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:	12571761
SAU:	MSAD 63
School:	Holbrook 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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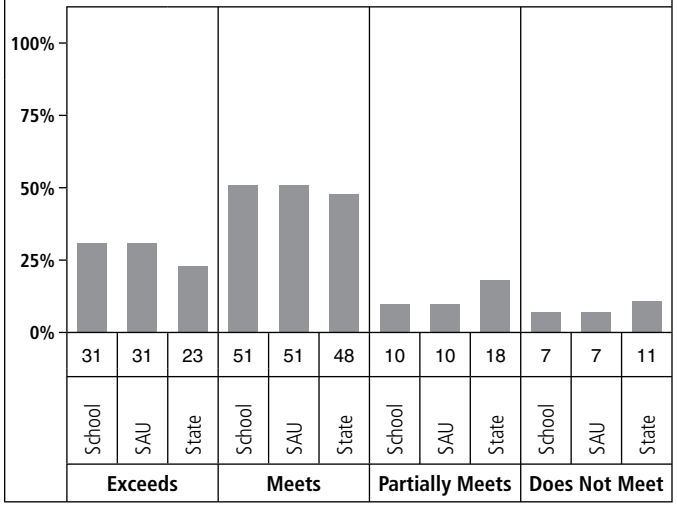
SUMMARY OF SCORES

Test Date:	March 2008
Grade:	8
SAU:	MSAD 63
School:	Holbrook School

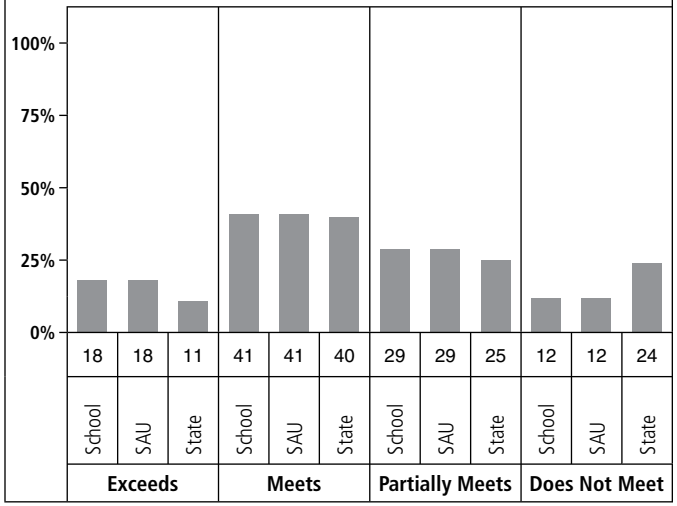
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	848	848	845
2006–2007	850	849	847
2007–2008	**854**	**854**	**849**
Cum. Avg.*	851	850	847
Mathematics			
2005–2006	844	843	840
2006–2007	846	845	842
2007–2008	**846**	**846**	**841**
Cum. Avg.*	845	845	841
Science & Technology			
2005–2006	855	855	846
2006–2007	850	849	847
2007–2008	**852**	**852**	**847**
Cum. Avg.*	852	852	847

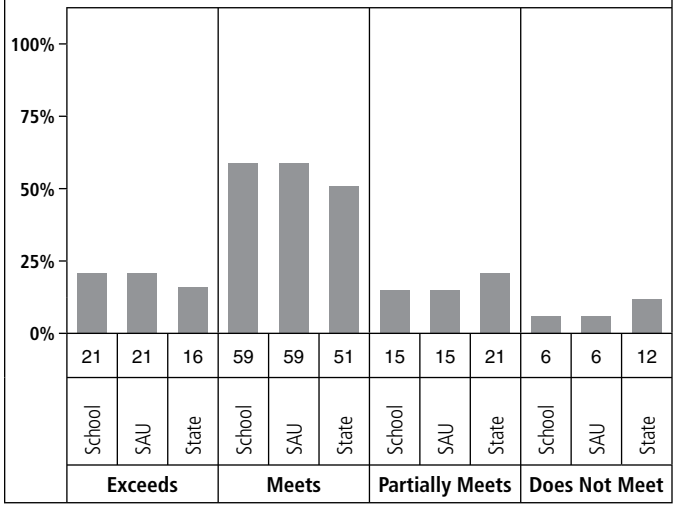
ELA – READING

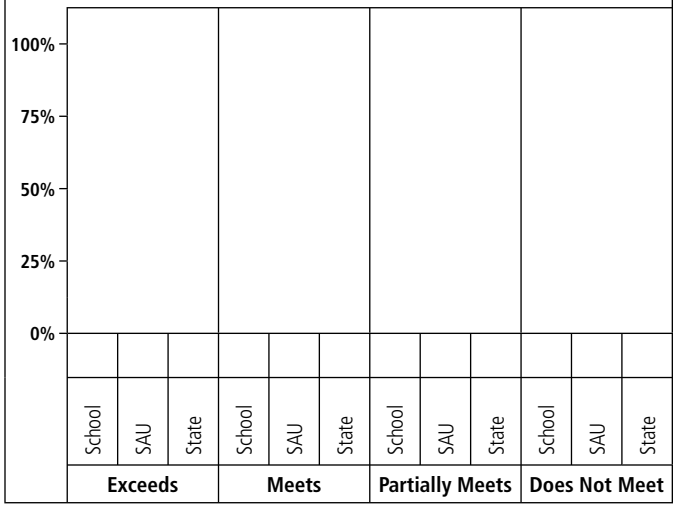


MATHEMATICS



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: MSAD 63
School: Holbrook 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	70	100	71	100	15274	100	68	99	69	99	15102	99	68	99	69	99	15097	99	68	99	69	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	1	1	1	1	120	1	1	100	1	100	117	98	1	100	1	100	117	98	1	100	1	100	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	0	0	0	0	139	1	0	0	0	0	136	98	0	0	0	0	136	98	0	0	0	0	136	98						
Caucasian/White	68	97	69	97	14461	95	66	99	67	99	14312	99	66	99	67	99	14302	99	66	99	67	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	13	19	14	20	2508	16	12	100	13	100	2446	98	12	100	13	100	2441	98	12	100	13	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	13	19	14	20	5420	35	13	100	14	100	5329	99	13	100	14	100	5324	99	13	100	14	100	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	58	83	58	82	12703	83	58	83	58	82	12694	83	58	83	58	82	12710	83						
Identified disability (PET/IEP)	2	3	2	3	437	3	2	3	2	3	421	3	2	3	2	3	445	4						
LEP	0	0	0	0	172	1	0	0	0	0	172	1	0	0	0	0	173	1						
504 plan	0	0	0	0	229	2	0	0	0	0	231	2	0	0	0	0	230	2						
Participation with accommodations	10	14	10	14	2221	15	10	14	10	14	2227	15	10	14	10	14	2197	14						
Identified disability (PET/IEP)	10	100	10	100	1832	82	10	100	10	100	1844	83	10	100	10	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	1	1	177	1	0	0	1	1	176	1	0	0	1	1	173	1						
Identified disability (PET/IEP)	0	0	1	100	177	100	0	0	1	100	176	100	0	0	1	100	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	1	1	1	1	32	0	1	1	1	1	34	0	1	1	1	1	34	0						
