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:	10801270
SAU:	Jay School Department
School:	Jay 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.

Topic ***Page***

Summary of Scores 2
Summary of Student Participation 3
English Language Arts – Reading Results 4-6
Mathematics Results. 7-9

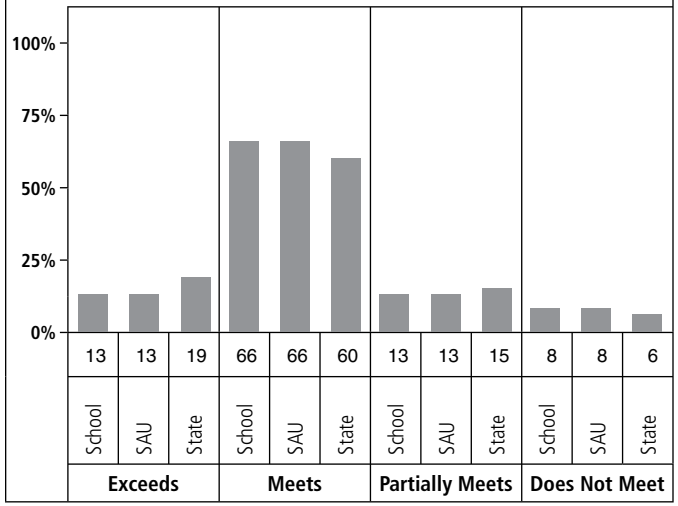
SUMMARY OF SCORES

Test Date: March 2009
Grade: 7
SAU: Jay School Department
School: Jay Middle School

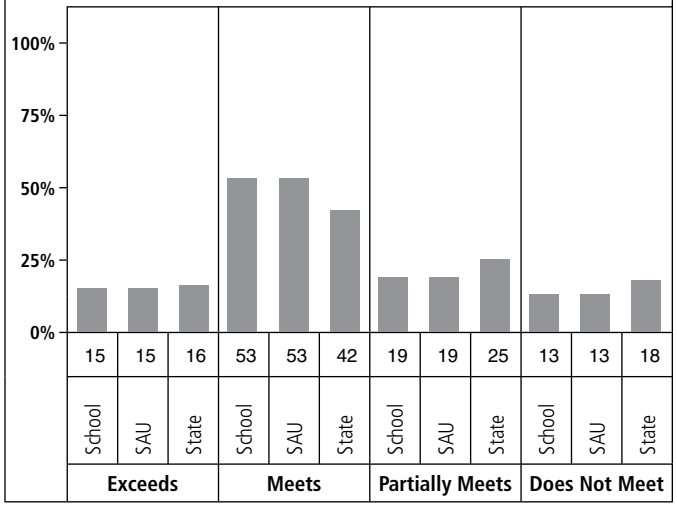
Summary of School, SAU, and State Scores

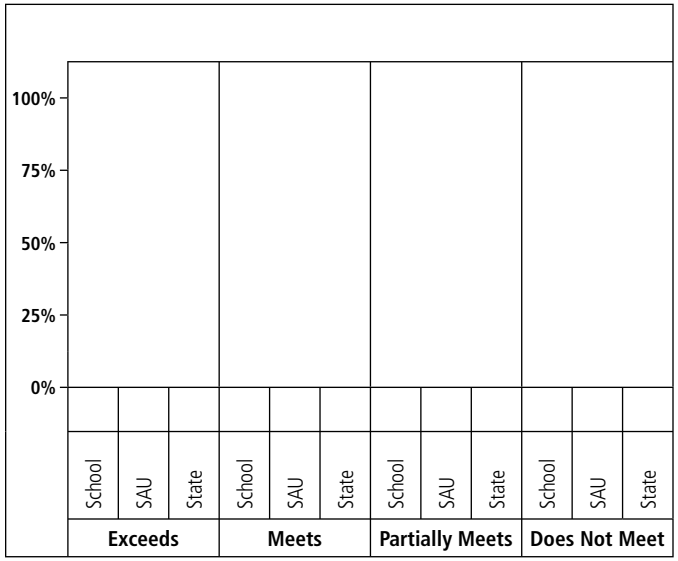
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	744	744	748
2007–2008	747	746	750
2008–2009	**749**	**749**	**751**
Cum. Avg.*	746	746	750
Mathematics			
2006–2007	738	738	742
2007–2008	730	730	743
2008–2009	**746**	**746**	**745**
Cum. Avg.*	738	738	743

