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 3

Test Date:	March 2009
Code:	11481378
SAU:	Sanford School Department
School:	Emerson 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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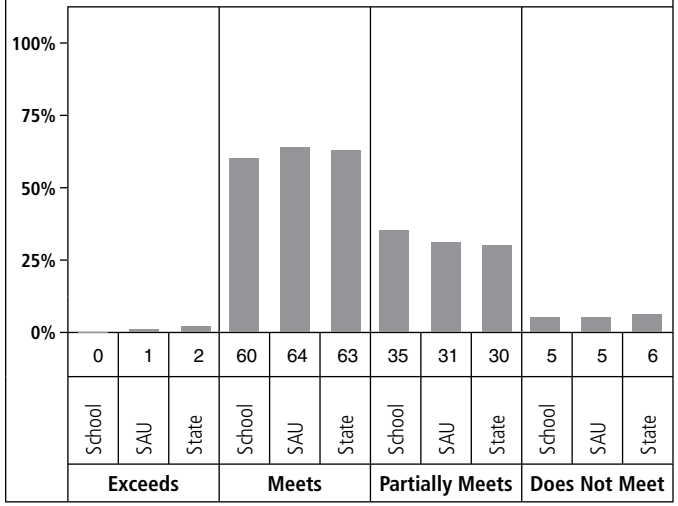
SUMMARY OF SCORES

Test Date: March 2009
Grade: 3
SAU: Sanford School Department
School: Emerson School

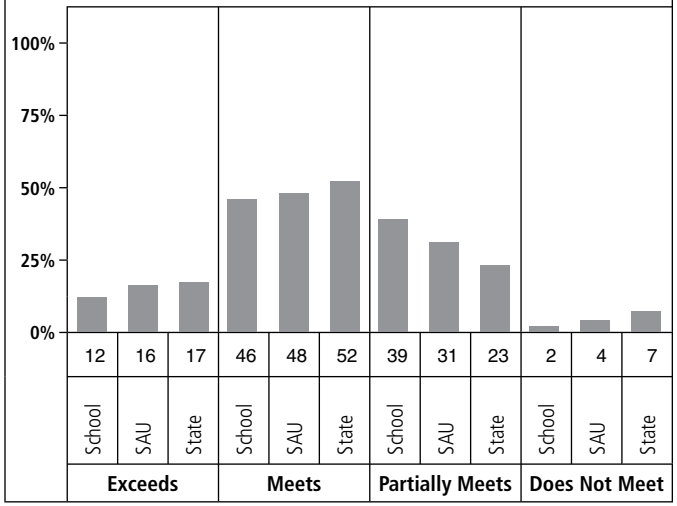
Summary of School, SAU, and State Scores

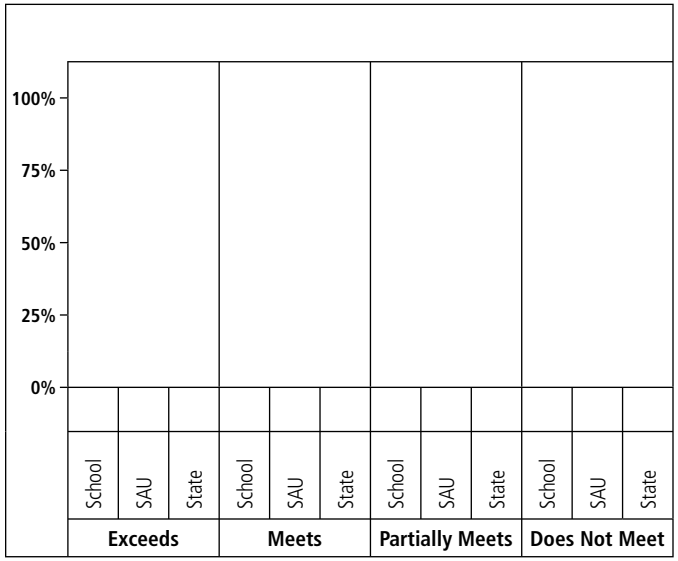
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	342	344	345
2007–2008	343	344	344
2008–2009	**344**	**344**	**345**
Cum. Avg.*	343	344	345
Mathematics			
2006–2007	340	346	347
2007–2008	345	346	347
2008–2009	**347**	**348**	**348**
Cum. Avg.*	344	347	347