Non-participation – other	1	1	1	1	140	1	1	1	1	1	143	1	1	1	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:	MSAD 63
School:	Holbrook 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	19	27	19	26	2695	17
	2006-2007	7	10	7	9	2407	16
	2007-2008	**21**	**31**	**21**	**31**	**3428**	**23**
	Cum. Total*	47	22	47	22	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	21	30	22	31	6830	42
	2006-2007	47	64	47	64	7494	49
	2007-2008	**35**	**51**	**35**	**51**	**7179**	**48**
	Cum. Total*	103	49	104	49	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	20	28	20	28	3741	23
	2006-2007	16	22	16	22	3628	24
	2007-2008	**7**	**10**	**7**	**10**	**2706**	**18**
	Cum. Total*	43	20	43	20	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	11	15	11	15	3003	18
	2006-2007	3	4	4	5	1810	12
	2007-2008	**5**	**7**	**5**	**7**	**1611**	**11**
	Cum. Total*	19	9	20	9	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**	39.8	71.1	39.8	71.1	36.9	65.9
Literary Text	**28**	**50**	19.6	70.0	19.6	70.0	18.3	65.4
Informational Text	**28**	**50**	20.2	72.1	20.2	72.1	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: MSAD 63
School: Holbrook 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	68	21	31	35	51	7	10	5	7	854	68	31	51	10	7	854	14924	23	48	18	11	849
Ethnicity																						
African American/Black	1										1						348	11	38	22	29	840
American Indian or Native Alaskan	1										1						117	9	43	29	19	842
Asian or Pacific Islander	0										0						179	32	39	18	11	852
Hispanic	0										0						131	18	38	27	17	846
Caucasian/White	66	21	32	34	52	6	9	5	8	854	66	32	52	9	8	854	14149	23	49	18	10	850
Not Reported	0										0						0					
Identified disability																						
Yes	12	0	0	2	17	5	42	5	42	834	12	0	17	42	42	834	2269	3	24	32	42	833
No	56	21	38	33	59	2	4	0	0	859	56	38	59	4	0	859	12655	27	52	16	5	852
Current LEP																						
Yes	0										0						308	8	30	27	34	837
No	68	21	31	35	51	7	10	5	7	854	68	31	51	10	7	854	14616	23	48	18	10	850
Economically disadvantaged																						
Yes	13	0	0	8	62	2	15	3	23	844	13	0	62	15	23	844	5222	12	44	25	19	843
No	55	21	38	27	49	5	9	2	4	857	55	38	49	9	4	857	9702	29	50	14	7	853
Migrant																						
Yes	0										0						7	0	86	0	14	850
No	68	21	31	35	51	7	10	5	7	854	68	31	51	10	7	854	14917	23	48	18	11	849
Gender																						
Female	33	18	55	13	39	2	6	0	0	862	33	55	39	6	0	862	7198	30	48	15	7	853
Male	35	3	9	22	63	5	14	5	14	847	35	9	63	14	14	847	7726	17	49	21	14	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						807	9	41	32	18	842
