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 8

Test Date:	March 2009
Code:	12481709
SAU:	MSAD 54
School:	Skowhegan Area 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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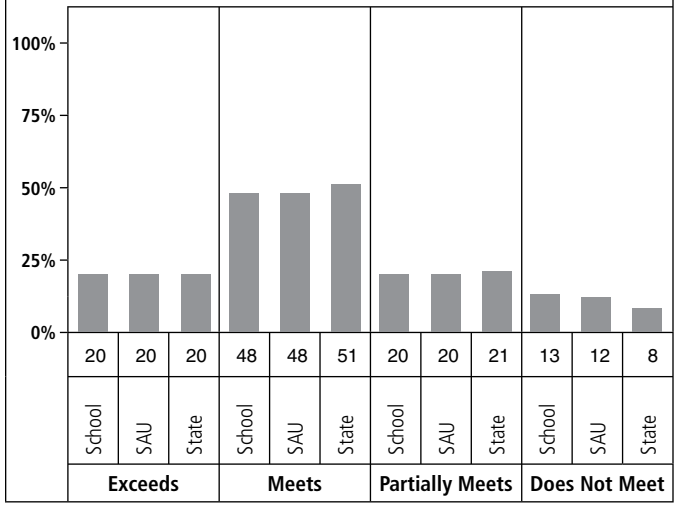
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 54
School: Skowhegan Area Middle School

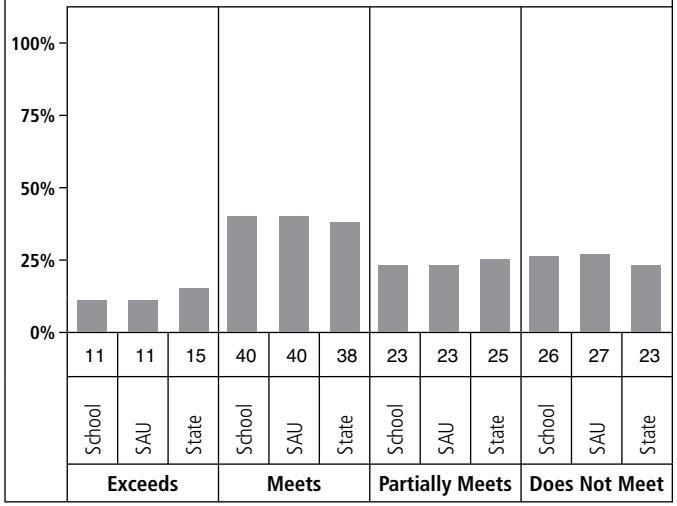
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	838	838	847
2007–2008	846	846	849
2008–2009	**849**	**849**	**850**
Cum. Avg.*	844	844	849
Mathematics			
2006–2007	835	835	842
2007–2008	836	836	841
2008–2009	**841**	**841**	**843**
Cum. Avg.*	837	837	842
Science			
2008-2009 **	**841**	**841**	**846**

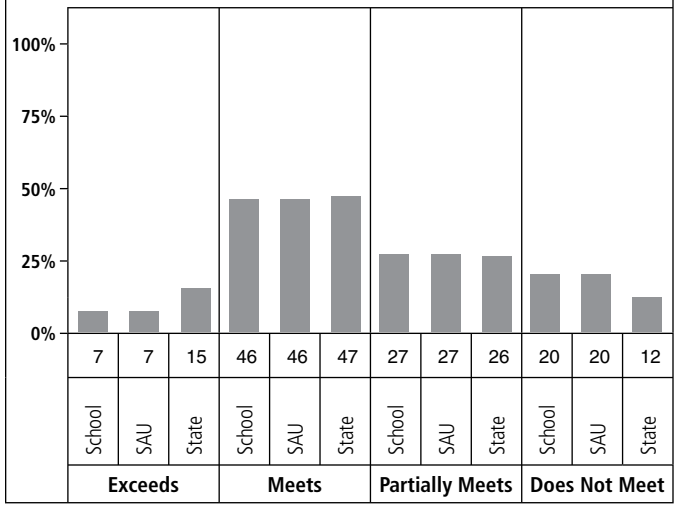
ELA – READING



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 standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: MSAD 54
School: Skowhegan Area Middle School

