June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results,* adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education

MEA
Maine Educational Assessment

School Report
Grade 8

Test Date:	March 2008
Code:	10271857
SAU:	Bucksport School Department
School:	Bucksport Middle School

Contents of the Report

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

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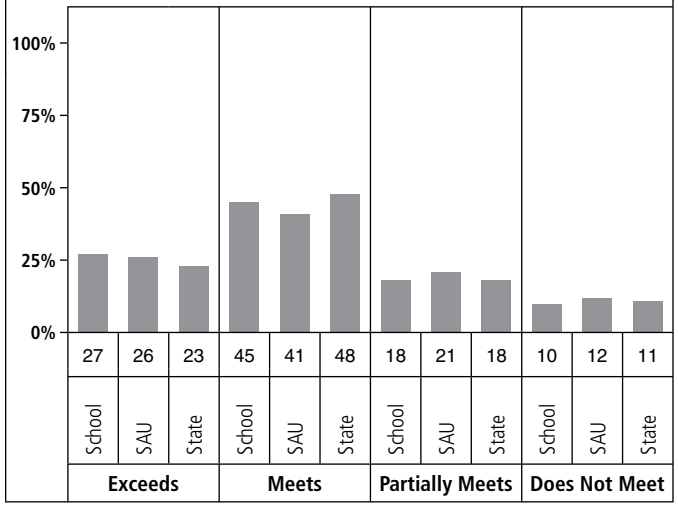
SUMMARY OF SCORES

Test Date: March 2008
Grade: 8
SAU: Bucksport School Department
School: Bucksport Middle School

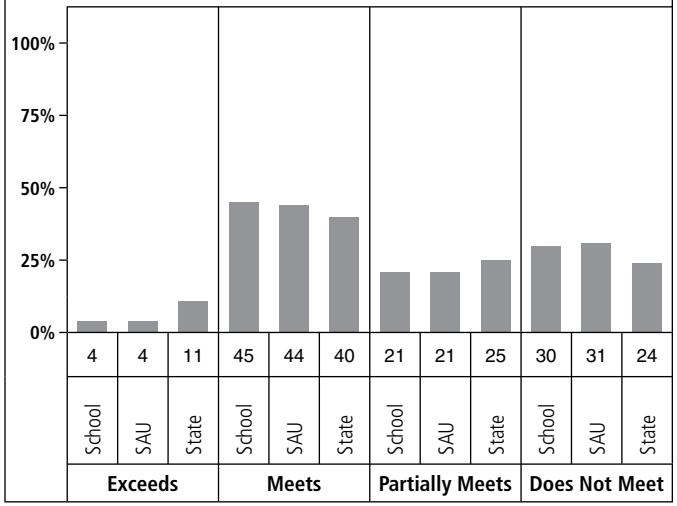
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	842	843	845
2006–2007	844	844	847
2007–2008	**851**	**850**	**849**
Cum. Avg.*	846	846	847
Mathematics			
2005–2006	832	833	840
2006–2007	832	832	842
2007–2008	**839**	**839**	**841**
Cum. Avg.*	834	835	841
Science & Technology			
2005–2006	844	844	846
2006–2007	841	842	847
2007–2008	**845**	**845**	**847**
Cum. Avg.*	843	844	847