No	68	21	31	35	51	7	10	5	7	854	68	31	51	10	7	854	14117	24	49	17	10	850
Gifted/talented program																						
Yes	7	5	71	2	29	0	0	0	0	865	7	71	29	0	0	865	592	71	28	1	0	867
No	61	16	26	33	54	7	11	5	8	853	61	26	54	11	8	853	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: MSAD 63
School: Holbrook 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	4	2	67	1	33	0	0	0	0	867	4	67	33	0	0	867	9	10	39	24	26	841
B. less than one hour	41	7	25	14	50	3	11	4	14	851	41	25	50	11	14	851	46	20	50	20	11	849
C. one to two hours	46	12	39	16	52	2	6	1	3	857	46	39	52	6	3	857	41	28	49	15	7	852
D. more than two hours	9	0	0	4	67	2	33	0	0	849	9	0	67	33	0	849	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.	41	14	50	12	43	1	4	1	4	861	41	50	43	4	4	861	33	31	48	14	7	853
B. They match some of what I have learned.	53	7	19	19	53	6	17	4	11	849	53	19	53	17	11	849	53	21	51	19	9	849
C. They match just a little of what I have learned.	3	0	0	2	100	0	0	0	0	854	3	0	100	0	0	854	11	14	41	25	20	844
D. There is no match.	3	0	0	2	100	0	0	0	0	853	3	0	100	0	0	853	3	6	34	26	35	836
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	34	13	57	6	26	3	13	1	4	860	34	57	26	13	4	860	31	42	44	8	6	857
B. good	49	7	21	22	67	2	6	2	6	854	49	21	67	6	6	854	49	19	54	19	9	849
C. fair	12	0	0	5	63	1	13	2	25	842	12	0	63	13	25	842	18	5	42	31	22	840
D. poor	6	1	25	2	50	1	25	0	0	852	6	25	50	25	0	852	2	4	29	32	34	835
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	10	2	29	4	57	1	14	0	0	858	10	29	57	14	0	858	15	16	44	22	18	845
B. about the same as my regular schoolwork	73	15	31	26	53	3	6	5	10	854	73	31	53	6	10	854	65	23	49	18	9	850
C. easier than my regular schoolwork	16	4	36	5	45	2	18	0	0	856	16	36	45	18	0	856	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.	9	0	0	3	50	1	17	2	33	843	9	0	50	17	33	843	9	8	33	28	31	838
B. Most of the passages were about the same as what I normally read.	63	12	28	25	58	3	7	3	7	854	63	28	58	7	7	854	53	17	51	21	11	848
C. Most of the passages were easier than what I normally read.	28	9	47	7	37	3	16	0	0	858	28	47	37	16	0	858	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.	63	13	31	23	55	4	10	2	5	854	63	31	55	10	5	854	43	23	48	19	10	849
B. I tried about the same as I do on my regular schoolwork.	36	8	33	11	46	2	8	3	13	855	36	33	46	8	13	855	51	25	49	17	9	851
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	856	1	0	100	0	0	856	6	9	43	24	23	842
How much time do you spend reading at home each day?																						
