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 7

Test Date:	March 2009
Code:	12161563
SAU:	MSAD 22
School:	Samuel L Wagner 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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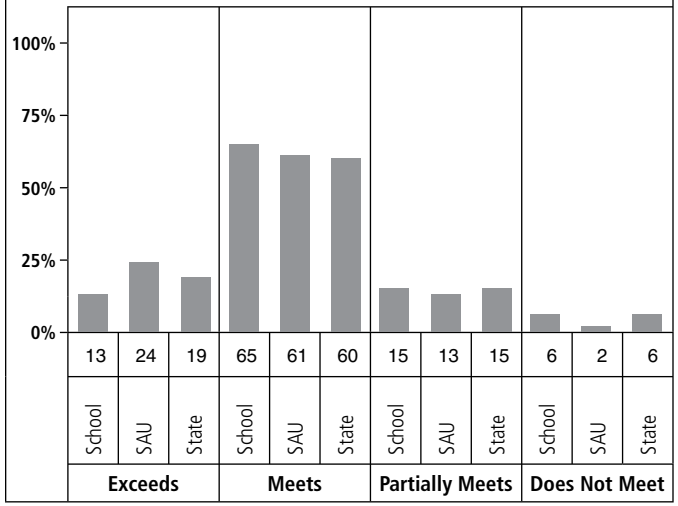
SUMMARY OF SCORES

Test Date: March 2009
Grade: 7
SAU: MSAD 22
School: Samuel L Wagner Middle School

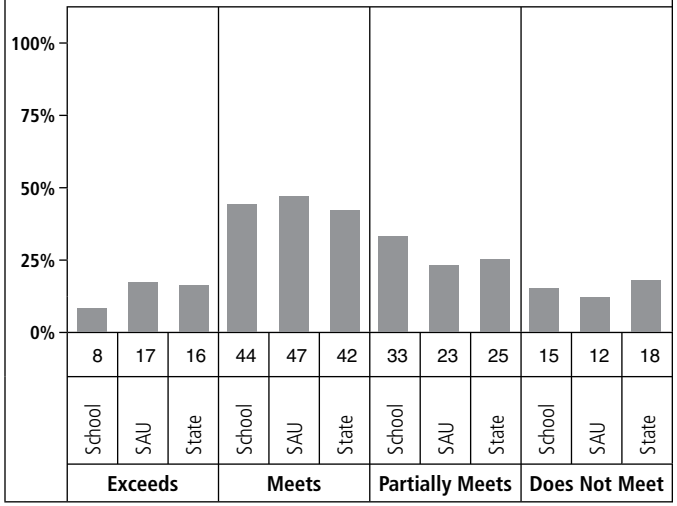
Summary of School, SAU, and State Scores

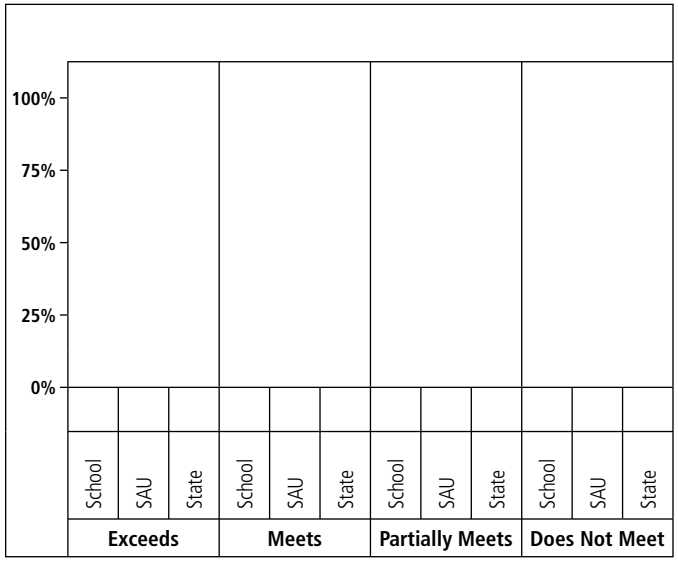
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	750	754	748
2007–2008	753	755	750
2008–2009	**751**	**755**	**751**
Cum. Avg.*	751	755	750
Mathematics			
2006–2007	738	745	742
2007–2008	737	745	743
2008–2009	**743**	**748**	**745**
Cum. Avg.*	739	746	743