CATEGORY OF PARTICIPATION	Enrollment[1] during testing window						CONTENT AREA PARTICIPATION[2]																	
							ELA–Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	217	100	218	100	14804	100	213	98	214	98	14659	99	211	97	212	97	14653	99	210	97	211	97	14626	99
Ethnicity African American/Black	0	0	0	0	377	3	0	0	0	0	366	97	0	0	0	0	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	2	1	2	1	238	2	2	100	2	100	232	97	2	100	2	100	234	98	2	100	2	100	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	215	99	216	99	13878	94	211	98	212	98	13756	99	209	97	210	97	13742	99	208	97	209	97	13719	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	44	20	45	21	2489	17	43	98	44	98	2434	99	41	93	42	93	2424	98	41	93	42	93	2418	98
Current LEP	2	1	2	1	349	2	2	100	2	100	331	95	2	100	2	100	342	98	2	100	2	100	338	97
Economically disadvantaged	119	55	120	55	5460	37	115	97	116	97	5380	99	113	95	114	95	5377	99	112	94	113	94	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	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	169	78	170	78	12132	82	169	78	170	78	12124	82	168	77	169	78	12169	82
Identified disability (PET/IEP)	2	1	3	2	379	3	2	1	3	2	380	3	2	1	3	2	425	3
LEP	2	1	2	1	166	1	2	1	2	1	169	1	2	1	2	1	168	1
504 plan	2	1	2	1	200	2	2	1	2	1	200	2	2	1	2	1	202	2
Participation with accommodations	39	18	39	18	2349	16	37	17	37	17	2347	16	37	17	37	17	2288	15
Identified disability (PET/IEP)	36	92	36	92	1877	80	34	92	34	92	1862	79	34	92	34	92	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	2	5	2	5	70	3	2	5	2	5	70	3	2	5	2	5	66	3
Other	1	3	1	3	292	12	1	3	1	3	297	13	1	3	1	3	280	12
Participation through alternate assessment (PAAP)	5	2	5	2	178	1	5	2	5	2	182	1	5	2	5	2	169	1
Identified disability (PET/IEP)	5	100	5	100	178	100	5	100	5	100	182	100	5	100	5	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
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	32	0	0	0	0	0	34	0	0	0	0	0	38	0
Non-participation – other	4	2	4	2	113	1	6	3	6	3	117	1	7	3	7	3	140	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 2009
Grade:	8
SAU:	MSAD 54
School:	Skowhegan Area Middle School