A. more than one hour	21	4	29	6	43	3	21	1	7	852	21	29	43	21	7	852	18	31	47	13	9	852
B. 20 minutes to an hour	43	13	45	13	45	1	3	2	7	857	43	45	45	3	7	857	41	28	49	15	7	852
C. less than 20 minutes	13	3	33	4	44	0	0	2	22	852	13	33	44	0	22	852	13	20	49	18	12	848
D. I rarely read at home.	24	1	6	12	75	3	19	0	0	851	24	6	75	19	0	851	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	57	16	41	19	49	3	8	1	3	858	57	41	49	8	3	858	43	31	48	14	7	853
B. agree	40	4	15	15	56	4	15	4	15	848	40	15	56	15	15	848	48	18	50	20	12	848
C. disagree	3	1	50	1	50	0	0	0	0	861	3	50	50	0	0	861	6	11	43	24	21	843
D. strongly disagree	0										0						2	6	36	32	26	839
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	100	0	0	0	0	0	0	1	100	824	100	0	0	0	100	824						
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:	MSAD 63
School:	Holbrook 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	15	21	15	21	1714	11
	2006-2007	11	15	11	15	1952	13
	2007-2008	**12**	**18**	**12**	**18**	**1657**	**11**
	Cum. Total*	38	18	38	18	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	20	28	20	28	5533	34
	2006-2007	36	49	36	49	5870	38
	2007-2008	**28**	**41**	**28**	**41**	**5956**	**40**
	Cum. Total*	84	40	84	39	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	22	31	22	31	4764	29
	2006-2007	13	18	13	18	3982	26
	2007-2008	**20**	**29**	**20**	**29**	**3729**	**25**
	Cum. Total*	55	26	55	26	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	14	20	15	21	4251	26
	2006-2007	13	18	14	19	3534	23
	2007-2008	**8**	**12**	**8**	**12**	**3579**	**24**
	Cum. Total*	35	17	37	17	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**	9.4	58.8	9.4	58.8	8.4	52.5
Cluster 2: Shape and Size	**14**	**25**	6.5	46.4	6.5	46.4	5.9	42.1
Cluster 3: Mathematical Decision Making	**8**	**14**	5.0	62.5	5.0	62.5	4.6	57.5
Cluster 4: Patterns	**18**	**32**	9.9	55.0	9.9	55.0	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: MSAD 63
School: Holbrook 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	68	12	18	28	41	20	29	8	12	846	68	18	41	29	12	846	14921	11	40	25	24	841
Ethnicity																						
African American/Black	1										1						352	2	23	23	52	828
American Indian or Native Alaskan	1										1						117	5	22	33	39	832
Asian or Pacific Islander	0										0						181	24	42	20	14	848
Hispanic	0										0						131	7	34	26	33	836
Caucasian/White	66	12	18	28	42	19	29	7	11	846	66	18	42	29	11	846	14140	11	41	25	23	841
Not Reported	0										0						0					
Identified disability																						
Yes	12	0	0	2	17	4	33	6	50	828	12	0	17	33	50	828	2265	1	14	22	62	824
No	56	12	21	26	46	16	29	2	4	850	56	21	46	29	4	850	12656	13	45	26	17	844
Current LEP																						
Yes	0										0						315	5	24	20	51	828
No	68	12	18	28	41	20	29	8	12	846	68	18	41	29	12	846	14606	11	40	25	23	841
Economically disadvantaged																						
Yes	13	1	8	4	31	5	38	3	23	837	13	8	31	38	23	837	5217	5	30	29	37	834
No	55	11	20	24	44	15	27	5	9	848	55	20	44	27	9	848	9704	15	45	23	17	845
