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:	12451875
SAU:	MSAD 51
School:	Greely 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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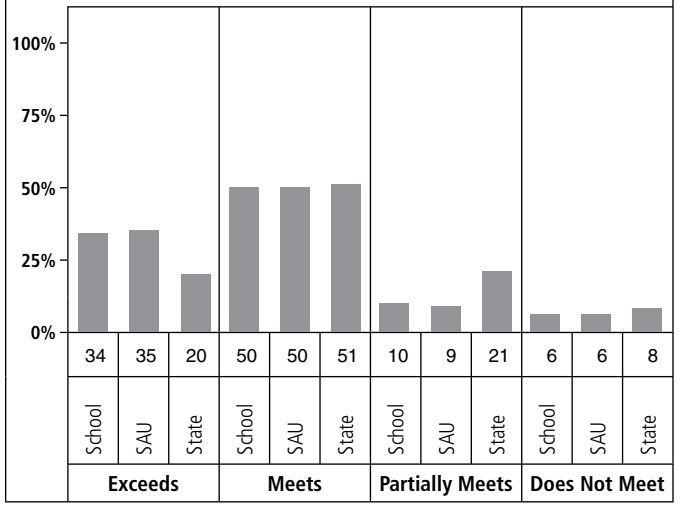
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 51
School: Greely Middle School

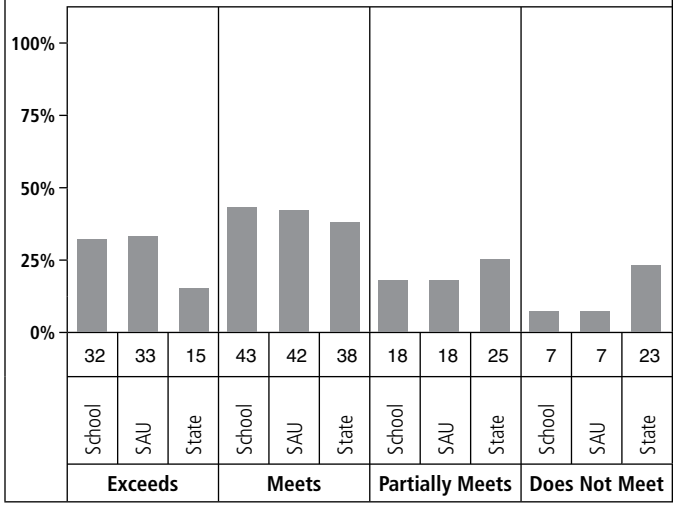
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	856	856	847
2007–2008	859	859	849
2008–2009	**856**	**856**	**850**
Cum. Avg.*	857	857	849
Mathematics			
2006–2007	853	853	842
2007–2008	853	852	841
2008–2009	**853**	**853**	**843**
Cum. Avg.*	853	853	842
Science			
2008-2009 **	**854**	**854**	**846**

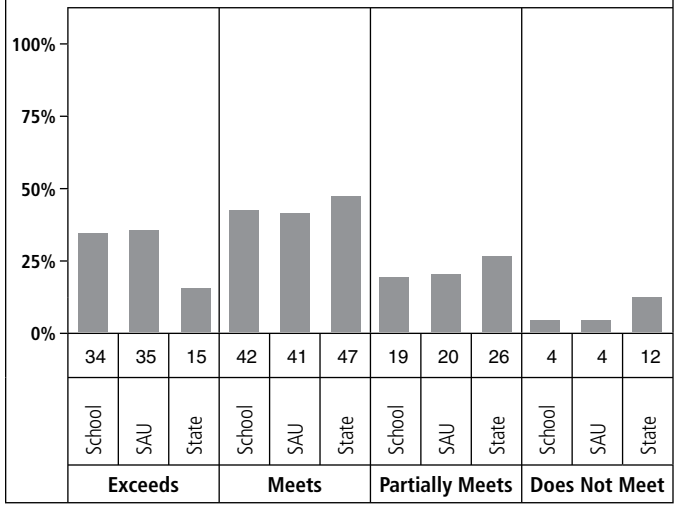
ELA – READING



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 51
School: Greely 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	200	100	191	100	14804	100	198	100	189	100	14659	99	198	100	189	100	14653	99	198	100	189	100	14626	99
Ethnicity African American/Black	2	1	2	1	377	3	2	100	2	100	366	97	2	100	2	100	371	98	2	100	2	100	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	1	1	1	1	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	1	1	1	1	192	1	1	100	1	100	188	98	1	100	1	100	191	100	1	100	1	100	190	99
Caucasian/White	196	98	187	98	13878	94	194	100	185	100	13756	99	194	100	185	100	13742	99	194	100	185	100	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	28	14	27	14	2489	17	26	100	25	100	2434	99	26	100	25	100	2424	98	26	100	25	100	2418	98
Current LEP	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
Economically disadvantaged	15	8	13	7	5460	37	15	100	13	100	5380	99	15	100	13	100	5377	99	15	100	13	100	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	171	86	163	85	12132	82	171	86	163	85	12124	82	171	86	163	85	12169	82
Identified disability (PET/IEP)	4	2	4	2	379	3	4	2	4	2	380	3	4	2	4	2	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	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	23	12	22	12	2349	16	23	12	22	12	2347	16	24	12	23	12	2288	15
Identified disability (PET/IEP)	18	78	17	77	1877	80	18	78	17	77	1862	79	19	79	18	78	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	1	4	1	5	70	3	1	4	1	5	70	3	1	4	1	4	66	3
Other	4	17	4	18	292	12	4	17	4	18	297	13	4	17	4	17	280	12
Participation through alternate assessment (PAAP)	4	2	4	2	178	1	4	2	4	2	182	1	3	2	3	2	169	1
Identified disability (PET/IEP)	4	100	4	100	178	100	4	100	4	100	182	100	3	100	3	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	2	1	2	1	32	0	2	1	2	1	34	0	2	1	2	1	38	0
Non-participation – other	0	0	0	0	113	1	0	0	0	0	117	1	0	0	0	0	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 51
School: Greely 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	60	34	60	34	2407	16
	2007-2008	88	50	87	49	3428	23
	2008-2009	**66**	**34**	**64**	**35**	**2857**	**20**
	Cum. Total*	214	39	211	39	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	91	51	91	51	7494	49
	2007-2008	66	37	67	38	7179	48
	2008-2009	**97**	**50**	**93**	**50**	**7431**	**51**
	Cum. Total*	254	46	251	46	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	24	13	24	13	3628	24
	2007-2008	14	8	14	8	2706	18
	2008-2009	**20**	**10**	**17**	**9**	**2979**	**21**