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: 3
SAU: Sanford School Department
School: Emerson 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	43	100	209	100	13763	100	43	100	208	100	13691	100	43	100	208	100	13691	100						
Ethnicity African American/Black	0	0	3	1	416	3	0	0	3	100	412	99	0	0	3	100	414	100						
American Indian or Native Alaskan	0	0	1	0	102	1	0	0	1	100	101	100	0	0	1	100	101	100						
Asian or Pacific Islander	0	0	6	3	232	2	0	0	6	100	226	97	0	0	6	100	227	98						
Hispanic	1	2	4	2	167	1	1	100	3	75	164	98	1	100	3	75	164	98						
Caucasian/White	42	98	195	93	12846	93	42	100	195	100	12788	100	42	100	195	100	12785	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	15	35	47	22	2414	18	15	100	47	100	2388	100	15	100	47	100	2388	100						
Current LEP	0	0	7	3	420	3	0	0	6	86	413	98	0	0	6	86	417	99						
Economically disadvantaged	33	77	121	58	5887	43	33	100	121	100	5847	100	33	100	121	100	5846	100						
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	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	30	70	143	68	10316	75	30	70	143	68	10355	75						
Identified disability (PET/IEP)	2	7	4	3	437	4	2	7	4	3	445	4						
LEP	0	0	3	2	192	2	0	0	3	2	193	2						
504 plan	0	0	0	0	83	1	0	0	0	0	83	1						
Participation with accommodations	10	23	57	27	3179	23	11	26	58	28	3152	23						
Identified disability (PET/IEP)	10	100	35	61	1757	55	11	100	36	62	1759	56						
LEP	0	0	3	5	214	7	0	0	3	5	219	7						
504 plan	0	0	3	5	63	2	0	0	3	5	64	2						
Other	0	0	18	32	1192	37	0	0	18	31	1157	37						
Participation through alternate assessment (PAAP)	3	7	8	4	194	1	2	5	7	3	184	1						
Identified disability (PET/IEP)	3	100	8	100	194	100	2	100	7	100	184	100						
LEP	0	0	0	0	5	3	0	0	0	0	5	3						
504 plan	0	0	0	0	1	1	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	19	0	0	0	0	0	21	0						
Non-participation – other	0	0	1	0	53	0	0	0	1	0	51	0						

[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:	3
SAU:	Sanford School Department
School:	Emerson 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 362–380)	2006-2007	0	0	0	0	332	2
	2007-2008	0	0	1	0	227	2
	2008-2009	**0**	**0**	**1**	**1**	**262**	**2**
	Cum. Total*	0	0	2	0	821	2
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 342–360)	2006-2007	21	55	144	65	8691	63
	2007-2008	26	54	147	63	8403	62
	2008-2009	**24**	**60**	**128**	**64**	**8500**	**63**
	Cum. Total*	71	56	419	64	25594	63
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 332–340)	2006-2007	10	26	60	27	3781	27
	2007-2008	17	35	68	29	4018	30
	2008-2009	**14**	**35**	**61**	**31**	**3985**	**30**
	Cum. Total*	41	33	189	29	11784	29
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 300–330)	2006-2007	7	18	19	9	1021	7
	2007-2008	5	10	19	8	938	7
	2008-2009	**2**	**5**	**10**	**5**	**748**	**6**
	Cum. Total*	14	11	48	7	2707	7

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	**46**	**100**	27.8	60.4	28.2	61.3	28.3	61.5
A1/A2 Interconnected Elements/Literary Text	**32**	**70**	19.6	61.3	19.9	62.2	19.9	62.2
A1/A3 Interconnected Elements/Informational Text	**14**	**30**	8.2	58.6	8.3	59.3	8.4	60.0