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: Jay School Department
School: Jay 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	53	100	53	100	14446	100	53	100	53	100	14316	99	53	100	53	100	14322	99						
Ethnicity African American/Black	0	0	0	0	432	3	0	0	0	0	416	97	0	0	0	0	421	98						
American Indian or Native Alaskan	0	0	0	0	124	1	0	0	0	0	121	98	0	0	0	0	122	99						
Asian or Pacific Islander	0	0	0	0	260	2	0	0	0	0	255	98	0	0	0	0	259	100						
Hispanic	0	0	0	0	147	1	0	0	0	0	144	99	0	0	0	0	144	99						
Caucasian/White	53	100	53	100	13483	93	53	100	53	100	13380	99	53	100	53	100	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	7	13	7	13	2428	17	7	100	7	100	2391	99	7	100	7	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	30	57	30	57	5498	38	30	100	30	100	5431	99	30	100	30	100	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	48	91	48	91	11742	81	48	91	48	91	11754	81						
Identified disability (PET/IEP)	3	6	3	6	367	3	3	6	3	6	365	3						
LEP	0	0	0	0	168	1	0	0	0	0	169	1						
504 plan	0	0	0	0	183	2	0	0	0	0	187	2						
Participation with accommodations	5	9	5	9	2367	16	5	9	5	9	2366	16						
Identified disability (PET/IEP)	4	80	4	80	1819	77	4	80	4	80	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	1	20	1	20	358	15	1	20	1	20	346	15						
Participation through alternate assessment (PAAP)	0	0	0	0	205	1	0	0	0	0	202	1						
Identified disability (PET/IEP)	0	0	0	0	205	100	0	0	0	0	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	0	0	97	1	0	0	0	0	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:	Jay School Department
School:	Jay 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	7	9	7	9	2630	18
	2007-2008	9	16	9	15	2604	18
	2008-2009	**7**	**13**	**7**	**13**	**2618**	**19**
	Cum. Total*	23	12	23	12	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	36	47	36	47	7605	51
	2007-2008	33	57	33	56	8049	55
	2008-2009	**35**	**66**	**35**	**66**	**8484**	**60**
	Cum. Total*	104	55	104	55	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	24	31	24	31	3000	20
	2007-2008	8	14	8	14	2672	18
	2008-2009	**7**	**13**	**7**	**13**	**2108**	**15**
	Cum. Total*	39	21	39	21	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	10	13	10	13	1620	11
	2007-2008	8	14	9	15	1190	8
	2008-2009	**4**	**8**	**4**	**8**	**899**	**6**
	Cum. Total*	22	12	23	12	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**	33.6	60.0	33.6	60.0	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	**20**	**36**	11.6	58.0	11.6	58.0	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	**36**	**64**	22.1	61.4	22.1	61.4	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: Jay School Department
School: Jay 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	53	7	13	35	66	7	13	4	8	749	53	13	66	13	8	749	14109	19	60	15	6	751
Ethnicity																						
African American/Black	0										0						409	11	49	22	18	744
American Indian or Native Alaskan	0										0						117	12	53	19	16	746
Asian or Pacific Islander	0										0						253	24	59	11	6	753
Hispanic	0										0						142	14	56	17	13	747
Caucasian/White	53	7	13	35	66	7	13	4	8	749	53	13	66	13	8	749	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	1	14	3	43	3	43	728	7	0	14	43	43	728	2186	2	36	35	27	737
No	46	7	15	34	74	4	9	1	2	753	46	15	74	9	2	753	11923	22	65	11	3	754
Current LEP																						
Yes	0										0						311	4	41	29	26	739