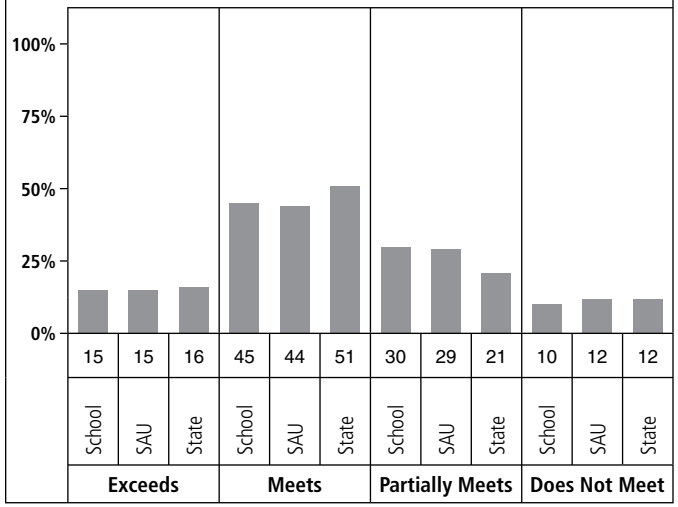
ELA – READING

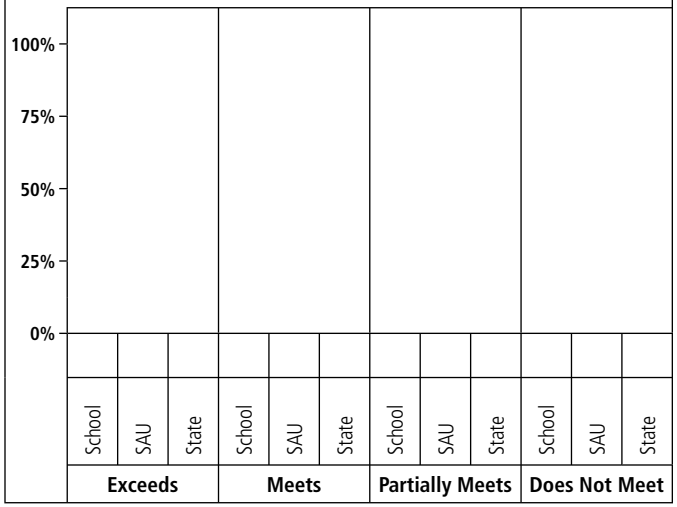


MATHEMATICS



SCIENCE AND TECHNOLOGY





*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
Grade: 8
SAU: Bucksport School Department
School: Bucksport Middle School

CATEGORY OF PARTICIPATION	Enrollment[1] during testing window						CONTENT AREA PARTICIPATION[2]																							
							ELA–Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	84	100	69	100	15274	100	82	98	68	99	15102	99	82	98	68	99	15097	99	82	98	68	99	15080	99						
Ethnicity African American/Black	1	1	1	1	368	2	1	100	1	100	356	97	1	100	1	100	360	98	1	100	1	100	356	97						
American Indian or Native Alaskan	0	0	0	0	120	1	0	0	0	0	117	98	0	0	0	0	117	98	0	0	0	0	117	98						
Asian or Pacific Islander	0	0	0	0	186	1	0	0	0	0	181	97	0	0	0	0	182	98	0	0	0	0	182	98						
Hispanic	1	1	1	1	139	1	1	100	1	100	136	98	1	100	1	100	136	98	1	100	1	100	136	98						
Caucasian/White	82	98	67	97	14461	95	80	98	66	99	14312	99	80	98	66	99	14302	99	80	98	66	99	14289	99						
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	21	25	22	32	2508	16	21	100	22	100	2446	98	21	100	22	100	2441	98	21	100	22	100	2431	98						
Current LEP	0	0	0	0	327	2	0	0	0	0	316	97	0	0	0	0	322	99	0	0	0	0	322	99						
Economically disadvantaged	28	33	23	33	5420	35	27	96	22	96	5329	99	27	96	22	96	5324	99	27	96	22	96	5313	98						
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100	0	0	0	0	7	100						

MODE OF PARTICIPATION[3]	ELA–Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	64	76	49	71	12703	83	64	76	49	71	12694	83	64	76	49	71	12710	83						
Identified disability (PET/IEP)	3	5	3	6	437	3	3	5	3	6	421	3	3	5	3	6	445	4						
LEP	0	0	0	0	172	1	0	0	0	0	172	1	0	0	0	0	173	1						
504 plan	1	2	0	0	229	2	1	2	0	0	231	2	1	2	0	0	230	2						
Participation with accommodations	18	21	19	28	2221	15	18	21	19	28	2227	15	18	21	19	28	2197	14						
Identified disability (PET/IEP)	18	100	19	100	1832	82	18	100	19	100	1844	83	18	100	19	100	1813	83						
LEP	0	0	0	0	136	6	0	0	0	0	143	6	0	0	0	0	142	6						
504 plan	0	0	0	0	68	3	0	0	0	0	66	3	0	0	0	0	66	3						
Other	0	0	0	0	213	10	0	0	0	0	202	9	0	0	0	0	204	9						
Participation through alternate assessment (PAAP)	0	0	0	0	177	1	0	0	0	0	176	1	0	0	0	0	173	1						
Identified disability (PET/IEP)	0	0	0	0	177	100	0	0	0	0	176	100	0	0	0	0	173	100						
LEP	0	0	0	0	7	4	0	0	0	0	7	4	0	0	0	0	7	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	1	0																		
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	34	0						
Non-participation – other	2	2	1	1	140	1	2	2	1	1	143	1	2	2	1	1	160	1						

