0	0	0	555	134	28	64	8	0	556	11681	7	67	22	4	548
Current LEP																						
Yes	1										4						354	1	35	34	30	538
No	42	5	12	35	83	2	5	0	0	553	160	23	64	13	1	554	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	5	1	20	3	60	1	20	0	0	553	21	14	67	19	0	552	5716	2	51	35	12	542
No	38	4	11	33	87	1	3	0	0	553	143	24	64	12	1	554	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	43	5	12	36	84	2	5	0	0	553	164	23	64	13	1	554	13963	6	61	26	7	546
Gender																						
Female	23	3	13	19	83	1	4	0	0	553	80	24	65	11	0	555	6882	8	62	24	6	547
Male	20	2	10	17	85	1	5	0	0	552	84	21	63	14	1	553	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										13	0	77	23	0	549	1914	1	41	44	14	540
No	42	5	12	35	83	2	5	0	0	553	151	25	63	12	1	554	12057	7	64	23	6	547
Gifted/talented program																						
Yes	0										0						450	26	72	2	0	557
No	43	5	12	36	84	2	5	0	0	553	164	23	64	13	1	554	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 71
School: Kennebunkport Consolidated Sch

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	1	100	0	0	0	0	558	1	0	100	0	0	558	4	2	40	34	24	540
B. less than one hour	81	5	14	29	83	1	3	0	0	554	52	25	67	7	1	555	70	6	63	26	6	546
C. one to two hours	16	0	0	6	86	1	14	0	0	548	45	18	63	19	0	552	24	7	61	26	6	546
D. more than two hours	0										2	50	25	25	0	559	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	3	21	11	79	0	0	0	0	555	36	38	53	7	2	557	36	10	67	18	5	549
B. good	53	2	9	19	83	2	9	0	0	553	48	15	71	14	0	553	47	5	62	27	6	546
C. fair	14	0	0	6	100	0	0	0	0	551	15	4	75	21	0	549	15	2	47	40	12	541
D. poor	0										1	50	0	50	0	551	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.	16	1	14	6	86	0	0	0	0	554	37	32	63	5	0	557	31	9	65	20	5	548
B. They match some of what I have learned.	74	3	9	27	84	2	6	0	0	552	58	17	65	17	1	552	55	5	63	27	5	546
C. They match just a little of what I have learned.	9	1	25	3	75	0	0	0	0	558	6	11	67	22	0	552	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	19	0	0	6	75	2	25	0	0	546	18	21	62	14	3	553	16	3	49	32	15	542
B. about the same as my regular schoolwork	74	4	13	28	88	0	0	0	0	554	71	24	66	10	0	555	64	7	63	25	5	547
C. easier than my regular schoolwork	7	1	33	2	67	0	0	0	0	558	12	11	58	32	0	550	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.	16	0	0	6	86	1	14	0	0	547	9	7	47	40	7	545	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	44	2	11	17	89	0	0	0	0	553	49	14	74	13	0	553	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	40	3	18	13	76	1	6	0	0	555	42	35	57	7	0	557	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	23	1	10	9	90	0	0	0	0	553	28	36	58	7	0	557	20	10	64	21	5	548
B. 20 minutes to an hour	67	4	14	23	79	2	7	0	0	554	60	18	64	16	1	553	56	7	65	24	5	547
C. less than 20 minutes	7	0	0	3	100	0	0	0	0	545	9	13	73	13	0	551	10	3	52	33	12	543
D. I rarely read at home.	2	0	0	1	100	0	0	0	0	550	3	0	100	0	0	552	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	12	0	0	4	80	1	20	0	0	548	9	13	60	27	0	551	25	3	53	33	11	543
B. six to ten pages	33	2	14	12	86	0	0	0	0	556	17	30	70	0	0	557	26	6	61	26	7	546
C. eleven or more pages	55	3	13	19	83	1	4	0	0	552	74	21	64	14	1	553	49	8	65	23	5	547
Optional school/SAU question																						
A.	0										0											
B.	0										33	0	0	100	0	540						
C.	0										33	0	100	0	0	548						
D.	0										33	0	100	0	0	548						