ACHIEVEMENT LEVEL DEFINITIONS

The quality of a student's work at each achievement level reflects progress in attaining Maine's *Learning Results: Parameters for Essential Instruction* in English language arts – reading.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	7	3	7	3	2407	16
	2007-2008	29	13	29	13	3428	23
	2008-2009	**41**	**20**	**41**	**20**	**2857**	**20**
	Cum. Total*	77	12	77	12	8692	19
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 842–860)	2006-2007	79	37	79	37	7494	49
	2007-2008	109	51	109	51	7179	48
	2008-2009	**100**	**48**	**100**	**48**	**7431**	**51**
	Cum. Total*	288	45	288	45	22104	49
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 830–840)	2006-2007	80	38	80	38	3628	24
	2007-2008	48	22	48	22	2706	18
	2008-2009	**41**	**20**	**42**	**20**	**2979**	**21**
	Cum. Total*	169	27	170	27	9313	21
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)	2006-2007	47	22	47	22	1810	12
	2007-2008	29	13	29	13	1611	11
	2008-2009	**26**	**13**	**26**	**12**	**1214**	**8**
	Cum. Total*	102	16	102	16	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	**56**	**100**	35.1	62.7	35.0	62.5	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	**20**	**36**	12.1	60.5	12.0	60.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	**36**	**64**	23.0	63.9	23.0	63.9	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. 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: 8
SAU: MSAD 54
School: Skowhegan Area 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	208	41	20	100	48	41	20	26	13	849	209	20	48	20	12	849	14481	20	51	21	8	850
Ethnicity																						
African American/Black	0										0						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	2										2						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	206	41	20	98	48	41	20	26	13	849	207	20	47	20	13	849	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	38	0	0	5	13	15	39	18	47	831	39	0	13	41	46	831	2256	2	25	40	34	834
No	170	41	24	95	56	26	15	8	5	853	170	24	56	15	5	853	12225	23	56	17	4	853
Current LEP																						
Yes	2										2						324	5	34	36	26	838
No	206	41	20	98	48	41	20	26	13	849	207	20	47	20	13	849	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	111	19	17	43	39	28	25	21	19	846	112	17	38	26	19	846	5277	10	46	29	15	844
No	97	22	23	57	59	13	13	5	5	853	97	23	59	13	5	853	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	208	41	20	100	48	41	20	26	13	849	209	20	48	20	12	849	14476	20	51	21	8	850
Gender																						
Female	109	24	22	53	49	24	22	8	7	851	109	22	49	22	7	851	7074	25	51	18	6	852
Male	99	17	17	47	47	17	17	18	18	848	100	17	47	18	18	847	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	16	0	0	6	38	5	31	5	31	837	16	0	38	31	31	837	857	9	43	35	14	843
No	192	41	21	94	49	36	19	21	11	850	193	21	49	19	11	850	13624	20	52	20	8	850
Gifted/talented program																						
Yes	23	14	61	9	39	0	0	0	0	863	23	61	39	0	0	863	700	69	30	1	0	867
No	185	27	15	91	49	41	22	26	14	847	186	15	49	23	14	847	13781	17	52	22	9	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 2009
Grade: 8
SAU: MSAD 54
School: Skowhegan Area 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	6	2	17	3	25	3	25	4	33	839	6	17	25	25	33	839	8	8	39	29	24	841
B. less than one hour	61	24	19	64	51	23	18	14	11	850	61	19	51	18	11	850	51	17	53	22	8	849
C. one to two hours	32	15	23	32	48	13	20	6	9	852	32	23	48	20	9	852	36	24	52	18	5	852
D. more than two hours	1	0	0	1	50	1	50	0	0	843	1	0	50	50	0	843	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	37	30	39	32	42	10	13	4	5	856	37	39	42	13	5	856	31	35	50	11	4	856
B. good	41	10	12	46	55	17	20	10	12	849	41	12	55	20	12	849	47	16	55	21	7	849
C. fair	21	1	2	21	50	12	29	8	19	842	21	2	50	29	19	842	18	5	47	33	15	842
D. poor	1	0	0	1	33	0	0	2	67	825	1	0	33	0	67	825	3	2	39	37	22	839
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.	37	20	26	39	51	10	13	7	9	853	37	26	51	13	9	853	32	27	54	14	5	853
B. They match some of what I have learned.	51	18	17	52	50	22	21	13	12	848	51	17	50	21	12	848	52	18	53	22	8	850
C. They match just a little of what I have learned.	9	2	11	9	50	5	28	2	11	847	9	11	50	28	11	847	12	11	45	29	15	844
D. There is no match.	2	1	20	0	0	2	40	2	40	839	2	20	0	40	40	839	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	18	4	11	14	38	8	22	11	30	841	18	11	38	22	30	841	15	13	42	28	17	844
B. about the same as my regular schoolwork	65	27	20	67	51	26	20	12	9	851	65	20	51	20	9	851	64	19	53	20	7	850
C. easier than my regular schoolwork	16	10	30	19	58	4	12	0	0	856	16	30	58	12	0	856	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	14	2	7	9	32	5	18	12	43	837	14	7	32	18	43	837	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	52	20	19	51	48	25	24	10	9	850	52	19	48	24	9	850	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	34	19	28	39	57	8	12	2	3	855	34	28	57	12	3	855	40	30	53	13	4	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.	43	19	22	43	49	20	23	6	7	850	43	22	49	23	7	850	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	48	19	20	52	54	13	13	13	13	851	48	20	54	13	13	851	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	9	2	11	5	28	7	39	4	22	839	9	11	28	39	22	839	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	19	9	24	20	53	7	18	2	5	851	19	24	53	18	5	851	19	26	53	15	6	853
B. 20 minutes to an hour	40	18	22	43	52	12	15	9	11	851	40	22	52	15	11	851	40	25	52	17	6	852
C. less than 20 minutes	14	6	21	14	48	5	17	4	14	850	14	21	48	17	14	850	15	18	51	21	10	849
D. I rarely read at home.	27	8	14	23	41	16	29	9	16	847	27	14	41	29	16	847	26	7	50	30	13	844
How do you feel about the following statement? "My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	38	27	35	31	40	9	12	10	13	852	38	35	40	12	13	852	42	27	51	15	6	853
B. agree	57	13	11	64	55	29	25	11	9	848	57	11	55	25	9	848	50	15	53	23	9	848
C. disagree	4	1	11	5	56	2	22	1	11	848	4	11	56	22	11	848	7	8	46	32	14	843
D. strongly disagree	1	0	0	0	0	0	0	2	100	821	1	0	0	0	100	821	2	6	39	35	21	840
Optional school/SAU question																						
A.	43	0	0	1	33	0	0	2	67	834	43	0	33	0	67	834						
B.	29	0	0	0	0	1	50	1	50	833	29	0	0	50	50	833						
C.	14	0	0	0	0	1	100	0	0	830	14	0	0	100	0	830						
D.	14	0	0	0	0	1	100	0	0	838	14	0	0	100	0	838						