1 Percents are the percentage of students enrolled in each participation category.
2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.
3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2008
Grade:	8
SAU:	Bucksport School Department
School:	Bucksport Middle School

ACHIEVEMENT LEVEL DEFINITIONS

The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Level Expectations in English language arts – reading.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 861–880)	2005-2006	11	13	8	13	2695	17
	2006-2007	6	8	6	10	2407	16
	2007-2008	**22**	**27**	**18**	**26**	**3428**	**23**
	Cum. Total*	39	16	32	17	8530	18
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 841–860)	2005-2006	37	45	32	50	6830	42
	2006-2007	39	52	31	51	7494	49
	2007-2008	**37**	**45**	**28**	**41**	**7179**	**48**
	Cum. Total*	113	47	91	47	21503	46
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 829–840)	2005-2006	16	19	11	17	3741	23
	2006-2007	19	25	16	26	3628	24
	2007-2008	**15**	**18**	**14**	**21**	**2706**	**18**
	Cum. Total*	50	21	41	21	10075	22
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 800–828)	2005-2006	19	23	13	20	3003	18
	2006-2007	11	15	8	13	1810	12
	2007-2008	**8**	**10**	**8**	**12**	**1611**	**11**
	Cum. Total*	38	16	29	15	6424	14

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	**56**	**100**	37.8	67.5	36.9	65.9	36.9	65.9
Literary Text	**28**	**50**	19.1	68.2	18.5	66.1	18.3	65.4
Informational Text	**28**	**50**	18.7	66.8	18.4	65.7	18.6	66.4

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

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

ELA–READING RESULTS
(CONTINUED)

Test Date: March 2008
Grade: 8
SAU: Bucksport School Department
School: Bucksport Middle 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	82	22	27	37	45	15	18	8	10	851	68	26	41	21	12	850	14924	23	48	18	11	849
Ethnicity																						
African American/Black	1										1						348	11	38	22	29	840
American Indian or Native Alaskan	0										0						117	9	43	29	19	842
Asian or Pacific Islander	0										0						179	32	39	18	11	852
Hispanic	1										1						131	18	38	27	17	846
Caucasian/White	80	22	28	36	45	14	18	8	10	851	66	27	41	20	12	850	14149	23	49	18	10	850
Not Reported	0										0						0					
Identified disability																						
Yes	21	0	0	6	29	9	43	6	29	835	22	0	27	41	32	834	2269	3	24	32	42	833
No	61	22	36	31	51	6	10	2	3	857	46	39	48	11	2	857	12655	27	52	16	5	852
Current LEP																						
Yes	0										0						308	8	30	27	34	837
No	82	22	27	37	45	15	18	8	10	851	68	26	41	21	12	850	14616	23	48	18	10	850
Economically disadvantaged																						
Yes	27	4	15	10	37	7	26	6	22	844	22	14	36	27	23	843	5222	12	44	25	19	843
No	55	18	33	27	49	8	15	2	4	854	46	33	43	17	7	853	9702	29	50	14	7	853
Migrant																						
Yes	0										0						7	0	86	0	14	850
No	82	22	27	37	45	15	18	8	10	851	68	26	41	21	12	850	14917	23	48	18	11	849
Gender																						
Female	39	16	41	15	38	8	21	0	0	857	30	43	33	23	0	856	7198	30	48	15	7	853
Male	43	6	14	22	51	7	16	8	19	846	38	13	47	18	21	845	7726	17	49	21	14	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	20	2	10	10	50	6	30	2	10	846	16	13	50	31	6	847	807	9	41	32	18	842
No	62	20	32	27	44	9	15	6	10	853	52	31	38	17	13	851	14117	24	49	17	10	850
Gifted/talented program																						
Yes	0										0						592	71	28	1	0	867
No	82	22	27	37	45	15	18	8	10	851	68	26	41	21	12	850	14332	21	49	19	11	849