Migrant																						
Yes	0										0						7	0	43	43	14	838
No	68	12	18	28	41	20	29	8	12	846	68	18	41	29	12	846	14914	11	40	25	24	841
Gender																						
Female	33	8	24	15	45	9	27	1	3	850	33	24	45	27	3	850	7199	11	40	26	23	841
Male	35	4	11	13	37	11	31	7	20	842	35	11	37	31	20	842	7722	11	40	24	25	841
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						806	3	20	30	47	831
No	68	12	18	28	41	20	29	8	12	846	68	18	41	29	12	846	14115	12	41	25	23	842
Gifted/talented program																						
Yes	7	5	71	2	29	0	0	0	0	867	7	71	29	0	0	867	592	58	39	2	1	864
No	61	7	11	26	43	20	33	8	13	844	61	11	43	33	13	844	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: MSAD 63
School: Holbrook 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	4	0	0	3	100	0	0	0	0	854	4	0	100	0	0	854	9	5	30	23	41	833
B. less than one hour	41	4	14	10	36	10	36	4	14	843	41	14	36	36	14	843	46	10	40	26	25	840
C. one to two hours	46	8	26	12	39	8	26	3	10	848	46	26	39	26	10	848	41	14	42	25	19	843
D. more than two hours	9	0	0	3	50	2	33	1	17	841	9	0	50	33	17	841	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.	43	10	34	14	48	4	14	1	3	856	43	34	48	14	3	856	30	17	43	22	18	845
B. They match some of what I have learned.	32	2	9	8	36	9	41	3	14	841	32	9	36	41	14	841	50	10	42	26	22	841
C. They match just a little of what I have learned.	19	0	0	5	38	4	31	4	31	835	19	0	38	31	31	835	17	6	32	29	33	836
D. There is no match.	6	0	0	1	25	3	75	0	0	834	6	0	25	75	0	834	4	3	18	25	54	828
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	37	8	32	9	36	6	24	2	8	852	37	32	36	24	8	852	26	29	46	14	11	851
B. good	44	2	7	15	50	8	27	5	17	842	44	7	50	27	17	842	45	7	46	27	20	841
C. fair	16	1	9	4	36	6	55	0	0	845	16	9	36	55	0	845	23	1	26	34	38	833
D. poor	3	1	50	0	0	0	0	1	50	843	3	50	0	0	50	843	5	1	14	29	57	827
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	43	2	7	12	41	9	31	6	21	840	43	7	41	31	21	840	34	4	35	28	32	836
B. about the same as my regular schoolwork	40	2	7	12	44	11	41	2	7	844	40	7	44	41	7	844	52	10	43	26	21	842
C. easier than my regular schoolwork	18	8	67	4	33	0	0	0	0	866	18	67	33	0	0	866	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.	63	7	17	19	45	11	26	5	12	846	63	17	45	26	12	846	44	10	40	26	25	840
B. I tried about the same as I do on my regular schoolwork.	31	5	24	8	38	6	29	2	10	848	31	24	38	29	10	848	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	0	0	3	75	1	25	831	6	0	0	75	25	831	6	9	27	27	38	835
How often do you use laptops in mathematics class?																						
A. almost every day	3	0	0	1	50	1	50	0	0	841	3	0	50	50	0	841	9	6	38	27	29	837
B. two or three days a week	4	1	33	1	33	0	0	1	33	846	4	33	33	0	33	846	16	8	38	27	27	839
C. two or three times each month	37	4	16	6	24	8	32	7	28	840	37	16	24	32	28	840	28	12	41	27	21	843
D. never or almost never	56	7	18	20	53	11	29	0	0	850	56	18	53	29	0	850	48	13	40	23	24	842
How often do you use calculators in mathematics class?																						