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:	8
SAU:	MSAD 54
School:	Skowhegan Area Middle School

ACHIEVEMENT LEVEL DEFINITIONS

The quality of a student's work at each achievement level reflects progress in attaining Maine's *Learning Results: Parameters for Essential Instruction* in mathematics.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	9	4	9	4	1952	13
	2007-2008	16	7	16	7	1657	11
	2008-2009	**22**	**11**	**22**	**11**	**2116**	**15**
	Cum. Total*	47	7	47	7	5725	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 842–860)	2006-2007	63	30	63	30	5870	38
	2007-2008	67	31	67	31	5956	40
	2008-2009	**82**	**40**	**82**	**40**	**5443**	**38**
	Cum. Total*	212	33	212	33	17269	39
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 830–840)	2006-2007	61	29	61	29	3982	26
	2007-2008	61	28	61	28	3729	25
	2008-2009	**48**	**23**	**48**	**23**	**3556**	**25**
	Cum. Total*	170	27	170	27	11267	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 800–828)	2006-2007	80	38	80	38	3534	23
	2007-2008	71	33	71	33	3579	24
	2008-2009	**54**	**26**	**55**	**27**	**3356**	**23**
	Cum. Total*	205	32	206	32	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	**56**	**100**	27.6	49.3	27.5	49.1	28.6	51.1
A. Number	**8**	**14**	4.1	51.3	4.1	51.3	3.7	46.3
B. Data	**16**	**29**	8.4	52.5	8.4	52.5	8.9	55.6
C. Geometry	**12**	**21**	4.8	40.0	4.7	39.2	5.0	41.7
D. Algebra	**20**	**36**	10.3	51.5	10.3	51.5	10.9	54.5