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

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

ELA–READING RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: Bucksport School Department
School: Bucksport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	3	50	1	17	2	33	840	7	0	40	40	20	841	9	10	39	24	26	841
B. less than one hour	61	11	22	23	46	10	20	6	12	849	60	20	41	22	17	846	46	20	50	20	11	849
C. one to two hours	30	11	44	10	40	4	16	0	0	858	31	48	38	14	0	858	41	28	49	15	7	852
D. more than two hours	1	0	0	1	100	0	0	0	0	854	1	0	100	0	0	854	5	28	44	15	12	850
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.	27	7	32	10	45	4	18	1	5	853	24	31	44	19	6	853	33	31	48	14	7	853
B. They match some of what I have learned.	56	10	22	23	50	11	24	2	4	851	57	23	46	26	5	851	53	21	51	19	9	849
C. They match just a little of what I have learned.	16	5	38	3	23	0	0	5	38	847	18	33	17	8	42	843	11	14	41	25	20	844
D. There is no match.	1	0	0	1	100	0	0	0	0	854	1	0	100	0	0	854	3	6	34	26	35	836
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	28	13	57	5	22	4	17	1	4	859	31	57	19	14	10	857	31	42	44	8	6	857
B. good	50	9	22	24	59	5	12	3	7	852	50	18	59	15	9	850	49	19	54	19	9	849
C. fair	16	0	0	4	31	5	38	4	31	836	13	0	11	56	33	832	18	5	42	31	22	840
D. poor	6	0	0	4	80	1	20	0	0	848	6	0	75	25	0	848	2	4	29	32	34	835
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	23	4	21	10	53	2	11	3	16	847	24	19	44	19	19	845	15	16	44	22	18	845
B. about the same as my regular schoolwork	60	12	24	22	45	11	22	4	8	851	64	21	44	23	12	849	65	23	49	18	9	850
C. easier than my regular schoolwork	16	6	46	4	31	2	15	1	8	856	12	75	13	13	0	862	19	30	49	14	8	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	17	0	0	7	50	3	21	4	29	839	18	0	42	25	33	836	9	8	33	28	31	838
B. Most of the passages were about the same as what I normally read.	46	7	18	18	47	9	24	4	11	848	46	13	52	26	10	847	53	17	51	21	11	848
C. Most of the passages were easier than what I normally read.	37	15	50	12	40	3	10	0	0	861	37	56	28	12	4	860	38	36	48	11	5	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	49	11	28	16	40	9	23	4	10	851	47	28	31	28	13	850	43	23	48	19	10	849
B. I tried about the same as I do on my regular schoolwork.	48	11	28	19	49	6	15	3	8	852	50	26	50	15	9	851	51	25	49	17	9	851
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	2	67	0	0	1	33	840	3	0	50	0	50	830	6	9	43	24	23	842
How much time do you spend reading at home each day?																						
A. more than one hour	15	3	25	7	58	2	17	0	0	858	15	30	50	20	0	857	18	31	47	13	9	852
B. 20 minutes to an hour	39	10	31	10	31	7	22	5	16	849	38	31	31	23	15	848	41	28	49	15	7	852
C. less than 20 minutes	18	5	33	7	47	2	13	1	7	854	18	25	50	17	8	853	13	20	49	18	12	848
D. I rarely read at home.	28	4	17	13	57	4	17	2	9	848	29	20	45	20	15	847	28	12	47	26	16	844
How do you feel about the following statement? ***"My knowledge of reading will be useful to me as an adult."***																						
A. strongly agree	49	15	38	16	40	6	15	3	8	854	49	36	36	18	9	853	43	31	48	14	7	853
B. agree	46	6	16	19	50	9	24	4	11	848	47	16	47	25	13	847	48	18	50	20	12	848
C. disagree	4	1	33	1	33	0	0	1	33	842	4	33	33	0	33	842	6	11	43	24	21	843
D. strongly disagree	1	0	0	1	100	0	0	0	0	850	0						2	6	36	32	26	839
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	1	50	1	50	0	0	846	100	0	100	0	0	852						
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 2008
Grade:	8
SAU:	Bucksport School Department
School:	Bucksport Middle School