The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include 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: 3
SAU: Sanford School Department
School: Emerson 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	40	0	0	24	60	14	35	2	5	344	200	1	64	31	5	344	13495	2	63	30	6	345
Ethnicity																						
African American/Black	0										3						402	0	40	41	18	339
American Indian or Native Alaskan	0										1						99	0	64	31	5	343
Asian or Pacific Islander	0										6	0	67	0	33	339	222	4	63	25	8	345
Hispanic	1										3						162	0	51	38	10	342
Caucasian/White	39	0	0	24	62	14	36	1	3	344	187	1	63	33	4	345	12610	2	64	29	5	345
Not Reported	0										0						0					
Identified disability																						
Yes	12	0	0	4	33	7	58	1	8	339	39	0	26	64	10	339	2194	0	32	50	18	338
No	28	0	0	20	71	7	25	1	4	346	161	1	73	22	4	346	11301	2	69	26	3	346
Current LEP																						
Yes	0										6	0	83	0	17	343	406	0	39	41	20	339
No	40	0	0	24	60	14	35	2	5	344	194	1	63	31	5	344	13089	2	64	29	5	345
Economically disadvantaged																						
Yes	31	0	0	16	52	13	42	2	6	343	114	0	56	38	6	343	5721	1	52	39	9	342
No	9	0	0	8	89	1	11	0	0	349	86	1	74	21	3	346	7774	3	71	23	3	346
Migrant																						
Yes	0										0						6	0	67	33	0	345
No	40	0	0	24	60	14	35	2	5	344	200	1	64	31	5	344	13489	2	63	30	6	345
Gender																						
Female	22	0	0	15	68	6	27	1	5	345	98	0	69	26	5	345	6568	3	67	26	4	346
Male	18	0	0	9	50	8	44	1	6	343	102	1	59	35	5	344	6927	1	59	33	7	343
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	0	0	1	13	6	75	1	13	337	41	0	32	54	15	338	2300	0	39	49	11	340
No	32	0	0	23	72	8	25	1	3	346	159	1	72	25	3	346	11195	2	68	25	4	345
Gifted/talented program																						
Yes	0										0						155	11	87	2	0	354
No	40	0	0	24	60	14	35	2	5	344	200	1	64	31	5	344	13340	2	63	30	6	344