A. almost every day	10	3	43	1	14	1	14	2	29	847	10	43	14	14	29	847	38	14	42	23	21	843
B. two or three times a week	32	6	27	4	18	7	32	5	23	843	32	27	18	32	23	843	33	10	41	26	23	841
C. two or three times each month	29	2	10	10	50	8	40	0	0	848	29	10	50	40	0	848	18	10	36	27	27	840
D. never or almost never	28	1	5	13	68	4	21	1	5	846	28	5	68	21	5	846	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	69	9	20	17	37	15	33	5	11	846	69	20	37	33	11	846	54	14	44	23	18	844
B. agree	25	2	12	8	47	4	24	3	18	843	25	12	47	24	18	843	38	8	36	27	28	838
C. disagree	6	1	25	3	75	0	0	0	0	855	6	25	75	0	0	855	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.	0										0											
C.	100	0	0	0	0	1	100	0	0	834	100	0	0	100	0	834						
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:	MSAD 63
School:	Holbrook 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	24	34	24	33	1879	12
	2006-2007	10	14	10	14	2192	14
	2007-2008	**14**	**21**	**14**	**21**	**2371**	**16**
	Cum. Total*	48	23	48	22	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	33	46	34	47	8604	53
	2006-2007	44	60	44	59	7916	52
	2007-2008	**40**	**59**	**40**	**59**	**7630**	**51**
	Cum. Total*	117	55	118	55	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	9	13	9	13	3618	22
	2006-2007	15	21	15	20	3340	22
	2007-2008	**10**	**15**	**10**	**15**	**3175**	**21**
	Cum. Total*	34	16	34	16	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	5	7	5	7	2174	13
	2006-2007	4	5	5	7	1865	12
	2007-2008	**4**	**6**	**4**	**6**	**1731**	**12**
	Cum. Total*	13	6	14	7	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**	8.4	60.0	8.4	60.0	8.1	57.9
Cluster 2: Physical Sciences	**14**	**25**	8.3	59.3	8.3	59.3	7.3	52.1
Cluster 3: Earth and Space Sciences	**14**	**25**	8.5	60.7	8.5	60.7	7.7	55.0
Cluster 4: Nature and Implications of Science	**14**	**25**	9.5	67.9	9.5	67.9	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: MSAD 63
School: Holbrook 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	68	14	21	40	59	10	15	4	6	852	68	21	59	15	6	852	14907	16	51	21	12	847
Ethnicity																						
African American/Black	1										1						349	4	35	26	34	837
American Indian or Native Alaskan	1										1						117	8	40	28	24	840
Asian or Pacific Islander	0										0						181	20	50	15	15	849
Hispanic	0										0						131	5	50	22	23	842
Caucasian/White	66	14	21	40	61	9	14	3	5	853	66	21	61	14	5	853	14129	16	52	21	11	848
Not Reported	0										0						0					
Identified disability																						
Yes	12	0	0	5	42	4	33	3	25	839	12	0	42	33	25	839	2258	3	29	31	37	836
No	56	14	25	35	63	6	11	1	2	855	56	25	63	11	2	855	12649	18	55	20	7	850
Current LEP																						
Yes	0										0						315	4	29	25	42	834
No	68	14	21	40	59	10	15	4	6	852	68	21	59	15	6	852	14592	16	52	21	11	848
Economically disadvantaged																						
Yes	13	1	8	8	62	2	15	2	15	847	13	8	62	15	15	847	5206	8	45	28	20	842
No	55	13	24	32	58	8	15	2	4	853	55	24	58	15	4	853	9701	20	55	18	7	850
Migrant																						
Yes	0										0						7	29	57	14	0	852
No	68	14	21	40	59	10	15	4	6	852	68	21	59	15	6	852	14900	16	51	21	12	847
Gender																						
Female	33	8	24	19	58	6	18	0	0	854	33	24	58	18	0	854	7196	14	52	23	12	847
Male	35	6	17	21	60	4	11	4	11	850	35	17	60	11	11	850	7711	18	51	20	12	848
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						804	6	38	34	22	841