No	53	7	13	35	66	7	13	4	8	749	53	13	66	13	8	749	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	30	2	7	19	63	6	20	3	10	746	30	7	63	20	10	746	5300	8	58	22	11	746
No	23	5	22	16	70	1	4	1	4	754	23	22	70	4	4	754	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	53	7	13	35	66	7	13	4	8	749	53	13	66	13	8	749	14101	19	60	15	6	751
Gender																						
Female	27	5	19	17	63	4	15	1	4	750	27	19	63	15	4	750	6993	24	61	11	4	754
Male	26	2	8	18	69	3	12	3	12	749	26	8	69	12	12	749	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	53	7	13	35	66	7	13	4	8	749	53	13	66	13	8	749	13084	19	61	14	6	752
Gifted/talented program																						
Yes	0										0						676	66	33	1	0	766
No	53	7	13	35	66	7	13	4	8	749	53	13	66	13	8	749	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: Jay School Department
School: Jay Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	6	0	0	1	33	2	67	0	0	743	6	0	33	67	0	743	7	8	48	25	19	743
B. less than one hour	49	3	12	20	77	2	8	1	4	751	49	12	77	8	4	751	52	17	62	15	6	751
C. one to two hours	43	4	17	14	61	2	9	3	13	749	43	17	61	9	13	749	37	23	61	12	4	753
D. more than two hours	2	0	0	0	0	1	100	0	0	740	2	0	0	100	0	740	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	40	6	29	10	48	3	14	2	10	751	40	29	48	14	10	751	30	33	56	7	4	756
B. good	51	1	4	21	78	4	15	1	4	749	51	4	78	15	4	749	49	16	64	14	5	751
C. fair	9	0	0	4	80	0	0	1	20	746	9	0	80	0	20	746	19	5	59	26	10	745
D. poor	0										0						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	2	13	9	60	2	13	2	13	747	29	13	60	13	13	747	33	24	62	10	3	754
B. They match some of what I have learned.	67	5	14	24	69	5	14	1	3	751	67	14	69	14	3	751	52	18	62	15	5	751
C. They match just a little of what I have learned.	4	0	0	2	100	0	0	0	0	749	4	0	100	0	0	749	11	11	54	23	13	746
D. There is no match.	0										0						3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	19	3	30	4	40	2	20	1	10	750	19	30	40	20	10	750	17	16	55	18	12	748
B. about the same as my regular schoolwork	75	4	10	29	73	4	10	3	8	749	75	10	73	10	8	749	65	19	62	14	5	752
C. easier than my regular schoolwork	6	0	0	2	67	1	33	0	0	750	6	0	67	33	0	750	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	1	17	1	17	2	33	2	33	735	12	17	17	33	33	735	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	50	4	15	19	73	3	12	0	0	753	50	15	73	12	0	753	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	38	2	10	15	75	2	10	1	5	751	38	10	75	10	5	751	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.	44	5	22	16	70	2	9	0	0	754	44	22	70	9	0	754	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	46	2	8	17	71	4	17	1	4	751	46	8	71	17	4	751	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	10	0	0	2	40	1	20	2	40	732	10	0	40	20	40	732	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	25	2	15	8	62	3	23	0	0	751	25	15	62	23	0	751	21	27	57	11	5	755
B. 20 minutes to an hour	51	5	19	19	70	2	7	1	4	753	51	19	70	7	4	753	45	22	62	12	4	753
C. less than 20 minutes	11	0	0	5	83	0	0	1	17	748	11	0	83	0	17	748	13	13	61	17	8	749
D. I rarely read at home.	13	0	0	3	43	2	29	2	29	735	13	0	43	29	29	735	21	7	59	24	11	746
Optional school/SAU question																						
A.	40	0	0	0	0	0	0	2	100	705	40	0	0	0	100	705						
B.	0										0											
C.	40	0	0	0	0	0	0	2	100	719	40	0	0	0	100	719						
D.	20	1	100	0	0	0	0	0	0	764	20	100	0	0	0	764						