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Level Expectations in mathematics.		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 861–880)	2005-2006	3	4	3	5	1714	11
	2006-2007	1	1	0	0	1952	13
	2007-2008	**3**	**4**	**3**	**4**	**1657**	**11**
	Cum. Total*	7	3	6	3	5323	11
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 841–860)	2005-2006	19	23	17	27	5533	34
	2006-2007	19	25	16	26	5870	38
	2007-2008	**37**	**45**	**30**	**44**	**5956**	**40**
	Cum. Total*	75	31	63	33	17359	37
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 829–840)	2005-2006	29	35	20	31	4764	29
	2006-2007	24	32	20	33	3982	26
	2007-2008	**17**	**21**	**14**	**21**	**3729**	**25**
	Cum. Total*	70	29	54	28	12475	27
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 800–828)	2005-2006	32	39	24	38	4251	26
	2006-2007	31	41	25	41	3534	23
	2007-2008	**25**	**30**	**21**	**31**	**3579**	**24**
	Cum. Total*	88	37	70	36	11364	24

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	**16**	**29**	8.2	51.3	8.1	50.6	8.4	52.5
Cluster 2: Shape and Size	**14**	**25**	5.3	37.9	5.4	38.6	5.9	42.1
Cluster 3: Mathematical Decision Making	**8**	**14**	4.6	57.5	4.7	58.8	4.6	57.5
Cluster 4: Patterns	**18**	**32**	8.2	45.6	8.2	45.6	8.9	49.4

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

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

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

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

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

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

MATHEMATICS RESULTS
(CONTINUED)

Test Date: March 2008
Grade: 8
SAU: Bucksport School Department
School: Bucksport Middle 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	82	3	4	37	45	17	21	25	30	839	68	4	44	21	31	839	14921	11	40	25	24	841
Ethnicity																						
African American/Black	1										1						352	2	23	23	52	828
American Indian or Native Alaskan	0										0						117	5	22	33	39	832
Asian or Pacific Islander	0										0						181	24	42	20	14	848
Hispanic	1										1						131	7	34	26	33	836
Caucasian/White	80	3	4	36	45	17	21	24	30	839	66	5	44	21	30	839	14140	11	41	25	23	841
Not Reported	0										0						0					
Identified disability																						
Yes	21	0	0	5	24	4	19	12	57	827	22	0	23	23	55	827	2265	1	14	22	62	824
No	61	3	5	32	52	13	21	13	21	843	46	7	54	20	20	844	12656	13	45	26	17	844
Current LEP																						
Yes	0										0						315	5	24	20	51	828
No	82	3	4	37	45	17	21	25	30	839	68	4	44	21	31	839	14606	11	40	25	23	841
Economically disadvantaged																						
Yes	27	1	4	11	41	3	11	12	44	834	22	5	41	9	45	834	5217	5	30	29	37	834
No	55	2	4	26	47	14	25	13	24	841	46	4	46	26	24	841	9704	15	45	23	17	845
Migrant																						
Yes	0										0						7	0	43	43	14	838
No	82	3	4	37	45	17	21	25	30	839	68	4	44	21	31	839	14914	11	40	25	24	841
Gender																						
Female	39	2	5	19	49	8	21	10	26	841	30	7	47	20	27	842	7199	11	40	26	23	841
Male	43	1	2	18	42	9	21	15	35	836	38	3	42	21	34	836	7722	11	40	24	25	841
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	20	0	0	3	15	5	25	12	60	827	16	0	13	31	56	828	806	3	20	30	47	831
No	62	3	5	34	55	12	19	13	21	842	52	6	54	17	23	842	14115	12	41	25	23	842
Gifted/talented program																						
Yes	0										0						592	58	39	2	1	864
No	82	3	4	37	45	17	21	25	30	839	68	4	44	21	31	839	14329	9	40	26	25	840