ELA – READING



MATHEMATICS





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

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: MSAD 22
School: Samuel L Wagner Middle School

CATEGORY OF PARTICIPATION	Enrollment[1] during testing window						CONTENT AREA PARTICIPATION[2]																	
							ELA–Reading						Mathematics											
	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	52	100	175	100	14446	100	52	100	174	99	14316	99	52	100	174	99	14322	99						
Ethnicity African American/Black	2	4	6	3	432	3	2	100	6	100	416	97	2	100	6	100	421	98						
American Indian or Native Alaskan	0	0	1	1	124	1	0	0	1	100	121	98	0	0	1	100	122	99						
Asian or Pacific Islander	1	2	5	3	260	2	1	100	5	100	255	98	1	100	5	100	259	100						
Hispanic	0	0	0	0	147	1	0	0	0	0	144	99	0	0	0	0	144	99						
Caucasian/White	49	94	163	93	13483	93	49	100	162	99	13380	99	49	100	162	99	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	16	31	35	20	2428	17	16	100	35	100	2391	99	16	100	35	100	2391	99						
Current LEP	0	0	0	0	334	2	0	0	0	0	318	95	0	0	0	0	328	98						
Economically disadvantaged	13	25	32	18	5498	38	13	100	31	97	5431	99	13	100	31	97	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION[3]	ELA–Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	39	75	143	82	11742	81	39	75	144	82	11754	81						
Identified disability (PET/IEP)	3	8	6	4	367	3	3	8	6	4	365	3						
LEP	0	0	0	0	168	1	0	0	0	0	169	1						
504 plan	0	0	5	3	183	2	0	0	5	3	187	2						
Participation with accommodations	13	25	30	17	2367	16	13	25	29	17	2366	16						
Identified disability (PET/IEP)	13	100	28	93	1819	77	13	100	28	97	1824	77						
LEP	0	0	0	0	143	6	0	0	0	0	154	7						
504 plan	0	0	0	0	84	4	0	0	0	0	80	3						
Other	0	0	2	7	358	15	0	0	1	3	346	15						
Participation through alternate assessment (PAAP)	0	0	1	1	205	1	0	0	1	1	202	1						
Identified disability (PET/IEP)	0	0	1	100	205	100	0	0	1	100	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	33	0	0	0	0	0	32	0						
Non-participation – other	0	0	1	1	97	1	0	0	1	1	92	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:	7
SAU:	MSAD 22
School:	Samuel L Wagner 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 762–780)	2006-2007	14	23	57	32	2630	18
	2007-2008	9	21	45	25	2604	18
	2008-2009	**7**	**13**	**42**	**24**	**2618**	**19**
	Cum. Total*	30	19	144	27	7852	18
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	30	49	89	49	7605	51
	2007-2008	28	65	110	61	8049	55
	2008-2009	**34**	**65**	**105**	**61**	**8484**	**60**
	Cum. Total*	92	59	304	57	24138	56
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 730–740)	2006-2007	12	20	28	16	3000	20
	2007-2008	1	2	19	10	2672	18
	2008-2009	**8**	**15**	**22**	**13**	**2108**	**15**
	Cum. Total*	21	13	69	13	7780	18
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 700–728)	2006-2007	5	8	6	3	1620	11
	2007-2008	5	12	7	4	1190	8
	2008-2009	**3**	**6**	**4**	**2**	**899**	**6**
	Cum. Total*	13	8	17	3	3709	9

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**	34.3	61.3	36.9	65.9	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	**20**	**36**	11.8	59.0	12.6	63.0	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	**36**	**64**	22.4	62.2	24.3	67.5	22.6	62.8

