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:	12421666
SAU:	MSAD 48
School:	Somerset Valley 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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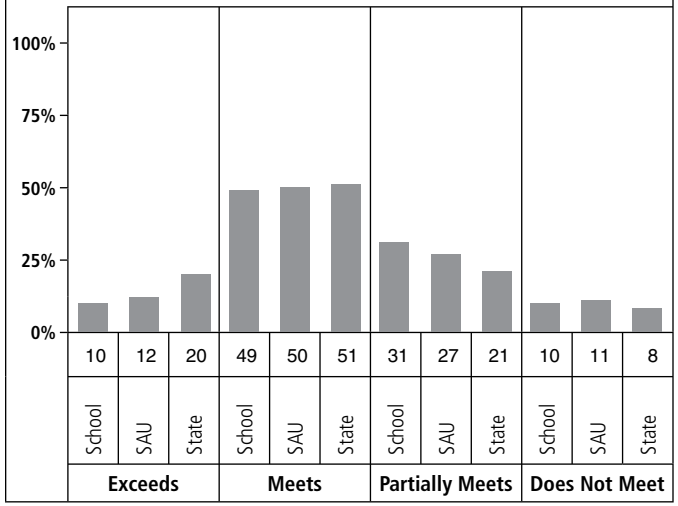
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 48
School: Somerset Valley Middle School

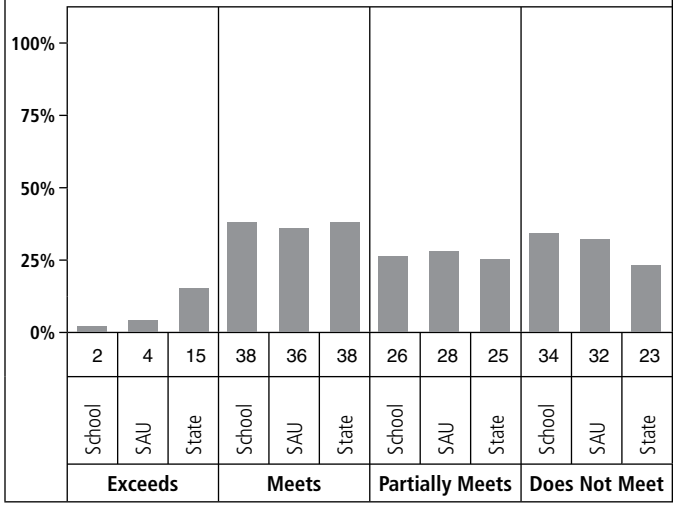
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	837	844	847
2007–2008	839	846	849
2008–2009	**845**	**846**	**850**
Cum. Avg.*	840	845	849
Mathematics			
2006–2007	828	834	842
2007–2008	833	835	841
2008–2009	**837**	**837**	**843**
Cum. Avg.*	833	835	842
Science 2008-2009 **	**838**	**840**	**846**

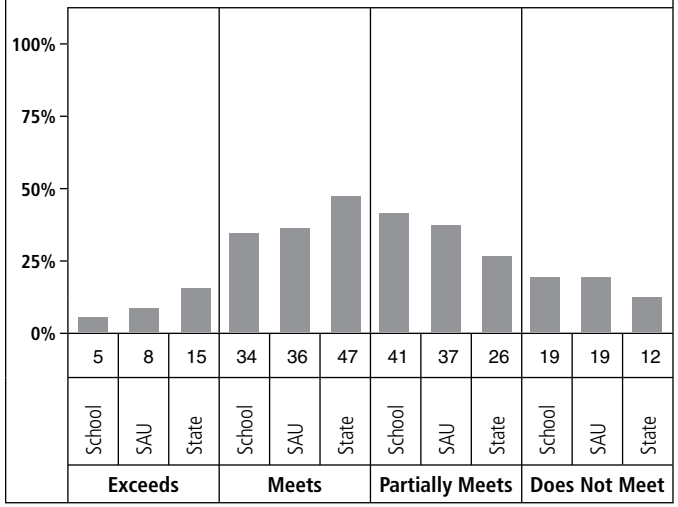
ELA – READING



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 48
School: Somerset Valley 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	61	100	155	100	14804	100	60	98	153	99	14659	99	59	97	152	98	14653	99	59	97	152	98	14626	99
Ethnicity African American/Black	1	2	1	1	377	3	1	100	1	100	366	97	1	100	1	100	371	98	1	100	1	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	0	0	0	0	238	2	0	0	0	0	232	97	0	0	0	0	234	98	0	0	0	0	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	60	98	154	99	13878	94	59	98	152	99	13756	99	58	97	151	98	13742	99	58	97	151	98	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	8	13	28	18	2489	17	7	88	27	96	2434	99	7	88	27	96	2424	98	7	88	27	96	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	37	61	85	55	5460	37	36	97	83	98	5380	99	35	95	82	96	5377	99	35	95	82	96	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	55	90	103	66	12132	82	54	89	101	65	12124	82	54	89	102	66	12169	82
Identified disability (PET/IEP)	3	5	6	6	379	3	3	6	5	5	380	3	3	6	6	6	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
Participation with accommodations	4	7	49	32	2349	16	4	7	50	32	2347	16	4	7	49	32	2288	15
Identified disability (PET/IEP)	3	75	20	41	1877	80	3	75	21	42	1862	79	3	75	20	41	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	2	4	70	3	0	0	2	4	70	3	0	0	2	4	66	3
Other	1	25	27	55	292	12	1	25	27	54	297	13	1	25	27	55	280	12
Participation through alternate assessment (PAAP)	1	2	1	1	178	1	1	2	1	1	182	1	1	2	1	1	169	1
Identified disability (PET/IEP)	1	100	1	100	178	100	1	100	1	100	182	100	1	100	1	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	1	2	2	1	113	1	2	3	3	2	117	1	2	3	3	2	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 48
School: Somerset Valley 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	1	2	17	12	2407	16
	2007-2008	2	3	19	13	3428	23
	2008-2009	**6**	**10**	**18**	**12**	**2857**	**20**
	Cum. Total*	9	5	54	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	25	42	65	46	7494	49
	2007-2008	25	41	76	51	7179	48
	2008-2009	**29**	**49**	**76**	**50**	**7431**	**51**
	Cum. Total*	79	44	217	49	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	18	31	39	28	3628	24
	2007-2008	19	31	35	23	2706	18
	2008-2009	**18**	**31**	**41**	**27**	**2979**	**21**
	Cum. Total*	55	31	115	26	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	15	25	20	14	1810	12
	2007-2008	15	25	19	13	1611	11