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 71
School:	Kennebunkport Consolidated Sch

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	8	20	54	33	1711	12
	2007-2008	9	43	62	37	1617	12
	2008-2009	**20**	**47**	**76**	**46**	**2119**	**15**
	Cum. Total*	37	35	192	39	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	32	78	93	57	6778	48
	2007-2008	9	43	86	51	7284	52
	2008-2009	**22**	**51**	**75**	**46**	**7046**	**50**
	Cum. Total*	63	60	254	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	1	2	15	9	3884	28
	2007-2008	3	14	16	9	3341	24
	2008-2009	**1**	**2**	**9**	**5**	**3193**	**23**
	Cum. Total*	5	5	40	8	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	0	0	1	1	1683	12
	2007-2008	0	0	5	3	1778	13
	2008-2009	**0**	**0**	**4**	**2**	**1638**	**12**
	Cum. Total*	0	0	10	2	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**	34.5	71.9	33.6	70.0	25.5	53.1
A. Number	**18**	**38**	14.0	77.8	13.6	75.6	9.8	54.4
B. Data	**10**	**21**	6.6	66.0	6.4	64.0	5.2	52.0
C. Geometry	**10**	**21**	6.3	63.0	6.3	63.0	4.7	47.0
D. Algebra	**10**	**21**	7.6	76.0	7.3	73.0	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 71
School: Kennebunkport Consolidated Sch

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	43	20	47	22	51	1	2	0	0	561	164	46	46	5	2	560	13996	15	50	23	12	547
Ethnicity																						
African American/Black	0										2						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	0										2						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	43	20	47	22	51	1	2	0	0	561	160	46	46	6	3	560	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	12	4	33	8	67	0	0	0	0	557	30	13	67	10	10	548	2307	3	32	32	33	536
No	31	16	52	14	45	1	3	0	0	562	134	54	41	4	1	562	11689	17	54	21	8	549
Current LEP																						
Yes	1										4						365	5	33	30	32	536
No	42	19	45	22	52	1	2	0	0	561	160	46	46	5	3	560	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	5	2	40	3	60	0	0	0	0	560	21	52	38	10	0	560	5731	7	46	29	18	542
No	38	18	47	19	50	1	3	0	0	561	143	45	47	5	3	560	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	43	20	47	22	51	1	2	0	0	561	164	46	46	5	2	560	13988	15	50	23	12	547
Gender																						
Female	23	7	30	15	65	1	4	0	0	559	80	41	49	9	1	558	6889	14	51	23	12	546
Male	20	13	65	7	35	0	0	0	0	563	84	51	43	2	4	561	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										13	8	77	15	0	551	1918	3	39	36	22	539
No	42	20	48	21	50	1	2	0	0	561	151	50	43	5	3	560	12078	17	52	21	10	548
Gifted/talented program																						
Yes	0										0						450	64	34	2	0	564
No	43	20	47	22	51	1	2	0	0	561	164	46	46	5	2	560	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 71
School: Kennebunkport Consolidated Sch