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

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

MATHEMATICS RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: Bucksport School Department
School: Bucksport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	2	33	2	33	2	33	836	7	0	40	40	20	838	9	5	30	23	41	833
B. less than one hour	61	2	4	19	38	12	24	17	34	837	60	5	37	22	37	836	46	10	40	26	25	840
C. one to two hours	30	1	4	16	64	3	12	5	20	844	31	5	62	14	19	845	41	14	42	25	19	843
D. more than two hours	1	0	0	0	0	0	0	1	100	826	1	0	0	0	100	826	5	14	38	23	24	842
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.	22	0	0	11	61	2	11	5	28	840	24	0	63	13	25	841	30	17	43	22	18	845
B. They match some of what I have learned.	60	3	6	19	39	12	24	15	31	839	56	8	37	24	32	839	50	10	42	26	22	841
C. They match just a little of what I have learned.	15	0	0	5	42	3	25	4	33	836	15	0	40	30	30	836	17	6	32	29	33	836
D. There is no match.	4	0	0	2	67	0	0	1	33	840	6	0	50	0	50	831	4	3	18	25	54	828
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	22	2	11	13	72	2	11	1	6	851	24	13	75	6	6	852	26	29	46	14	11	851
B. good	56	1	2	20	43	11	24	14	30	837	54	3	41	27	30	837	45	7	46	27	20	841
C. fair	20	0	0	3	19	4	25	9	56	830	19	0	15	23	62	828	23	1	26	34	38	833
D. poor	2	0	0	1	50	0	0	1	50	834	3	0	50	0	50	834	5	1	14	29	57	827
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	43	1	3	17	49	7	20	10	29	839	42	4	43	21	32	837	34	4	35	28	32	836
B. about the same as my regular schoolwork	52	2	5	17	40	8	19	15	36	837	52	6	43	17	34	838	52	10	43	26	21	842
C. easier than my regular schoolwork	5	0	0	3	75	1	25	0	0	852	6	0	75	25	0	852	13	33	40	14	13	852
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	58	2	4	20	43	10	21	15	32	838	51	6	41	18	35	837	44	10	40	26	25	840
B. I tried about the same as I do on my regular schoolwork.	36	1	3	14	48	6	21	8	28	840	43	3	45	24	28	840	50	13	42	24	21	843
C. I did not try as hard on this test as I do on my regular schoolwork.	6	0	0	2	40	1	20	2	40	834	6	0	50	25	25	841	6	9	27	27	38	835
How often do you use laptops in mathematics class?																						
A. almost every day	4	0	0	1	33	1	33	1	33	839	3	0	50	0	50	838	9	6	38	27	29	837
B. two or three days a week	27	0	0	6	27	7	32	9	41	832	25	0	24	35	41	832	16	8	38	27	27	839
C. two or three times each month	30	0	0	10	40	7	28	8	32	834	29	0	40	25	35	834	28	12	41	27	21	843
D. never or almost never	39	3	9	20	63	2	6	7	22	846	43	10	59	10	21	846	48	13	40	23	24	842
How often do you use calculators in mathematics class?																						
A. almost every day	18	1	7	10	67	2	13	2	13	849	21	7	57	14	21	844	38	14	42	23	21	843
B. two or three times a week	41	2	6	17	50	5	15	10	29	841	40	7	52	15	26	843	33	10	41	26	23	841
C. two or three times each month	27	0	0	7	32	8	36	7	32	834	24	0	31	38	31	834	18	10	36	27	27	840
D. never or almost never	13	0	0	3	27	2	18	6	55	826	16	0	27	18	55	826	11	7	34	26	33	836
How do you feel about the following statement? ***"My knowledge of mathematics will be useful to me as an adult."***																						
A. strongly agree	61	2	4	28	56	8	16	12	24	841	60	5	54	17	24	841	54	14	44	23	18	844
B. agree	37	1	3	7	23	9	30	13	43	834	37	4	24	28	44	834	38	8	36	27	28	838
C. disagree	2	0	0	2	100	0	0	0	0	850	3	0	100	0	0	850	6	6	31	28	36	835
D. strongly disagree	0										0						2	3	23	25	49	831
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	1	50	1	50	823	100	0	0	100	0	836						
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 AND TECHNOLOGY RESULTS

Test Date:	March 2008
Grade:	8
SAU:	Bucksport School Department
School:	Bucksport Middle School