	Cum. Total*	58	11	55	10	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	4	2	4	2	1810	12
	2007-2008	9	5	9	5	1611	11
	2008-2009	**11**	**6**	**11**	**6**	**1214**	**8**
	Cum. Total*	24	4	24	4	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**	39.4	70.4	39.5	70.5	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	**20**	**36**	13.7	68.5	13.7	68.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	**36**	**64**	25.7	71.4	25.8	71.7	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 51
School: Greely 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	194	66	34	97	50	20	10	11	6	856	185	35	50	9	6	856	14481	20	51	21	8	850
Ethnicity																						
African American/Black	2										2						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	1										1						231	28	43	19	10	851
Hispanic	1										1						186	17	48	23	12	847
Caucasian/White	190	66	35	94	49	19	10	11	6	856	181	35	50	9	6	856	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	22	1	5	6	27	8	36	7	32	837	21	5	29	33	33	837	2256	2	25	40	34	834
No	172	65	38	91	53	12	7	4	2	858	164	38	53	6	2	858	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	194	66	34	97	50	20	10	11	6	856	185	35	50	9	6	856	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	12	0	0	4	33	3	25	5	42	835	10	0	40	10	50	835	5277	10	46	29	15	844
No	182	66	36	93	51	17	9	6	3	857	175	37	51	9	3	857	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	194	66	34	97	50	20	10	11	6	856	185	35	50	9	6	856	14476	20	51	21	8	850
Gender																						
Female	100	42	42	46	46	7	7	5	5	858	96	43	46	6	5	858	7074	25	51	18	6	852
Male	94	24	26	51	54	13	14	6	6	853	89	26	55	12	7	854	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	194	66	34	97	50	20	10	11	6	856	185	35	50	9	6	856	13624	20	52	20	8	850
Gifted/talented program																						
Yes	14	14	100	0	0	0	0	0	0	874	14	100	0	0	0	874	700	69	30	1	0	867
No	180	52	29	97	54	20	11	11	6	854	171	29	54	10	6	854	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 51
School: Greely 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	3	1	20	3	60	1	20	0	0	858	2	25	75	0	0	862	8	8	39	29	24	841
B. less than one hour	32	14	23	33	54	8	13	6	10	852	31	25	54	11	11	852	51	17	53	22	8	849
C. one to two hours	55	43	40	50	47	10	9	4	4	857	56	40	47	10	4	857	36	24	52	18	5	852
D. more than two hours	10	8	40	10	50	1	5	1	5	861	11	40	50	5	5	861	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	26	31	62	13	26	4	8	2	4	862	26	63	27	6	4	863	31	35	50	11	4	856
B. good	54	33	31	59	56	7	7	6	6	856	54	32	57	5	6	856	47	16	55	21	7	849
C. fair	17	1	3	21	64	9	27	2	6	846	17	3	63	28	6	845	18	5	47	33	15	842
D. poor	3	0	0	4	80	0	0	1	20	843	3	0	80	0	20	843	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.	25	21	43	26	53	1	2	1	2	860	25	43	53	2	2	860	32	27	54	14	5	853
B. They match some of what I have learned.	60	40	34	54	46	15	13	8	7	855	59	35	46	11	7	855	52	18	53	22	8	850
C. They match just a little of what I have learned.	14	5	19	17	63	4	15	1	4	853	15	19	63	15	4	853	12	11	45	29	15	844
D. There is no match.	1	0	0	0	0	0	0	1	100	826	1	0	0	0	100	826	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	12	4	17	12	52	4	17	3	13	849	12	18	55	14	14	850	15	13	42	28	17	844