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	1	100	0	0	0	0	0	0	572	1	100	0	0	0	572	4	8	38	26	28	539
B. less than one hour	81	17	49	17	49	1	3	0	0	562	52	51	46	2	1	561	70	15	52	23	10	547
C. one to two hours	16	2	29	5	71	0	0	0	0	556	45	41	45	10	4	557	24	15	51	23	11	547
D. more than two hours	0										2	25	75	0	0	562	2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	40	12	71	5	29	0	0	0	0	566	36	64	31	2	3	564	34	28	50	14	8	552
B. good	56	8	33	15	63	1	4	0	0	558	54	41	52	6	1	559	45	11	54	24	10	546
C. fair	5	0	0	2	100	0	0	0	0	551	8	8	62	23	8	546	18	3	45	33	19	540
D. poor	0										2	0	100	0	0	548	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.	37	11	69	5	31	0	0	0	0	564	49	58	39	3	1	562	38	22	52	19	7	550
B. They match some of what I have learned.	51	9	41	12	55	1	5	0	0	561	44	39	49	10	3	558	48	12	53	24	11	546
C. They match just a little of what I have learned.	12	0	0	5	100	0	0	0	0	552	5	0	100	0	0	552	11	6	40	30	24	540
D. There is no match.	0										2	33	33	0	33	544	3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	12	2	40	3	60	0	0	0	0	558	9	27	67	0	7	555	17	7	42	30	21	540
B. about the same as my regular schoolwork	53	10	43	12	52	1	4	0	0	561	60	49	44	6	1	561	64	15	53	23	10	547
C. easier than my regular schoolwork	35	8	53	7	47	0	0	0	0	562	30	47	45	6	2	559	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	1	100	0	0	0	0	0	0	562	2	67	0	0	33	542	7	6	39	27	27	539
B. 30–45 minutes	2	0	0	1	100	0	0	0	0	546	3	20	60	0	20	546	28	9	49	28	15	544
C. 45–60 minutes	2	1	100	0	0	0	0	0	0	572	12	21	47	26	5	550	41	17	53	21	9	548
D. more than 60 minutes	93	18	45	21	53	1	3	0	0	561	83	50	46	3	1	562	24	21	51	20	8	549
How often do you use calculators in mathematics class?																						
A. almost every day	2	1	100	0	0	0	0	0	0	580	16	35	54	4	8	557	6	14	43	24	20	543
B. two or three days a week	51	13	59	8	36	1	5	0	0	562	50	59	34	7	0	563	24	17	52	21	10	548
C. two or three times each month	30	5	38	8	62	0	0	0	0	560	23	42	58	0	0	561	33	17	52	21	9	548
D. never or almost never	16	1	14	6	86	0	0	0	0	556	10	12	65	12	12	548	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	21	2	22	7	78	0	0	0	0	555	48	43	51	4	3	560	23	13	47	26	15	545
B. two or three days a week	40	7	41	9	53	1	6	0	0	559	31	53	41	6	0	561	31	17	52	21	10	548
C. two or three times each month	28	8	67	4	33	0	0	0	0	566	14	43	39	13	4	558	27	17	52	21	10	548
D. never or almost never	12	3	60	2	40	0	0	0	0	564	6	40	50	0	10	555	20	12	50	24	14	545
Optional school/SAU question																						
A.	0										0											
B.	0										33	0	0	0	100	526						
C.	0										33	0	100	0	0	546						
D.	0										33	100	0	0	0	566						

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 71
School:	Kennebunkport Consolidated Sch

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*	6	14	18	11	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*	30	70	113	69	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*	7	16	30	18	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*	0	0	3	2	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**	34.4	71.7	33.7	70.2	29.2	60.8
D. The Physical Setting	**24**	**50**	16.0	66.7	15.2	63.3	12.9	53.8
E. The Living Environment	**24**	**50**	18.4	76.7	18.5	77.1	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 71
School: Kennebunkport Consolidated Sch

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	43	6	14	30	70	7	16	0	0	552	164	11	69	18	2	551	13995	4	51	31	13	543
Ethnicity																						
African American/Black	0										2						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	0										2						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	43	6	14	30	70	7	16	0	0	552	160	11	69	18	2	551	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	12	1	8	8	67	3	25	0	0	549	30	3	63	30	3	545	2309	2	29	39	29	536
No	31	5	16	22	71	4	13	0	0	553	134	13	70	16	1	552	11686	5	56	30	10	545
Current LEP																						
Yes	1										4						361	1	23	32	44	533
No	42	6	14	29	69	7	17	0	0	552	160	11	69	18	2	551	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	5	1	20	3	60	1	20	0	0	554	21	14	62	24	0	552	5729	2	42	37	20	539
No	38	5	13	27	71	6	16	0	0	552	143	10	70	17	2	551	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	43	6	14	30	70	7	16	0	0	552	164	11	69	18	2	551	13987	4	51	31	13	543
Gender																						
Female	23	2	9	15	65	6	26	0	0	549	80	8	69	23	1	550	6886	4	49	33	14	542
Male	20	4	20	15	75	1	5	0	0	556	84	14	69	14	2	551	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										13	8	62	31	0	548	1917	1	31	41	28	536
No	42	6	14	29	69	7	17	0	0	552	151	11	70	17	2	551	12078	5	55	30	11	544
Gifted/talented program																						
Yes	0										0						450	25	72	2	1	557
No	43	6	14	30	70	7	16	0	0	552	164	11	69	18	2	551	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 71
School: Kennebunkport Consolidated Sch