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: 8
SAU: MSAD 54
School: Skowhegan Area 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	206	22	11	82	40	48	23	54	26	841	207	11	40	23	27	841	14471	15	38	25	23	843
Ethnicity																						
African American/Black	0										0						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	2										2						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	204	22	11	80	39	48	24	54	26	841	205	11	39	23	27	841	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	36	0	0	3	8	9	25	24	67	823	37	0	8	24	68	822	2242	2	12	22	63	824
No	170	22	13	79	46	39	23	30	18	845	170	13	46	23	18	845	12229	17	42	25	16	846
Current LEP																						
Yes	2										2						336	6	18	26	51	829
No	204	22	11	80	39	48	24	54	26	841	205	11	39	23	27	841	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	109	5	5	36	33	29	27	39	36	836	110	5	33	26	36	835	5270	6	30	28	36	835
No	97	17	18	46	47	19	20	15	15	847	97	18	47	20	15	847	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	206	22	11	82	40	48	23	54	26	841	207	11	40	23	27	841	14466	15	38	25	23	843
Gender																						
Female	109	14	13	42	39	24	22	29	27	842	109	13	39	22	27	842	7070	15	39	25	22	843
Male	97	8	8	40	41	24	25	25	26	840	98	8	41	24	27	840	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	16	0	0	3	19	3	19	10	63	825	16	0	19	19	63	825	857	5	25	33	37	835
No	190	22	12	79	42	45	24	44	23	842	191	12	41	24	24	842	13614	15	38	24	22	843
Gifted/talented program																						
Yes	23	10	43	13	57	0	0	0	0	860	23	43	57	0	0	860	700	68	27	3	1	866
No	183	12	7	69	38	48	26	54	30	839	184	7	38	26	30	838	13771	12	38	26	24	841

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: 8
SAU: MSAD 54
School: Skowhegan Area 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	6	0	0	3	25	2	17	7	58	827	6	0	25	17	58	827	8	8	24	24	44	833
B. less than one hour	61	14	11	48	38	31	25	32	26	841	61	11	38	25	26	841	51	12	38	26	23	842
C. one to two hours	32	8	12	31	47	13	20	14	21	844	32	12	47	20	21	844	36	19	40	23	19	845
D. more than two hours	1	0	0	0	0	2	100	0	0	837	1	0	0	100	0	837	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	34	17	25	33	49	10	15	8	12	850	34	25	49	15	12	850	28	33	41	15	11	852
B. good	40	5	6	38	48	18	23	18	23	842	40	6	48	23	23	842	45	11	43	25	21	842
C. fair	19	0	0	8	22	13	35	16	43	831	19	0	22	35	43	831	21	3	27	35	35	834
D. poor	8	0	0	2	13	5	31	9	56	827	8	0	13	31	56	827	5	2	14	30	54	828
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.	33	12	18	28	41	12	18	16	24	843	33	18	41	18	24	843	28	23	41	21	15	848
B. They match some of what I have learned.	51	9	9	45	43	30	29	20	19	843	51	9	43	29	19	843	52	13	40	25	21	843
C. They match just a little of what I have learned.	13	0	0	9	35	5	19	12	46	832	13	0	35	19	46	832	16	8	28	30	34	836
D. There is no match.	3	1	14	0	0	1	14	5	71	826	3	14	0	14	71	826	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	29	0	0	23	38	11	18	26	43	834	29	0	38	18	43	834	32	6	34	29	32	837
B. about the same as my regular schoolwork	59	13	11	52	43	32	26	24	20	843	59	11	43	26	20	843	52	13	41	25	20	843
C. easier than my regular schoolwork	12	9	38	7	29	5	21	3	13	849	12	38	29	21	13	849	16	39	35	13	13	853
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.	41	8	10	28	34	23	28	24	29	840	41	10	34	28	29	840	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	53	14	13	50	47	22	21	21	20	844	53	13	47	21	20	844	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	6	0	0	4	31	2	15	7	54	830	6	0	31	15	54	830	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	18	10	28	17	47	4	11	5	14	851	18	28	47	11	14	851	34	18	40	22	20	845
B. two or three days a week	18	4	11	9	24	14	38	10	27	838	18	11	24	38	27	838	35	14	38	26	21	843
C. two or three times each month	32	8	12	27	42	16	25	14	22	842	32	12	42	25	22	842	18	12	37	27	24	841
D. never or almost never	33	0	0	29	43	14	21	24	36	836	33	0	43	21	36	836	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	15	2	6	13	42	9	29	7	23	840	15	6	42	29	23	840	9	13	38	23	26	841
B. two or three days a week	24	8	16	16	33	8	16	17	35	840	24	16	33	16	35	840	17	11	37	26	26	841
C. two or three times each month	23	6	13	16	33	15	31	11	23	842	23	13	33	31	23	842	28	15	40	25	20	844
D. never or almost never	38	6	8	37	48	16	21	18	23	842	38	8	48	21	23	842	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	56	17	15	55	48	18	16	24	21	845	56	15	48	16	21	845	52	19	41	22	18	846
B. agree	38	5	6	24	31	25	32	23	30	838	38	6	31	32	30	838	39	11	35	27	27	840
C. disagree	3	0	0	2	29	2	29	3	43	828	3	0	29	29	43	828	6	7	28	26	39	835
D. strongly disagree	3	0	0	1	17	2	33	3	50	830	3	0	17	33	50	830	3	4	25	28	43	832
Optional school/SAU question																						
A.	43	0	0	1	33	0	0	2	67	821	43	0	33	0	67	821						
B.	29	0	0	0	0	1	50	1	50	825	29	0	0	50	50	825						
C.	14	0	0	0	0	1	100	0	0	840	14	0	0	100	0	840						
D.	14	0	0	1	100	0	0	0	0	848	14	0	100	0	0	848						