B. about the same as my regular schoolwork	60	38	33	58	50	13	11	7	6	855	60	33	51	10	6	855	64	19	53	20	7	850
C. easier than my regular schoolwork	28	23	43	26	49	3	6	1	2	860	28	45	47	6	2	860	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.	8	3	20	4	27	4	27	4	27	843	7	23	23	23	31	842	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	48	26	28	52	56	10	11	5	5	854	49	27	57	10	6	854	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	44	36	43	40	48	6	7	2	2	860	44	44	47	6	2	860	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.	30	22	38	26	45	8	14	2	3	856	30	40	44	13	4	856	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	67	43	33	67	52	12	9	8	6	856	67	33	52	8	6	856	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	3	1	17	4	67	0	0	1	17	850	3	17	67	0	17	850	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	15	13	43	12	40	1	3	4	13	856	15	46	36	4	14	856	19	26	53	15	6	853
B. 20 minutes to an hour	51	44	45	44	45	9	9	1	1	859	50	45	46	8	1	860	40	25	52	17	6	852
C. less than 20 minutes	22	6	14	24	56	9	21	4	9	849	23	14	57	19	10	850	15	18	51	21	10	849
D. I rarely read at home.	12	3	13	17	74	1	4	2	9	852	12	14	73	5	9	852	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	44	34	40	41	48	7	8	3	4	857	43	41	49	6	4	857	42	27	51	15	6	853
B. agree	46	28	31	43	48	12	13	7	8	854	48	32	48	13	8	854	50	15	53	23	9	848
C. disagree	7	4	29	8	57	1	7	1	7	856	7	31	54	8	8	856	7	8	46	32	14	843
D. strongly disagree	3	0	0	5	100	0	0	0	0	855	3	0	100	0	0	855	2	6	39	35	21	840
Optional school/SAU question																						
A.	25	0	0	0	0	1	100	0	0	840	25	0	0	100	0	840						
B.	75	0	0	2	67	0	0	1	33	843	75	0	67	0	33	843						
C.	0										0											
D.	0										0											

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

MATHEMATICS RESULTS

Test Date:	March 2009
Grade:	8
SAU:	MSAD 51
School:	Greely 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	50	28	50	28	1952	13
	2007-2008	54	31	53	30	1657	11
	2008-2009	**62**	**32**	**61**	**33**	**2116**	**15**
	Cum. Total*	166	30	164	30	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	90	50	90	50	5870	38
	2007-2008	83	47	83	47	5956	40
	2008-2009	**83**	**43**	**78**	**42**	**5443**	**38**
	Cum. Total*	256	47	251	46	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	29	16	29	16	3982	26
	2007-2008	27	15	28	16	3729	25
	2008-2009	**35**	**18**	**33**	**18**	**3556**	**25**
	Cum. Total*	91	17	90	17	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	10	6	10	6	3534	23
	2007-2008	13	7	13	7	3579	24
	2008-2009	**14**	**7**	**13**	**7**	**3356**	**23**
	Cum. Total*	37	7	36	7	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**	35.0	62.5	35.1	62.7	28.6	51.1
A. Number	**8**	**14**	4.2	52.5	4.3	53.8	3.7	46.3
B. Data	**16**	**29**	11.0	68.8	11.0	68.8	8.9	55.6
C. Geometry	**12**	**21**	6.3	52.5	6.3	52.5	5.0	41.7
D. Algebra	**20**	**36**	13.5	67.5	13.5	67.5	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 51
School: Greely 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	194	62	32	83	43	35	18	14	7	853	185	33	42	18	7	853	14471	15	38	25	23	843
Ethnicity																						
African American/Black	2										2						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	1										1						233	27	33	20	21	847