The MEA assesses students' reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. 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: 7
SAU: MSAD 22
School: Samuel L Wagner 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	52	7	13	34	65	8	15	3	6	751	173	24	61	13	2	755	14109	19	60	15	6	751
Ethnicity																						
African American/Black	2										6	0	67	17	17	746	409	11	49	22	18	744
American Indian or Native Alaskan	0										1						117	12	53	19	16	746
Asian or Pacific Islander	1										5	0	100	0	0	757	253	24	59	11	6	753
Hispanic	0										0						142	14	56	17	13	747
Caucasian/White	49	7	14	33	67	7	14	2	4	751	161	26	59	13	2	755	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	16	1	6	8	50	5	31	2	13	743	34	6	41	47	6	743	2186	2	36	35	27	737
No	36	6	17	26	72	3	8	1	3	754	139	29	65	4	1	758	11923	22	65	11	3	754
Current LEP																						
Yes	0										0						311	4	41	29	26	739
No	52	7	13	34	65	8	15	3	6	751	173	24	61	13	2	755	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	13	0	0	7	54	5	38	1	8	747	31	6	55	32	6	748	5300	8	58	22	11	746
No	39	7	18	27	69	3	8	2	5	752	142	28	62	8	1	756	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	52	7	13	34	65	8	15	3	6	751	173	24	61	13	2	755	14101	19	60	15	6	751
Gender																						
Female	18	5	28	13	72	0	0	0	0	758	74	36	58	5	0	760	6993	24	61	11	4	754
Male	34	2	6	21	62	8	24	3	9	747	99	15	63	18	4	751	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1025	10	53	27	11	745
No	52	7	13	34	65	8	15	3	6	751	173	24	61	13	2	755	13084	19	61	14	6	752
Gifted/talented program																						
Yes	8	3	38	5	63	0	0	0	0	762	17	71	29	0	0	770	676	66	33	1	0	766
No	44	4	9	29	66	8	18	3	7	749	156	19	64	14	3	753	13433	16	61	16	7	750

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: 7
SAU: MSAD 22
School: Samuel L Wagner 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	2	0	0	0	0	1	100	0	0	738	3	0	0	100	0	737	7	8	48	25	19	743
B. less than one hour	45	1	4	15	65	4	17	3	13	748	43	18	65	12	5	753	52	17	62	15	6	751
C. one to two hours	51	4	15	19	73	3	12	0	0	752	50	30	60	9	0	758	37	23	61	12	4	753
D. more than two hours	2	1	100	0	0	0	0	0	0	770	4	33	67	0	0	756	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	37	3	16	13	68	3	16	0	0	754	36	36	54	10	0	759	30	33	56	7	4	756
B. good	33	3	18	11	65	2	12	1	6	752	44	24	62	12	3	755	49	16	64	14	5	751
C. fair	29	0	0	10	67	3	20	2	13	744	19	0	75	19	6	746	19	5	59	26	10	745
D. poor	0										1	50	0	50	0	749	3	3	45	32	21	740
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.	29	3	21	10	71	0	0	1	7	754	31	29	65	2	4	758	33	24	62	10	3	754
B. They match some of what I have learned.	65	2	6	21	68	7	23	1	3	749	59	20	59	19	1	753	52	18	62	15	5	751
C. They match just a little of what I have learned.	6	0	0	2	67	1	33	0	0	746	9	20	67	13	0	754	11	11	54	23	13	746
D. There is no match.	0										1	0	100	0	0	754	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	22	0	0	10	91	1	9	0	0	749	21	19	67	11	3	753	17	16	55	18	12	748
B. about the same as my regular schoolwork	73	6	16	21	57	7	19	3	8	750	67	25	59	14	3	755	65	19	62	14	5	752
C. easier than my regular schoolwork	6	0	0	3	100	0	0	0	0	756	12	25	65	10	0	756	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	12	0	0	3	50	0	0	3	50	739	8	0	57	21	21	742	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	61	5	16	19	61	7	23	0	0	751	62	25	58	17	1	754	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	27	1	7	12	86	1	7	0	0	753	29	30	68	2	0	760	38	28	60	9	3	756
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.	39	3	15	12	60	4	20	1	5	750	36	20	61	16	3	753	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	59	3	10	22	73	3	10	2	7	751	62	26	62	9	2	756	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	2	0	0	0	0	1	100	0	0	730	2	25	25	50	0	747	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	14	2	29	4	57	0	0	1	14	753	15	23	69	4	4	756	21	27	57	11	5	755
B. 20 minutes to an hour	61	3	10	24	77	3	10	1	3	752	55	33	56	10	1	758	45	22	62	12	4	753
C. less than 20 minutes	4	0	0	1	50	1	50	0	0	747	11	5	68	26	0	749	13	13	61	17	8	749
D. I rarely read at home.	22	1	9	5	45	4	36	1	9	744	19	9	63	22	6	748	21	7	59	24	11	746
Optional school/SAU question																						
A.	0										0											
B.	0										50	0	0	0	100	728						
C.	0										0											
D.	0										50	0	0	100	0	736						