	2008-2009	**6**	**10**	**17**	**11**	**1214**	**8**
	Cum. Total*	36	20	56	13	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**	32.3	57.7	33.1	59.1	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	**20**	**36**	11.2	56.0	11.5	57.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	**36**	**64**	21.1	58.6	21.6	60.0	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 48
School: Somerset Valley 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	59	6	10	29	49	18	31	6	10	845	152	12	50	27	11	846	14481	20	51	21	8	850
Ethnicity																						
African American/Black	1										1						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	0										0						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	58	6	10	29	50	17	29	6	10	845	151	12	50	26	11	846	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	0	0	4	67	2	33	832	26	0	23	38	38	832	2256	2	25	40	34	834
No	53	6	11	29	55	14	26	4	8	846	126	14	56	25	6	849	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	59	6	10	29	49	18	31	6	10	845	152	12	50	27	11	846	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	35	4	11	13	37	14	40	4	11	844	82	7	46	34	12	844	5277	10	46	29	15	844
No	24	2	8	16	67	4	17	2	8	847	70	17	54	19	10	849	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	59	6	10	29	49	18	31	6	10	845	152	12	50	27	11	846	14476	20	51	21	8	850
Gender																						
Female	29	3	10	13	45	10	34	3	10	844	75	11	53	29	7	847	7074	25	51	18	6	852
Male	30	3	10	16	53	8	27	3	10	846	77	13	47	25	16	845	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	1	17	1	17	3	50	1	17	842	12	17	33	33	17	844	857	9	43	35	14	843
No	53	5	9	28	53	15	28	5	9	845	140	11	51	26	11	846	13624	20	52	20	8	850
Gifted/talented program																						
Yes	0										0						700	69	30	1	0	867
No	59	6	10	29	49	18	31	6	10	845	152	12	50	27	11	846	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 48
School: Somerset Valley 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	12	1	14	4	57	2	29	0	0	849	9	15	38	31	15	844	8	8	39	29	24	841
B. less than one hour	72	4	10	19	45	14	33	5	12	844	72	11	49	29	11	846	51	17	53	22	8	849
C. one to two hours	16	1	11	6	67	2	22	0	0	848	18	15	63	19	4	850	36	24	52	18	5	852
D. more than two hours	0										1	0	50	0	50	837	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	31	4	22	11	61	2	11	1	6	853	30	23	59	14	5	853	31	35	50	11	4	856
B. good	47	2	7	11	41	10	37	4	15	842	41	10	48	30	13	845	47	16	55	21	7	849
C. fair	19	0	0	6	55	5	45	0	0	843	23	6	50	35	9	844	18	5	47	33	15	842
D. poor	3	0	0	1	50	1	50	0	0	839	7	0	30	40	30	833	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.	31	2	11	11	61	4	22	1	6	847	40	13	60	23	3	850	32	27	54	14	5	853
B. They match some of what I have learned.	59	3	9	16	47	11	32	4	12	844	48	13	44	28	15	844	52	18	53	22	8	850
C. They match just a little of what I have learned.	9	1	20	2	40	2	40	0	0	846	10	7	53	27	13	843	12	11	45	29	15	844
D. There is no match.	2	0	0	0	0	1	100	0	0	836	2	0	0	67	33	831	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	9	0	0	2	40	1	20	2	40	835	10	0	40	13	47	833	15	13	42	28	17	844
B. about the same as my regular schoolwork	74	4	9	23	53	13	30	3	7	846	68	11	54	29	6	848	64	19	53	20	7	850