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Span Expectations in science and technology.		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 using the processes of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 861–880)	2005-2006	7	8	4	6	1879	12
	2006-2007	8	11	7	11	2192	14
	2007-2008	**12**	**15**	**10**	**15**	**2371**	**16**
	Cum. Total*	27	11	21	11	6442	14
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 using the processes of scientific inquiry and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 841–860)	2005-2006	40	48	33	52	8604	53
	2006-2007	25	33	22	36	7916	52
	2007-2008	**37**	**45**	**30**	**44**	**7630**	**51**
	Cum. Total*	102	43	85	44	24150	52
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 using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 831–840)	2005-2006	24	29	18	28	3618	22
	2006-2007	28	37	21	34	3340	22
	2007-2008	**25**	**30**	**20**	**29**	**3175**	**21**
	Cum. Total*	77	32	59	31	10133	22
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 and use the skills of scientific inquiry. There are many inaccuracies and explanations are illogical, incomplete, or missing. (scaled score 800–830)	2005-2006	12	14	9	14	2174	13
	2006-2007	14	19	11	18	1865	12
	2007-2008	**8**	**10**	**8**	**12**	**1731**	**12**
	Cum. Total*	34	14	28	15	5770	12

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Life Sciences	**14**	**25**	7.6	54.3	7.5	53.6	8.1	57.9
Cluster 2: Physical Sciences	**14**	**25**	7.2	51.4	7.2	51.4	7.3	52.1
Cluster 3: Earth and Space Sciences	**14**	**25**	6.9	49.3	6.9	49.3	7.7	55.0
Cluster 4: Nature and Implications of Science	**14**	**25**	8.5	60.7	8.5	60.7	8.5	60.7

Cluster 1: Life Sciences
- A. Classifying Life Forms
- B. Ecology
- C. Cells

Cluster 2: Physical Sciences
- E. Structure of Matter
- H. Energy
- I. Motion

Cluster 3: Earth and Space Sciences
- D. Continuity and Change
- F. The Earth
- G. The Universe

Cluster 4: Nature and Implications of Science
- J. Inquiry and Problem Solving
- K. Scientific Reasoning
- L. Communication
- M. Implications of Science & Technology

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

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

SCIENCE AND TECHNOLOGY RESULTS
(CONTINUED)

Test Date: March 2008
Grade: 8
SAU: Bucksport School Department
School: Bucksport Middle 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	82	12	15	37	45	25	30	8	10	845	68	15	44	29	12	845	14907	16	51	21	12	847
Ethnicity																						
African American/Black	1										1						349	4	35	26	34	837
American Indian or Native Alaskan	0										0						117	8	40	28	24	840
Asian or Pacific Islander	0										0						181	20	50	15	15	849
Hispanic	1										1						131	5	50	22	23	842
Caucasian/White	80	12	15	36	45	24	30	8	10	845	66	15	44	29	12	845	14129	16	52	21	11	848
Not Reported	0										0						0					
Identified disability																						
Yes	21	1	5	4	19	11	52	5	24	836	22	5	18	50	27	835	2258	3	29	31	37	836
No	61	11	18	33	54	14	23	3	5	849	46	20	57	20	4	850	12649	18	55	20	7	850
Current LEP																						
Yes	0										0						315	4	29	25	42	834
No	82	12	15	37	45	25	30	8	10	845	68	15	44	29	12	845	14592	16	52	21	11	848
Economically disadvantaged																						
Yes	27	3	11	8	30	11	41	5	19	841	22	14	27	41	18	842	5206	8	45	28	20	842
No	55	9	16	29	53	14	25	3	5	847	46	15	52	24	9	847	9701	20	55	18	7	850
Migrant																						
Yes	0										0						7	29	57	14	0	852
No	82	12	15	37	45	25	30	8	10	845	68	15	44	29	12	845	14900	16	51	21	12	847
Gender																						
Female	39	3	8	22	56	13	33	1	3	847	30	7	53	37	3	846	7196	14	52	23	12	847
Male	43	9	21	15	35	12	28	7	16	844	38	21	37	24	18	845	7711	18	51	20	12	848
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	20	0	0	6	30	10	50	4	20	838	16	0	25	56	19	838	804	6	38	34	22	841
No	62	12	19	31	50	15	24	4	6	848	52	19	50	21	10	847	14103	16	52	21	11	848
Gifted/talented program																						
Yes	0										0						592	63	35	1	0	865
No	82	12	15	37	45	25	30	8	10	845	68	15	44	29	12	845	14315	14	52	22	12	847