Hispanic	1										1						190	8	31	26	34	836
Caucasian/White	190	62	33	80	42	35	18	13	7	853	181	34	41	18	7	853	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	22	1	5	2	9	11	50	8	36	832	21	5	10	48	38	832	2242	2	12	22	63	824
No	172	61	35	81	47	24	14	6	3	855	164	37	46	14	3	856	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	194	62	32	83	43	35	18	14	7	853	185	33	42	18	7	853	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	12	0	0	1	8	8	67	3	25	832	10	0	10	70	20	833	5270	6	30	28	36	835
No	182	62	34	82	45	27	15	11	6	854	175	35	44	15	6	854	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	194	62	32	83	43	35	18	14	7	853	185	33	42	18	7	853	14466	15	38	25	23	843
Gender																						
Female	100	36	36	40	40	18	18	6	6	853	96	36	40	19	5	854	7070	15	39	25	22	843
Male	94	26	28	43	46	17	18	8	9	852	89	29	45	17	9	852	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	5	25	33	37	835
No	194	62	32	83	43	35	18	14	7	853	185	33	42	18	7	853	13614	15	38	24	22	843
Gifted/talented program																						
Yes	14	13	93	1	7	0	0	0	0	875	14	93	7	0	0	875	700	68	27	3	1	866
No	180	49	27	82	46	35	19	14	8	851	171	28	45	19	8	851	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 51
School: Greely 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	3	1	20	3	60	1	20	0	0	852	2	25	75	0	0	857	8	8	24	24	44	833
B. less than one hour	32	11	18	27	44	16	26	7	11	848	31	19	44	26	11	848	51	12	38	26	23	842
C. one to two hours	55	39	36	47	44	16	15	5	5	855	56	37	43	16	5	854	36	19	40	23	19	845
D. more than two hours	10	11	55	5	25	2	10	2	10	858	11	55	25	10	10	858	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	39	43	57	28	37	4	5	1	1	862	40	58	36	5	1	862	28	33	41	15	11	852
B. good	46	17	19	43	49	20	23	8	9	848	45	20	49	22	8	849	45	11	43	25	21	842
C. fair	14	2	7	11	41	11	41	3	11	843	14	8	38	42	12	843	21	3	27	35	35	834
D. poor	1	0	0	0	0	0	0	2	100	811	1	0	0	0	100	811	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.	31	31	52	18	30	10	17	1	2	859	31	53	28	17	2	859	28	23	41	21	15	848
B. They match some of what I have learned.	50	26	27	46	47	16	16	9	9	851	50	27	48	15	10	851	52	13	40	25	21	843
C. They match just a little of what I have learned.	17	4	12	17	52	9	27	3	9	848	17	13	52	29	6	849	16	8	28	30	34	836
D. There is no match.	2	1	25	2	50	0	0	1	25	846	2	25	50	0	25	846	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	24	4	9	21	46	14	30	7	15	844	24	9	48	30	14	845	32	6	34	29	32	837
B. about the same as my regular schoolwork	52	31	31	44	44	19	19	6	6	852	52	32	43	19	6	852	52	13	41	25	20	843
C. easier than my regular schoolwork	24	26	58	17	38	2	4	0	0	863	24	60	35	5	0	864	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.	26	14	28	23	46	8	16	5	10	851	26	28	47	15	11	851	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	70	46	34	55	41	25	19	8	6	853	70	36	40	19	5	854	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	4	2	29	3	43	2	29	0	0	855	4	29	43	29	0	855	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	27	8	15	31	60	8	15	5	10	848	26	15	60	17	8	848	34	18	40	22	20	845
B. two or three days a week	40	16	21	35	45	20	26	6	8	849	40	22	45	26	8	849	35	14	38	26	21	843