C. easier than my regular schoolwork	17	2	20	4	40	4	40	0	0	848	22	22	44	28	6	848	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.	7	0	0	2	50	2	50	0	0	845	7	0	30	30	40	833	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	58	3	9	16	48	11	33	3	9	844	58	12	52	30	6	847	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	35	3	15	10	50	5	25	2	10	848	35	14	52	22	12	847	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.	19	2	18	5	45	3	27	1	9	847	41	11	59	20	10	848	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	72	3	7	22	52	14	33	3	7	845	53	13	44	33	10	845	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	9	1	20	2	40	1	20	1	20	845	6	11	56	22	11	847	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	19	2	18	7	64	2	18	0	0	852	15	9	70	13	9	848	19	26	53	15	6	853
B. 20 minutes to an hour	29	2	12	12	71	2	12	1	6	849	40	15	57	22	7	849	40	25	52	17	6	852
C. less than 20 minutes	17	2	20	3	30	4	40	1	10	844	17	19	46	23	12	846	15	18	51	21	10	849
D. I rarely read at home.	34	0	0	7	35	10	50	3	15	839	27	5	33	45	18	840	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	36	5	24	10	48	5	24	1	5	850	28	24	49	24	2	852	42	27	51	15	6	853
B. agree	52	0	0	17	57	9	30	4	13	841	56	7	56	23	14	844	50	15	53	23	9	848
C. disagree	9	1	20	2	40	2	40	0	0	850	11	12	35	47	6	846	7	8	46	32	14	843
D. strongly disagree	3	0	0	0	0	2	100	0	0	840	5	0	29	43	29	839	2	6	39	35	21	840
Optional school/SAU question																						
A.	0										25	0	0	0	100	828						
B.	0										25	0	0	0	100	802						
C.	0										0											
D.	0										50	0	0	50	50	831						

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 48
School: Somerset Valley 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	0	0	4	3	1952	13
	2007-2008	1	2	2	1	1657	11
	2008-2009	**1**	**2**	**6**	**4**	**2116**	**15**
	Cum. Total*	2	1	12	3	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	11	19	43	31	5870	38
	2007-2008	17	28	48	32	5956	40
	2008-2009	**22**	**38**	**54**	**36**	**5443**	**38**
	Cum. Total*	50	28	145	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	19	33	47	34	3982	26
	2007-2008	20	33	48	32	3729	25
	2008-2009	**15**	**26**	**42**	**28**	**3556**	**25**
	Cum. Total*	54	31	137	31	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	28	48	46	33	3534	23
	2007-2008	23	38	51	34	3579	24
	2008-2009	**20**	**34**	**49**	**32**	**3356**	**23**
	Cum. Total*	71	40	146	33	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**	24.9	44.5	25.1	44.8	28.6	51.1
A. Number	**8**	**14**	3.9	48.8	3.7	46.3	3.7	46.3
B. Data	**16**	**29**	7.9	49.4	8.0	50.0	8.9	55.6
C. Geometry	**12**	**21**	4.3	35.8	4.3	35.8	5.0	41.7
D. Algebra	**20**	**36**	8.8	44.0	9.2	46.0	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 48
School: Somerset Valley 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	58	1	2	22	38	15	26	20	34	837	151	4	36	28	32	837	14471	15	38	25	23	843
Ethnicity																						
African American/Black	1										1						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	0										0						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	57	1	2	22	39	15	26	19	33	837	150	4	36	28	32	837	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	1	17	0	0	5	83	820	26	0	8	12	81	818	2242	2	12	22	63	824