No	68	14	21	40	59	10	15	4	6	852	68	21	59	15	6	852	14103	16	52	21	11	848
Gifted/talented program																						
Yes	7	2	29	5	71	0	0	0	0	861	7	29	71	0	0	861	592	63	35	1	0	865
No	61	12	20	35	57	10	16	4	7	851	61	20	57	16	7	851	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: MSAD 63
School: Holbrook 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	4	1	33	2	67	0	0	0	0	863	4	33	67	0	0	863	9	10	40	26	23	842
B. less than one hour	41	4	14	18	64	3	11	3	11	850	41	14	64	11	11	850	46	14	52	22	12	847
C. one to two hours	46	8	26	17	55	6	19	0	0	853	46	26	55	19	0	853	41	19	53	19	9	849
D. more than two hours	9	1	17	3	50	1	17	1	17	847	9	17	50	17	17	847	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.	37	7	28	14	56	2	8	2	8	854	37	28	56	8	8	854	29	19	54	19	9	849
B. They match some of what I have learned.	50	7	21	20	59	5	15	2	6	851	50	21	59	15	6	851	49	16	51	22	11	848
C. They match just a little of what I have learned.	12	0	0	5	63	3	38	0	0	846	12	0	63	38	0	846	18	13	51	23	13	846
D. There is no match.	1	0	0	1	100	0	0	0	0	846	1	0	100	0	0	846	5	9	39	29	23	842
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	36	9	38	14	58	1	4	0	0	860	36	38	58	4	0	860	23	28	51	13	8	853
B. good	54	5	14	22	61	6	17	3	8	849	54	14	61	17	8	849	54	15	55	21	9	848
C. fair	9	0	0	4	67	2	33	0	0	844	9	0	67	33	0	844	20	5	45	32	18	842
D. poor	1	0	0	0	0	1	100	0	0	834	1	0	0	100	0	834	3	2	35	34	29	838
How difficult was the science part of this test?																						
A. harder than my regular schoolwork	28	1	5	14	74	3	16	1	5	848	28	5	74	16	5	848	27	15	49	22	14	846
B. about the same as my regular schoolwork	56	9	24	21	55	6	16	2	5	852	56	24	55	16	5	852	59	15	53	22	10	848
C. easier than my regular schoolwork	16	4	36	5	45	1	9	1	9	857	16	36	45	9	9	857	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.	60	6	15	25	61	8	20	2	5	850	60	15	61	20	5	850	40	15	51	22	12	847
B. I tried about the same as I do on my regular schoolwork.	38	7	27	15	58	2	8	2	8	854	38	27	58	8	8	854	55	17	53	21	10	848
C. I did not try as hard on this test as I do on my regular schoolwork.	1	1	100	0	0	0	0	0	0	880	1	100	0	0	0	880	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	21	2	14	8	57	1	7	3	21	846	21	14	57	7	21	846	25	11	53	23	13	846
B. the course(s) described in A, plus chemistry	21	5	36	8	57	1	7	0	0	858	21	36	57	7	0	858	24	18	53	20	10	849
C. the course(s) described in B, plus physics	25	5	29	11	65	1	6	0	0	856	25	29	65	6	0	856	22	30	47	14	8	853
D. a life science and physical science class	34	2	9	13	57	7	30	1	4	848	34	9	57	30	4	848	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	34	8	35	10	43	4	17	1	4	854	34	35	43	17	4	854	27	23	51	17	9	851
B. agree	57	6	16	24	63	5	13	3	8	851	57	16	63	13	8	851	54	15	53	21	11	847
C. disagree	6	0	0	4	100	0	0	0	0	851	6	0	100	0	0	851	15	10	50	26	14	845
D. strongly disagree	3	0	0	1	50	1	50	0	0	841	3	0	50	50	0	841	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	32	7	32	13	59	2	9	0	0	857	32	32	59	9	0	857	25	24	52	15	8	851
B. agree	41	6	21	14	50	6	21	2	7	851	41	21	50	21	7	851	37	15	50	22	12	847
C. disagree	19	1	8	8	62	2	15	2	15	846	19	8	62	15	15	846	26	12	53	23	12	846
D. strongly disagree	7	0	0	5	100	0	0	0	0	850	7	0	100	0	0	850	12	8	48	28	15	844
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	100	0	0	0	0	0	0	1	100	830	100	0	0	0	100	830						
D.	0										0											

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