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: 7
SAU: MSAD 22
School: Samuel L Wagner 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 762–780)	2006-2007	5	8	32	18	2142	14
	2007-2008	0	0	30	17	2028	14
	2008-2009	**4**	**8**	**30**	**17**	**2220**	**16**
	Cum. Total*	9	6	92	17	6390	15
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 742–760)	2006-2007	18	30	71	39	5642	38
	2007-2008	18	42	79	44	5703	39
	2008-2009	**23**	**44**	**82**	**47**	**5879**	**42**
	Cum. Total*	59	38	232	43	17224	40
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 728–740)	2006-2007	20	33	43	24	4077	27
	2007-2008	15	35	46	25	3733	26
	2008-2009	**17**	**33**	**40**	**23**	**3537**	**25**
	Cum. Total*	52	33	129	24	11347	26
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 700–726)	2006-2007	18	30	34	19	3001	20
	2007-2008	10	23	26	14	3054	21
	2008-2009	**8**	**15**	**21**	**12**	**2484**	**18**
	Cum. Total*	36	23	81	15	8539	20

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**	28.7	51.3	31.6	56.4	29.9	53.4
A. Number	**14**	**25**	7.4	52.9	8.3	59.3	7.7	55.0
B. Data	**16**	**29**	7.2	45.0	9.0	56.3	8.1	50.6
C. Geometry	**12**	**21**	7.3	60.8	7.6	63.3	6.9	57.5
D. Algebra	**14**	**25**	6.7	47.9	6.8	48.6	7.3	52.1

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: 7
SAU: MSAD 22
School: Samuel L Wagner 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	52	4	8	23	44	17	33	8	15	743	173	17	47	23	12	748	14120	16	42	25	18	745
Ethnicity																						
African American/Black	2										6	0	50	17	33	737	416	5	26	28	41	733
American Indian or Native Alaskan	0										1						119	8	30	31	30	737
Asian or Pacific Islander	1										5	20	80	0	0	754	258	25	43	19	13	750
Hispanic	0										0						142	8	39	23	30	739
Caucasian/White	49	4	8	22	45	16	33	7	14	744	161	18	46	24	12	748	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	16	0	0	6	38	6	38	4	25	738	34	3	24	38	35	733	2189	2	17	27	53	728
No	36	4	11	17	47	11	31	4	11	746	139	21	53	19	6	751	11931	18	46	25	11	748
Current LEP																						
Yes	0										0						323	4	20	28	48	729
No	52	4	8	23	44	17	33	8	15	743	173	17	47	23	12	748	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	13	1	8	3	23	5	38	4	31	739	31	10	26	32	32	737	5308	7	35	30	28	738
No	39	3	8	20	51	12	31	4	10	745	142	19	52	21	8	750	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	52	4	8	23	44	17	33	8	15	743	173	17	47	23	12	748	14112	16	42	25	18	745
Gender																						
Female	18	2	11	11	61	5	28	0	0	748	74	20	50	20	9	749	6992	16	43	25	16	745
Male	34	2	6	12	35	12	35	8	24	741	99	15	45	25	14	747	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1024	7	26	36	31	736
No	52	4	8	23	44	17	33	8	15	743	173	17	47	23	12	748	13096	16	43	24	17	745
Gifted/talented program																						
Yes	8	3	38	5	63	0	0	0	0	759	17	71	29	0	0	768	676	68	29	2	0	767
No	44	1	2	18	41	17	39	8	18	741	156	12	49	26	13	745	13444	13	42	26	18	744