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:	8
SAU:	MSAD 54
School:	Skowhegan Area Middle School

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's *Learning Results: Parameters for Essential Instruction* in science.		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	14	7	14	7	2155	15
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 842–860)	2008-2009*	95	46	95	46	6687	47
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 828–840)	2008-2009*	56	27	56	27	3672	26
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 800–826)	2008-2009*	40	20	41	20	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	**56**	**100**	28.9	51.6	28.8	51.4	32.0	57.1
D. The Physical Setting	**31**	**55**	15.5	50.0	15.5	50.0	17.1	55.2
D1/D2 Earth/Space	**17**	**30**	8.3	48.8	8.3	48.8	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	**14**	**25**	7.2	51.4	7.2	51.4	7.7	55.0
E. The Living Environment	**25**	**45**	13.4	53.6	13.3	53.2	14.9	59.6

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

*Because Science standards were reset in May 2009, no historical data are available.

SCIENCE RESULTS
(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 54
School: Skowhegan Area 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	205	14	7	95	46	56	27	40	20	841	206	7	46	27	20	841	14263	15	47	26	12	846
Ethnicity																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	2										2						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	203	14	7	93	46	56	28	40	20	841	204	7	46	27	20	841	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	36	0	0	5	14	10	28	21	58	825	37	0	14	27	59	825	2221	3	22	36	38	832
No	169	14	8	90	53	46	27	19	11	844	169	8	53	27	11	844	12042	17	51	24	7	848
Current LEP																						
Yes	2										2						331	4	20	39	37	832
No	203	14	7	93	46	56	28	40	20	841	204	7	46	27	20	841	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	108	5	5	39	36	35	32	29	27	837	109	5	36	32	28	837	5184	6	40	33	21	840
No	97	9	9	56	58	21	22	11	11	845	97	9	58	22	11	845	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	205	14	7	95	46	56	27	40	20	841	206	7	46	27	20	841	14258	15	47	26	12	846
Gender																						
Female	109	6	6	51	47	32	29	20	18	840	109	6	47	29	18	840	6953	14	47	28	11	846
Male	96	8	8	44	46	24	25	20	21	842	97	8	45	25	22	841	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	16	0	0	3	19	4	25	9	56	825	16	0	19	25	56	825	828	5	35	40	20	839
No	189	14	7	92	49	52	28	31	16	842	190	7	48	27	17	842	13435	16	48	25	12	846
Gifted/talented program																						
Yes	23	8	35	14	61	1	4	0	0	860	23	35	61	4	0	860	699	65	34	2	0	865
No	182	6	3	81	45	55	30	40	22	839	183	3	44	30	22	839	13564	13	48	27	13	845