No	52	1	2	21	40	15	29	15	29	839	125	5	42	31	22	841	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	58	1	2	22	38	15	26	20	34	837	151	4	36	28	32	837	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	34	1	3	11	32	10	29	12	35	837	81	4	33	30	33	835	5270	6	30	28	36	835
No	24	0	0	11	46	5	21	8	33	838	70	4	39	26	31	839	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	58	1	2	22	38	15	26	20	34	837	151	4	36	28	32	837	14466	15	38	25	23	843
Gender																						
Female	29	0	0	7	24	10	34	12	41	833	75	3	36	31	31	838	7070	15	39	25	22	843
Male	29	1	3	15	52	5	17	8	28	841	76	5	36	25	34	837	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	0	0	3	50	1	17	2	33	838	12	0	33	33	33	837	857	5	25	33	37	835
No	52	1	2	19	37	14	27	18	35	837	139	4	36	27	32	837	13614	15	38	24	22	843
Gifted/talented program																						
Yes	0										0						700	68	27	3	1	866
No	58	1	2	22	38	15	26	20	34	837	151	4	36	28	32	837	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 48
School: Somerset Valley 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	12	1	14	4	57	1	14	1	14	849	9	8	46	15	31	840	8	8	24	24	44	833
B. less than one hour	72	0	0	15	36	11	26	16	38	835	72	4	30	33	34	836	51	12	38	26	23	842
C. one to two hours	16	0	0	3	33	3	33	3	33	835	18	4	52	19	26	841	36	19	40	23	19	845
D. more than two hours	0										1	0	0	0	100	823	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	18	1	10	6	60	1	10	2	20	846	17	13	58	13	17	849	28	33	41	15	11	852
B. good	38	0	0	10	48	3	14	8	38	839	37	6	42	19	34	838	45	11	43	25	21	842
C. fair	38	0	0	5	24	10	48	6	29	833	39	0	25	43	32	834	21	3	27	35	35	834
D. poor	7	0	0	1	25	1	25	2	50	833	8	0	17	33	50	828	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.	17	1	10	5	50	2	20	2	20	845	27	8	43	20	30	840	28	23	41	21	15	848
B. They match some of what I have learned.	60	0	0	14	40	9	26	12	34	837	55	4	38	32	27	838	52	13	40	25	21	843
C. They match just a little of what I have learned.	21	0	0	3	25	4	33	5	42	832	14	0	19	33	48	829	16	8	28	30	34	836
D. There is no match.	2	0	0	0	0	0	0	1	100	828	4	0	0	17	83	820	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	40	0	0	6	26	9	39	8	35	833	36	2	26	43	28	834	32	6	34	29	32	837
B. about the same as my regular schoolwork	47	0	0	15	56	6	22	6	22	842	54	5	44	23	29	840	52	13	41	25	20	843
C. easier than my regular schoolwork	14	1	13	1	13	0	0	6	75	832	10	7	21	0	71	829	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.	33	0	0	6	32	10	53	3	16	838	46	3	34	39	24	838	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	60	1	3	16	46	4	11	14	40	838	49	6	40	18	36	838	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	7	0	0	0	0	1	25	3	75	823	5	0	0	25	75	821	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	33	0	0	5	26	4	21	10	53	833	21	6	26	19	48	834	34	18	40	22	20	845
B. two or three days a week	59	1	3	12	35	11	32	10	29	837	53	3	34	32	32	836	35	14	38	26	21	843
C. two or three times each month	7	0	0	4	100	0	0	0	0	851	21	6	50	25	19	843	18	12	37	27	24	841