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	1	100	0	0	0	0	556	1	0	100	0	0	556	4	2	37	35	25	538
B. less than one hour	81	6	17	25	71	4	11	0	0	553	52	15	69	14	1	552	70	4	53	31	12	544
C. one to two hours	16	0	0	4	57	3	43	0	0	547	45	5	67	25	3	549	24	5	51	31	12	544
D. more than two hours	0										2	25	75	0	0	557	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	30	3	23	8	62	2	15	0	0	553	21	11	63	26	0	550	26	7	56	26	11	545
B. good	60	3	12	19	73	4	15	0	0	552	64	11	69	18	2	551	53	4	53	31	11	544
C. fair	9	0	0	3	75	1	25	0	0	550	13	9	77	9	5	551	18	2	41	39	17	540
D. poor	0										1	0	100	0	0	544	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.	16	1	14	5	71	1	14	0	0	553	20	3	78	19	0	549	23	5	56	28	11	544
B. They match some of what I have learned.	58	4	16	16	64	5	20	0	0	551	50	11	68	19	2	551	48	5	52	31	12	544
C. They match just a little of what I have learned.	26	1	9	9	82	1	9	0	0	554	29	17	63	19	2	551	23	4	49	33	14	543
D. There is no match.	0										1	0	100	0	0	554	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	16	1	14	3	43	3	43	0	0	550	20	6	67	24	3	550	23	5	48	31	16	543
B. about the same as my regular schoolwork	44	2	11	15	79	2	11	0	0	552	58	10	71	17	2	551	58	4	52	32	12	543
C. easier than my regular schoolwork	40	3	18	12	71	2	12	0	0	553	22	20	66	14	0	552	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	0										3	0	40	60	0	542	33	5	51	31	14	543
B. a few times a week	45	1	5	13	68	5	26	0	0	550	70	9	68	21	2	550	45	4	52	32	11	544
C. once a week	10	1	25	3	75	0	0	0	0	556	12	20	80	0	0	556	8	4	50	30	16	542
D. a few times a month	45	4	21	13	68	2	11	0	0	553	15	17	67	13	4	550	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.	9	2	50	2	50	0	0	0	0	564	9	21	43	29	7	550	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	14	0	0	6	100	0	0	0	0	556	13	9	86	5	0	553	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	42	3	17	10	56	5	28	0	0	553	34	16	67	16	0	554	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	35	1	7	12	80	2	13	0	0	547	44	6	69	22	3	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	14	0	0	5	83	1	17	0	0	553	44	7	68	24	1	549	47	4	51	32	12	543
B. a few times a month	47	2	10	16	80	2	10	0	0	552	38	13	73	13	2	552	27	5	54	30	11	544
C. once a month	23	2	20	7	70	1	10	0	0	554	13	14	76	10	0	553	10	5	49	30	15	543
D. never or almost never	16	2	29	2	29	3	43	0	0	550	6	22	33	33	11	545	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	30	1	8	9	69	3	23	0	0	551	52	8	71	19	1	551	46	4	52	32	12	543
B. a few times a month	28	1	8	11	92	0	0	0	0	552	30	13	71	15	2	551	28	5	53	30	12	544
C. once a month	23	3	30	6	60	1	10	0	0	555	12	21	63	16	0	551	11	4	47	34	15	542
D. never or almost never	19	1	13	4	50	3	38	0	0	550	7	9	55	27	9	547	15	4	50	30	16	542
Optional school/SAU question																						
A.	0										0											
B.	0										33	0	0	100	0	534						
C.	0										33	0	100	0	0	556						
D.	0										33	0	100	0	0	554						

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