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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: 8
SAU: MSAD 54
School: Skowhegan Area 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	6	0	0	3	25	3	25	6	50	827	6	0	25	25	50	827	8	8	34	28	30	837
B. less than one hour	61	9	7	58	46	34	27	24	19	841	61	7	46	27	19	841	51	14	48	27	11	846
C. one to two hours	32	5	8	33	50	18	27	10	15	843	32	8	50	27	15	843	36	19	48	24	9	848
D. more than two hours	1	0	0	1	50	1	50	0	0	846	1	0	50	50	0	846	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	21	7	16	24	56	7	16	5	12	848	21	16	56	16	12	848	23	27	47	17	8	851
B. good	49	6	6	43	43	33	33	18	18	841	49	6	43	33	18	841	53	15	50	26	10	847
C. fair	25	1	2	24	46	13	25	14	27	838	25	2	46	25	27	838	20	4	43	35	18	840
D. poor	5	0	0	4	40	3	30	3	30	835	5	0	40	30	30	835	4	4	27	34	35	834
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.	20	4	10	14	35	14	35	8	20	841	20	10	35	35	20	841	26	20	49	23	9	849
B. They match some of what I have learned.	50	3	3	56	54	23	22	21	20	841	50	3	54	22	20	841	51	14	48	26	11	846
C. They match just a little of what I have learned.	25	7	14	24	47	13	25	7	14	844	25	14	47	25	14	844	18	13	44	28	15	844
D. There is no match.	5	0	0	1	9	6	55	4	36	828	5	0	9	55	36	828	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	43	6	7	45	51	23	26	14	16	842	43	7	51	26	16	842	32	13	45	28	14	844
B. about the same as my regular schoolwork	48	7	7	44	45	25	26	21	22	841	48	7	45	26	22	841	56	15	49	25	11	847
C. easier than my regular schoolwork	9	1	6	6	33	7	39	4	22	839	9	6	33	39	22	839	11	21	43	22	13	847
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.	36	4	6	35	49	15	21	18	25	840	36	6	49	21	25	840	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	56	9	8	55	50	33	30	14	13	843	56	8	50	30	13	843	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	8	1	7	3	20	4	27	7	47	832	8	7	20	27	47	832	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	16	1	3	15	45	7	21	10	30	838	16	3	45	21	30	838	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	16	3	9	15	45	6	18	9	27	840	16	9	45	18	27	840	23	17	49	22	12	847
C. the course(s) described in B, plus physics	14	6	21	14	48	5	17	4	14	849	14	21	48	17	14	849	21	31	44	17	7	852
D. a life science and physical science class	53	4	4	50	46	38	35	17	16	840	53	4	46	35	16	840	30	7	46	32	14	842
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	27	5	9	31	55	13	23	7	13	844	27	9	55	23	13	844	27	23	47	20	10	849
B. agree	35	3	4	38	54	16	23	14	20	842	35	4	54	23	20	842	37	14	47	27	12	846
C. disagree	27	5	9	19	34	20	36	12	21	839	27	9	34	36	21	839	25	11	48	29	12	845
D. strongly disagree	11	1	5	7	32	7	32	7	32	836	11	5	32	32	32	836	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	28	8	14	30	52	10	17	10	17	845	28	14	52	17	17	845	31	22	46	22	10	849
B. agree	48	4	4	44	45	28	29	22	22	839	48	4	45	29	22	839	50	14	49	26	11	846
C. disagree	16	2	6	17	53	9	28	4	13	842	16	6	53	28	13	842	14	9	45	31	15	843
D. strongly disagree	8	0	0	4	25	9	56	3	19	836	8	0	25	56	19	836	5	3	38	34	25	837
Optional school/SAU question																						
A.	43	1	33	0	0	0	0	2	67	831	43	33	0	0	67	831						
B.	29	0	0	0	0	0	0	2	100	816	29	0	0	0	100	816						
C.	14	0	0	0	0	1	100	0	0	838	14	0	0	100	0	838						
D.	14	0	0	0	0	1	100	0	0	840	14	0	0	100	0	840						

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