D. never or almost never	2	0	0	1	100	0	0	0	0	846	5	0	14	43	43	830	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	2	0	0	0	0	0	0	1	100	826	3	0	25	0	75	832	9	13	38	23	26	841
B. two or three days a week	5	0	0	2	67	0	0	1	33	844	3	0	60	20	20	843	17	11	37	26	26	841
C. two or three times each month	14	0	0	2	25	3	38	3	38	834	15	5	41	23	32	837	28	15	40	25	20	844
D. never or almost never	79	1	2	18	39	12	26	15	33	837	79	4	33	31	32	837	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	60	1	3	14	40	9	26	11	31	839	53	8	41	27	24	841	52	19	41	22	18	846
B. agree	33	0	0	6	32	6	32	7	37	835	39	0	31	31	38	835	39	11	35	27	27	840
C. disagree	3	0	0	1	50	0	0	1	50	830	3	0	20	0	80	821	6	7	28	26	39	835
D. strongly disagree	3	0	0	1	50	0	0	1	50	837	5	0	14	43	43	831	3	4	25	28	43	832
Optional school/SAU question																						
A.	0										25	0	0	0	100	800						
B.	0										25	0	0	0	100	816						
C.	0										0											
D.	0										50	0	0	0	100	823						

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 48
School:	Somerset Valley 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*	3	5	12	8	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*	20	34	55	36	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*	24	41	56	37	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*	11	19	28	19	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	26.9	48.0	28.3	50.5	32.0	57.1
D. The Physical Setting	31	55	14.7	47.4	15.2	49.0	17.1	55.2
D1/D2 Earth/Space	17	30	8.7	51.2	8.7	51.2	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	6.0	42.9	6.4	45.7	7.7	55.0
E. The Living Environment	25	45	12.2	48.8	13.2	52.8	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 48
School: Somerset Valley 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	58	3	5	20	34	24	41	11	19	838	151	8	36	37	19	840	14263	15	47	26	12	846
Ethnicity																						
African American/Black	1										1						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	0										0						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	57	3	5	20	35	24	42	10	18	839	150	8	37	37	18	840	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	1	17	2	33	3	50	830	26	4	12	31	54	829	2221	3	22	36	38	832
No	52	3	6	19	37	22	42	8	15	839	125	9	42	38	11	842	12042	17	51	24	7	848
Current LEP																						
Yes	0										0						331	4	20	39	37	832
No	58	3	5	20	34	24	41	11	19	838	151	8	36	37	19	840	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	34	2	6	10	29	16	47	6	18	839	81	9	32	38	21	840	5184	6	40	33	21	840
No	24	1	4	10	42	8	33	5	21	838	70	7	41	36	16	841	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	58	3	5	20	34	24	41	11	19	838	151	8	36	37	19	840	14258	15	47	26	12	846
Gender																						
Female	29	0	0	7	24	14	48	8	28	833	75	3	33	45	19	838	6953	14	47	28	11	846
Male	29	3	10	13	45	10	34	3	10	843	76	13	39	29	18	842	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	6	0	0	2	33	2	33	2	33	836	12	0	42	33	25	839	828	5	35	40	20	839
No	52	3	6	18	35	22	42	9	17	839	139	9	36	37	18	840	13435	16	48	25	12	846
Gifted/talented program																						
Yes	0										0						699	65	34	2	0	865
No	58	3	5	20	34	24	41	11	19	838	151	8	36	37	19	840	13564	13	48	27	13	845