C. two or three times each month	14	14	50	8	29	4	14	2	7	856	15	50	29	14	7	856	18	12	37	27	24	841
D. never or almost never	19	24	65	9	24	3	8	1	3	864	19	69	23	6	3	865	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	2	0	0	2	67	1	33	0	0	848	1	0	100	0	0	854	9	13	38	23	26	841
B. two or three days a week	3	1	20	1	20	3	60	0	0	846	3	20	20	60	0	846	17	11	37	26	26	841
C. two or three times each month	11	7	33	12	57	1	5	1	5	854	11	35	55	5	5	854	28	15	40	25	20	844
D. never or almost never	85	54	33	68	41	30	18	13	8	853	85	34	41	18	8	853	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	55	43	41	43	41	15	14	5	5	855	54	42	40	14	4	855	52	19	41	22	18	846
B. agree	38	18	25	33	45	17	23	5	7	851	39	25	44	24	7	851	39	11	35	27	27	840
C. disagree	5	1	10	4	40	2	20	3	30	844	4	13	38	13	38	844	6	7	28	26	39	835
D. strongly disagree	3	0	0	3	60	1	20	1	20	838	3	0	60	20	20	838	3	4	25	28	43	832
Optional school/SAU question																						
A.	25	0	0	0	0	1	100	0	0	836	25	0	0	100	0	836						
B.	75	0	0	2	67	0	0	1	33	843	75	0	67	0	33	843						
C.	0										0											
D.	0										0											

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

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 51
School: Greely 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*	67	34	65	35	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*	82	42	76	41	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*	38	19	37	20	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*	8	4	8	4	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	36.9	65.9	36.9	65.9	32.0	57.1
D. The Physical Setting	31	55	19.5	62.9	19.4	62.6	17.1	55.2
D1/D2 Earth/Space	17	30	11.1	65.3	11.1	65.3	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	8.3	59.3	8.3	59.3	7.7	55.0
E. The Living Environment	25	45	17.4	69.6	17.5	70.0	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 51
School: Greely 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	195	67	34	82	42	38	19	8	4	854	186	35	41	20	4	854	14263	15	47	26	12	846
Ethnicity																						
African American/Black	2										2						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	1										1						230	20	44	23	13	848
Hispanic	1										1						184	9	45	29	16	842
Caucasian/White	191	66	35	82	43	35	18	8	4	854	182	35	42	19	4	854	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	23	3	13	3	13	12	52	5	22	835	22	14	14	50	23	835	2221	3	22	36	38	832
No	172	64	37	79	46	26	15	3	2	856	164	38	45	16	2	856	12042	17	51	24	7	848
Current LEP																						
Yes	0										0						331	4	20	39	37	832
No	195	67	34	82	42	38	19	8	4	854	186	35	41	20	4	854	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	13	0	0	4	31	6	46	3	23	832	11	0	27	45	27	831	5184	6	40	33	21	840
No	182	67	37	78	43	32	18	5	3	855	175	37	42	18	3	855	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	195	67	34	82	42	38	19	8	4	854	186	35	41	20	4	854	14258	15	47	26	12	846
Gender																						
Female	101	31	31	45	45	20	20	5	5	853	97	32	42	21	5	853	6953	14	47	28	11	846
Male	94	36	38	37	39	18	19	3	3	854	89	38	39	19	3	854	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	195	67	34	82	42	38	19	8	4	854	186	35	41	20	4	854	13435	16	48	25	12	846
Gifted/talented program																						