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

SCIENCE AND TECHNOLOGY RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: Bucksport School Department
School: Bucksport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	2	33	2	33	2	33	831	7	0	40	40	20	836	9	10	40	26	23	842
B. less than one hour	61	8	16	21	42	15	30	6	12	845	60	17	39	27	17	844	46	14	52	22	12	847
C. one to two hours	30	4	16	14	56	7	28	0	0	850	31	14	57	29	0	849	41	19	53	19	9	849
D. more than two hours	1	0	0	0	0	1	100	0	0	840	1	0	0	100	0	840	5	19	47	21	14	848
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	1	5	8	40	8	40	3	15	840	21	7	43	36	14	841	29	19	54	19	9	849
B. They match some of what I have learned.	52	7	17	18	43	13	31	4	10	846	52	17	40	29	14	845	49	16	51	22	11	848
C. They match just a little of what I have learned.	23	3	16	11	58	4	21	1	5	849	27	11	56	28	6	848	18	13	51	23	13	846
D. There is no match.	0										0						5	9	39	29	23	842
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	27	7	32	8	36	6	27	1	5	849	26	33	39	17	11	849	23	28	51	13	8	853
B. good	60	3	6	26	53	15	31	5	10	845	62	5	52	31	12	844	54	15	55	21	9	848
C. fair	11	2	22	3	33	3	33	1	11	844	12	25	13	50	13	843	20	5	45	32	18	842
D. poor	2	0	0	0	0	1	50	1	50	819	0						3	2	35	34	29	838
How difficult was the science part of this test?																						
A. harder than my regular schoolwork	36	6	21	15	52	4	14	4	14	847	38	20	52	12	16	847	27	15	49	22	14	846
B. about the same as my regular schoolwork	56	6	13	20	44	16	36	3	7	845	55	14	42	33	11	844	59	15	53	22	10	848
C. easier than my regular schoolwork	8	0	0	0	0	5	83	1	17	832	8	0	0	100	0	837	13	21	51	18	10	850
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	49	4	10	19	48	11	28	6	15	843	50	9	47	26	18	843	40	15	51	22	12	847
B. I tried about the same as I do on my regular schoolwork.	50	8	20	17	41	14	34	2	5	847	49	21	39	33	6	847	55	17	53	21	10	848
C. I did not try as hard on this test as I do on my regular schoolwork.	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	5	12	41	25	22	843
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	18	1	7	10	71	3	21	0	0	850	20	8	77	15	0	851	25	11	53	23	13	846
B. the course(s) described in A, plus chemistry	34	4	15	12	44	8	30	3	11	844	32	14	38	29	19	842	24	18	53	20	10	849
C. the course(s) described in B, plus physics	20	5	31	5	31	4	25	2	13	849	21	29	29	36	7	849	22	30	47	14	8	853
D. a life science and physical science class	29	2	9	9	39	9	39	3	13	841	27	11	39	33	17	842	29	8	52	27	14	844
How do you feel about the following statement? ***"My knowledge of science and technology will be useful to me as an adult."***																						
A. strongly agree	30	7	29	11	46	4	17	2	8	851	25	29	41	12	18	849	27	23	51	17	9	851
B. agree	59	5	10	23	48	14	29	6	13	844	63	12	48	29	12	845	54	15	53	21	11	847
C. disagree	9	0	0	2	29	5	71	0	0	840	9	0	33	67	0	841	15	10	50	26	14	845
D. strongly disagree	2	0	0	1	50	1	50	0	0	844	3	0	50	50	0	844	4	7	39	30	24	841
How well does the following statement reflect your future goals? ***"I am interested in a career related to science, technology, engineering, or mathematics."***																						
A. strongly agree	35	7	24	16	55	4	14	2	7	851	37	24	52	12	12	849	25	24	52	15	8	851
B. agree	39	4	13	10	31	14	44	4	13	841	38	12	31	46	12	842	37	15	50	22	12	847
C. disagree	18	1	7	6	40	6	40	2	13	842	16	9	36	36	18	842	26	12	53	23	12	846
D. strongly disagree	7	0	0	5	83	1	17	0	0	849	9	0	83	17	0	849	12	8	48	28	15	844
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	2	100	0	0	837	100	0	0	100	0	838						
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