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 RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 48
School: Somerset Valley 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	12	2	29	3	43	1	14	1	14	848	9	23	23	23	31	841	8	8	34	28	30	837
B. less than one hour	72	1	2	14	33	19	45	8	19	837	72	7	36	38	19	840	51	14	48	27	11	846
C. one to two hours	16	0	0	3	33	4	44	2	22	837	18	4	44	41	11	842	36	19	48	24	9	848
D. more than two hours	0										1	0	0	50	50	830	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	19	0	0	4	36	4	36	3	27	837	14	5	35	40	20	841	23	27	47	17	8	851
B. good	57	2	6	13	39	11	33	7	21	839	55	9	38	33	21	840	53	15	50	26	10	847
C. fair	22	1	8	3	23	8	62	1	8	838	26	8	34	47	11	841	20	4	43	35	18	840
D. poor	2	0	0	0	0	1	100	0	0	832	5	13	25	38	25	840	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	2	17	4	33	4	33	2	17	842	22	16	41	28	16	843	26	20	49	23	9	849
B. They match some of what I have learned.	62	1	3	13	36	14	39	8	22	837	55	6	35	39	20	839	51	14	48	26	11	846
C. They match just a little of what I have learned.	17	0	0	3	30	6	60	1	10	838	20	7	31	48	14	841	18	13	44	28	15	844
D. There is no match.	0										3	0	40	20	40	834	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	26	0	0	6	40	9	60	0	0	841	25	8	33	42	17	840	32	13	45	28	14	844
B. about the same as my regular schoolwork	64	2	5	13	35	13	35	9	24	838	59	7	36	38	19	840	56	15	49	25	11	847
C. easier than my regular schoolwork	10	1	17	1	17	2	33	2	33	834	16	13	42	33	13	844	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.	37	1	5	7	33	8	38	5	24	840	46	11	38	37	14	843	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	60	2	6	13	38	14	41	5	15	838	49	7	38	38	17	839	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	0	0	1	50	1	50	827	6	0	13	25	63	827	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	33	2	11	5	26	6	32	6	32	838	28	15	29	24	32	840	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	24	0	0	5	36	7	50	2	14	839	23	0	44	35	21	839	23	17	49	22	12	847
C. the course(s) described in B, plus physics	12	1	14	4	57	1	14	1	14	845	17	12	36	40	12	842	21	31	44	17	7	852
D. a life science and physical science class	31	0	0	6	33	10	56	2	11	836	32	6	35	50	8	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	28	0	0	10	63	4	25	2	13	843	22	6	48	33	12	844	27	23	47	20	10	849
B. agree	40	3	13	5	22	11	48	4	17	840	47	10	33	36	21	839	37	14	47	27	12	846
C. disagree	24	0	0	4	29	7	50	3	21	834	21	3	32	52	13	838	25	11	48	29	12	845
D. strongly disagree	9	0	0	1	20	2	40	2	40	829	9	14	29	29	29	839	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	35	1	5	8	40	5	25	6	30	837	31	4	44	29	22	840	31	22	46	22	10	849
B. agree	54	1	3	9	29	17	55	4	13	839	46	7	31	49	13	840	50	14	49	26	11	846
C. disagree	5	0	0	1	33	2	67	0	0	835	14	19	24	33	24	840	14	9	45	31	15	843
D. strongly disagree	5	1	33	1	33	0	0	1	33	843	9	8	46	23	23	841	5	3	38	34	25	837
Optional school/SAU question																						
A.	0										25	0	0	100	0	832						
B.	0										25	0	0	0	100	814						
C.	0										0											
D.	0										50	0	0	50	50	831						

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