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: Jay School Department
School: Jay 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	7	9	7	9	2142	14
	2007-2008	2	4	2	3	2028	14
	2008-2009	**8**	**15**	**8**	**15**	**2220**	**16**
	Cum. Total*	17	9	17	9	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	25	33	25	33	5642	38
	2007-2008	13	23	13	22	5703	39
	2008-2009	**28**	**53**	**28**	**53**	**5879**	**42**
	Cum. Total*	66	35	66	35	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	23	30	23	30	4077	27
	2007-2008	17	30	17	29	3733	26
	2008-2009	**10**	**19**	**10**	**19**	**3537**	**25**
	Cum. Total*	50	27	50	27	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	21	28	21	28	3001	20
	2007-2008	25	44	26	45	3054	21
	2008-2009	**7**	**13**	**7**	**13**	**2484**	**18**
	Cum. Total*	53	28	54	29	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**	31.1	55.5	31.1	55.5	29.9	53.4
A. Number	**14**	**25**	7.8	55.7	7.8	55.7	7.7	55.0
B. Data	**16**	**29**	9.6	60.0	9.6	60.0	8.1	50.6
C. Geometry	**12**	**21**	6.7	55.8	6.7	55.8	6.9	57.5
D. Algebra	**14**	**25**	6.8	48.6	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: Jay School Department
School: Jay 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	53	8	15	28	53	10	19	7	13	746	53	15	53	19	13	746	14120	16	42	25	18	745
Ethnicity																						
African American/Black	0										0						416	5	26	28	41	733
American Indian or Native Alaskan	0										0						119	8	30	31	30	737
Asian or Pacific Islander	0										0						258	25	43	19	13	750
Hispanic	0										0						142	8	39	23	30	739
Caucasian/White	53	8	15	28	53	10	19	7	13	746	53	15	53	19	13	746	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	0	0	3	43	4	57	717	7	0	0	43	57	717	2189	2	17	27	53	728
No	46	8	17	28	61	7	15	3	7	751	46	17	61	15	7	751	11931	18	46	25	11	748
Current LEP																						
Yes	0										0						323	4	20	28	48	729
No	53	8	15	28	53	10	19	7	13	746	53	15	53	19	13	746	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	30	5	17	14	47	6	20	5	17	744	30	17	47	20	17	744	5308	7	35	30	28	738
No	23	3	13	14	61	4	17	2	9	749	23	13	61	17	9	749	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	53	8	15	28	53	10	19	7	13	746	53	15	53	19	13	746	14112	16	42	25	18	745
Gender																						
Female	27	4	15	15	56	5	19	3	11	746	27	15	56	19	11	746	6992	16	43	25	16	745
Male	26	4	15	13	50	5	19	4	15	746	26	15	50	19	15	746	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	53	8	15	28	53	10	19	7	13	746	53	15	53	19	13	746	13096	16	43	24	17	745
Gifted/talented program																						
Yes	0										0						676	68	29	2	0	767
No	53	8	15	28	53	10	19	7	13	746	53	15	53	19	13	746	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: Jay School Department
School: Jay Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	6	0	0	2	67	1	33	0	0	745	6	0	67	33	0	745	7	6	30	28	36	735
B. less than one hour	49	3	12	16	62	5	19	2	8	748	49	12	62	19	8	748	52	16	42	25	17	745
C. one to two hours	43	5	22	10	43	3	13	5	22	745	43	22	43	13	22	745	37	18	44	24	14	747
D. more than two hours	2	0	0	0	0	1	100	0	0	738	2	0	0	100	0	738	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	26	7	50	3	21	2	14	2	14	755	26	50	21	14	14	755	26	35	43	12	9	754
B. good	40	1	5	15	71	4	19	1	5	747	40	5	71	19	5	747	46	13	48	25	15	745
C. fair	30	0	0	10	63	3	19	3	19	740	30	0	63	19	19	740	23	3	32	37	27	737
D. poor	4	0	0	0	0	1	50	1	50	721	4	0	0	50	50	721	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.	38	4	20	7	35	5	25	4	20	745	38	20	35	25	20	745	26	23	43	20	13	749
B. They match some of what I have learned.	49	3	12	18	69	5	19	0	0	750	49	12	69	19	0	750	53	15	45	26	15	746
C. They match just a little of what I have learned.	8	0	0	3	75	0	0	1	25	741	8	0	75	0	25	741	17	9	35	32	24	740
D. There is no match.	6	1	33	0	0	0	0	2	67	731	6	33	0	0	67	731	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	25	0	0	9	69	1	8	3	23	740	25	0	69	8	23	740	37	8	40	29	23	740
B. about the same as my regular schoolwork	65	5	15	17	50	9	26	3	9	748	65	15	50	26	9	748	51	16	44	25	15	746
C. easier than my regular schoolwork	10	3	60	2	40	0	0	0	0	762	10	60	40	0	0	762	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.	48	6	24	10	40	6	24	3	12	748	48	24	40	24	12	748	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	46	2	8	17	71	4	17	1	4	750	46	8	71	17	4	750	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	6	0	0	1	33	0	0	2	67	720	6	0	33	0	67	720	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	4	1	50	0	0	0	0	1	50	740	4	50	0	0	50	740	8	8	30	29	33	737
B. 30–45 minutes	58	3	10	19	61	6	19	3	10	746	58	10	61	19	10	746	38	13	40	27	20	743
C. 45–60 minutes	36	4	21	9	47	4	21	2	11	749	36	21	47	21	11	749	42	20	45	23	12	748
D. more than 60 minutes	2	0	0	0	0	0	0	1	100	708	2	0	0	0	100	708	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	42	3	14	9	41	5	23	5	23	740	42	14	41	23	23	740	15	19	38	25	19	745
B. two or three days a week	47	5	20	14	56	5	20	1	4	751	47	20	56	20	4	751	31	18	42	24	16	746
C. two or three times a month	9	0	0	4	80	0	0	1	20	745	9	0	80	0	20	745	26	17	43	24	17	746
D. never or almost never	2	0	0	1	100	0	0	0	0	752	2	0	100	0	0	752	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	9	0	0	4	80	0	0	1	20	740	9	0	80	0	20	740	10	12	39	24	24	741
B. two or three days a week	17	0	0	5	56	3	33	1	11	742	17	0	56	33	11	742	22	13	43	26	18	744
C. two or three times each month	49	7	27	12	46	4	15	3	12	750	49	27	46	15	12	750	33	18	44	25	13	747
D. never or almost never	25	1	8	7	54	3	23	2	15	744	25	8	54	23	15	744	35	16	40	25	19	744
Optional school/SAU question																						
A.	40	0	0	0	0	0	0	2	100	707	40	0	0	0	100	707						
B.	0										0											
C.	40	0	0	0	0	0	0	2	100	704	40	0	0	0	100	704						
D.	20	0	0	1	100	0	0	0	0	760	20	0	100	0	0	760						

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