Yes	14	14	100	0	0	0	0	0	0	875	14	100	0	0	0	875	699	65	34	2	0	865
No	181	53	29	82	45	38	21	8	4	852	172	30	44	22	5	852	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 51
School: Greely 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	3	1	20	4	80	0	0	0	0	855	2	25	75	0	0	858	8	8	34	28	30	837
B. less than one hour	31	15	25	28	46	16	26	2	3	851	31	25	46	26	4	851	51	14	48	27	11	846
C. one to two hours	56	42	39	42	39	19	18	5	5	855	56	39	38	18	5	855	36	19	48	24	9	848
D. more than two hours	10	9	45	7	35	3	15	1	5	857	11	45	35	15	5	857	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	23	24	53	17	38	1	2	3	7	861	24	53	38	2	7	861	23	27	47	17	8	851
B. good	59	42	36	49	42	21	18	4	3	854	59	37	41	18	4	854	53	15	50	26	10	847
C. fair	15	0	0	15	50	14	47	1	3	842	16	0	48	48	3	842	20	4	43	35	18	840
D. poor	2	1	25	1	25	2	50	0	0	852	2	33	0	67	0	851	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.	21	19	48	16	40	5	13	0	0	859	20	50	37	13	0	860	26	20	49	23	9	849
B. They match some of what I have learned.	57	37	33	45	40	25	22	5	4	853	58	33	39	23	5	853	51	14	48	26	11	846
C. They match just a little of what I have learned.	19	10	26	20	53	7	18	1	3	854	19	28	53	17	3	854	18	13	44	28	15	844
D. There is no match.	3	1	20	1	20	1	20	2	40	836	3	20	20	20	40	836	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	31	22	37	22	37	15	25	1	2	855	32	37	36	25	2	855	32	13	45	28	14	844
B. about the same as my regular schoolwork	58	32	28	54	48	22	19	5	4	853	57	28	46	21	5	853	56	15	49	25	11	847
C. easier than my regular schoolwork	11	13	62	6	29	1	5	1	5	859	11	65	30	0	5	860	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.	28	20	37	19	35	12	22	3	6	854	28	37	33	24	6	854	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	66	43	34	57	45	25	20	3	2	854	66	34	43	20	2	854	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	6	4	36	5	45	1	9	1	9	851	6	36	45	9	9	851	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	27	11	21	26	50	12	23	3	6	849	27	22	47	24	6	849	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	23	20	44	19	42	6	13	0	0	858	24	43	43	14	0	858	23	17	49	22	12	847
C. the course(s) described in B, plus physics	22	21	50	15	36	6	14	0	0	860	21	51	36	13	0	861	21	31	44	17	7	852
D. a life science and physical science class	28	14	26	22	41	13	24	5	9	849	28	27	38	25	10	849	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	24	22	48	17	37	5	11	2	4	858	24	50	36	9	5	859	27	23	47	20	10	849
B. agree	38	26	35	26	35	19	26	3	4	853	38	34	35	27	4	852	37	14	47	27	12	846
C. disagree	29	14	25	31	55	9	16	2	4	853	28	26	53	17	4	853	25	11	48	29	12	845
D. strongly disagree	10	5	26	8	42	5	26	1	5	851	10	28	39	28	6	851	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	29	20	35	28	49	7	12	2	4	856	28	35	50	12	4	856	31	22	46	22	10	849
B. agree	54	40	38	43	41	21	20	2	2	855	55	39	39	20	2	855	50	14	49	26	11	846
C. disagree	15	7	24	10	34	9	31	3	10	847	15	25	32	32	11	847	14	9	45	31	15	843
D. strongly disagree	2	0	0	1	33	1	33	1	33	835	2	0	33	33	33	835	5	3	38	34	25	837
Optional school/SAU question																						
A.	25	0	0	0	0	1	100	0	0	840	25	0	0	100	0	840						
B.	75	1	33	1	33	1	33	0	0	851	75	33	33	33	0	851						
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