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: 7
SAU: MSAD 22
School: Samuel L Wagner 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	2	0	0	0	0	0	0	1	100	726	3	0	0	20	80	723	7	6	30	28	36	735
B. less than one hour	45	2	9	11	48	7	30	3	13	744	43	15	50	20	15	746	52	16	42	25	17	745
C. one to two hours	51	2	8	11	42	9	35	4	15	744	50	21	49	23	7	751	37	18	44	24	14	747
D. more than two hours	2	0	0	1	100	0	0	0	0	744	4	17	33	50	0	743	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	29	3	20	8	53	3	20	1	7	752	27	33	50	13	4	756	26	35	43	12	9	754
B. good	61	1	3	13	42	11	35	6	19	740	53	16	46	24	13	747	46	13	48	25	15	745
C. fair	10	0	0	2	40	2	40	1	20	740	18	0	48	32	19	740	23	3	32	37	27	737
D. poor	0										2	0	33	33	33	729	5	1	22	37	40	731
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.	14	0	0	3	43	4	57	0	0	745	15	12	52	28	8	745	26	23	43	20	13	749
B. They match some of what I have learned.	65	4	12	16	48	7	21	6	18	744	64	24	48	18	10	751	53	15	45	26	15	746
C. They match just a little of what I have learned.	20	0	0	3	30	5	50	2	20	739	17	0	41	31	28	739	17	9	35	32	24	740
D. There is no match.	2	0	0	1	100	0	0	0	0	748	5	13	50	38	0	748	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	41	0	0	10	48	8	38	3	14	743	39	11	47	27	15	746	37	8	40	29	23	740
B. about the same as my regular schoolwork	49	3	12	12	48	5	20	5	20	744	47	19	49	19	14	747	51	16	44	25	15	746
C. easier than my regular schoolwork	10	1	20	1	20	3	60	0	0	747	14	33	42	25	0	754	12	41	35	13	11	755
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	1	6	5	29	9	53	2	12	741	37	17	43	30	10	748	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	63	2	6	18	56	6	19	6	19	744	60	17	52	17	15	747	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	4	1	50	0	0	1	50	0	0	754	3	40	0	60	0	751	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	8	0	0	2	50	2	50	0	0	744	9	13	33	33	20	743	8	8	30	29	33	737
B. 30–45 minutes	80	2	5	17	41	14	34	8	20	741	78	17	49	21	13	748	38	13	40	27	20	743
C. 45–60 minutes	12	2	33	4	67	0	0	0	0	758	12	24	48	29	0	753	42	20	45	23	12	748
D. more than 60 minutes	0										1	0	0	0	100	714	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	10	0	0	3	60	1	20	1	20	745	22	38	35	19	8	754	15	19	38	25	19	745
B. two or three days a week	45	2	9	11	48	8	35	2	9	745	45	14	53	22	10	748	31	18	42	24	16	746
C. two or three times a month	35	2	11	7	39	7	39	2	11	744	25	10	45	33	12	744	26	17	43	24	17	746
D. never or almost never	10	0	0	2	40	0	0	3	60	736	9	7	53	7	33	741	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	2	0	0	0	0	1	100	0	0	740	29	24	55	16	4	752	10	12	39	24	24	741
B. two or three days a week	33	0	0	7	41	7	41	3	18	741	35	19	46	29	7	749	22	13	43	26	18	744
C. two or three times each month	43	3	14	12	55	5	23	2	9	747	25	12	51	21	16	745	33	18	44	25	13	747
D. never or almost never	22	1	9	4	36	3	27	3	27	740	11	11	21	26	42	737	35	16	40	25	19	744
Optional school/SAU question																						
A.	0										0											
B.	0										50	0	0	0	100	700						
C.	0										0											
D.	0										50	0	0	100	0	734						

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