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: 3
SAU: Sanford School Department
School: Emerson 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	0										2	0	50	50	0	342	5	1	44	39	16	340
B. less than one hour	88	0	0	20	57	14	40	1	3	344	85	1	64	31	4	344	80	2	66	28	4	345
C. one to two hours	13	0	0	4	80	0	0	1	20	346	11	0	62	24	14	344	13	2	61	32	6	344
D. more than two hours	0										1	0	50	0	50	339	3	1	36	45	18	339
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	55	0	0	13	59	9	41	0	0	345	56	0	77	20	3	346	47	3	68	24	4	346
B. good	38	0	0	10	67	4	27	1	7	344	35	2	52	42	5	343	41	1	62	31	5	344
C. fair	8	0	0	1	33	1	33	1	33	337	9	0	38	44	19	340	9	0	51	41	8	342
D. poor	0										1	0	50	0	50	337	2	0	30	51	19	338
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.	43	0	0	8	47	7	41	2	12	342	35	0	60	29	11	343	31	3	63	28	6	345
B. They match some of what I have learned.	48	0	0	15	79	4	21	0	0	347	46	1	72	25	2	346	49	2	68	26	3	345
C. They match just a little of what I have learned.	10	0	0	1	25	3	75	0	0	341	14	0	58	42	0	343	14	1	53	39	7	342
D. There is no match.	0										5	0	40	50	10	342	6	0	43	43	14	340
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	10	0	0	2	50	2	50	0	0	344	19	0	57	34	9	343	18	1	50	38	11	342
B. about the same as my regular schoolwork	53	0	0	15	71	6	29	0	0	346	55	1	68	28	3	346	57	2	68	26	3	346
C. easier than my regular schoolwork	38	0	0	7	47	6	40	2	13	341	27	0	60	32	8	343	25	1	61	31	6	344
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	15	0	0	3	50	3	50	0	0	343	16	0	45	48	7	341	15	0	38	48	14	340
B. Most of the passages were about the same as what I normally read.	43	0	0	11	65	6	35	0	0	345	46	0	59	38	4	344	48	2	66	29	4	345
C. Most of the passages were easier than what I normally read.	43	0	0	10	59	5	29	2	12	343	39	1	78	14	7	346	37	3	70	23	4	347
How much time do you spend reading at home each day?																						
A. more than one hour	13	0	0	3	60	2	40	0	0	346	20	0	70	27	3	345	22	3	67	25	4	346
B. 20 minutes to an hour	54	0	0	12	57	7	33	2	10	343	62	1	68	26	5	345	46	2	68	26	4	346
C. less than 20 minutes	10	0	0	2	50	2	50	0	0	346	9	0	41	59	0	343	18	1	56	36	8	343
D. I rarely read at home.	23	0	0	6	67	3	33	0	0	345	9	0	44	44	13	341	14	0	50	40	10	341
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	26	0	0	4	40	6	60	0	0	342	27	0	59	37	4	344	29	1	56	36	7	343
B. six to ten pages	26	0	0	8	80	2	20	0	0	346	22	0	65	30	5	344	21	2	62	31	5	344
C. eleven or more pages	49	0	0	11	58	6	32	2	11	344	52	1	65	27	6	345	50	3	68	25	5	346
Optional school/SAU question																						
A.	0										0											
B.	67	0	0	0	0	2	100	0	0	340	50	0	0	100	0	340						
C.	33	0	0	1	100	0	0	0	0	342	25	0	100	0	0	342						
D.	0										25	0	0	100	0	332						

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:	3
SAU:	Sanford School Department
School:	Emerson 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 362–380)	2006-2007	3	8	25	11	1985	14
	2007-2008	5	10	30	13	2277	17
	2008-2009	**5**	**12**	**33**	**16**	**2328**	**17**
	Cum. Total*	13	10	88	13	6590	16
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 342–360)	2006-2007	12	32	111	50	6990	51
	2007-2008	22	46	129	55	6764	50
	2008-2009	**19**	**46**	**97**	**48**	**7045**	**52**
	Cum. Total*	53	42	337	51	20799	51
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 326–340)	2006-2007	17	45	71	32	3673	27
	2007-2008	15	31	58	25	3504	26
	2008-2009	**16**	**39**	**63**	**31**	**3137**	**23**
	Cum. Total*	48	38	192	29	10314	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 300–324)	2006-2007	6	16	16	7	1193	9
	2007-2008	6	13	17	7	1044	8
	2008-2009	**1**	**2**	**8**	**4**	**997**	**7**
	Cum. Total*	13	10	41	6	3234	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	**48**	**100**	30.8	64.2	31.3	65.2	31.5	65.6
A. Number	**20**	**42**	12.6	63.0	12.7	63.5	12.8	64.0
B. Data	**8**	**17**	6.0	75.0	6.1	76.3	6.1	76.3
C. Geometry	**8**	**17**	5.5	68.8	5.6	70.0	5.5	68.8
D. Algebra	**12**	**25**	6.7	55.8	7.0	58.3	7.1	59.2

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: 3
SAU: Sanford School Department
School: Emerson 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	41	5	12	19	46	16	39	1	2	347	201	16	48	31	4	348	13507	17	52	23	7	348
Ethnicity																						
African American/Black	0										3						407	7	37	32	24	338
American Indian or Native Alaskan	0										1						99	7	47	38	7	344
Asian or Pacific Islander	0										6	0	67	17	17	343	223	25	45	24	7	350
Hispanic	1										3						162	6	44	35	15	341
Caucasian/White	40	5	13	19	48	15	38	1	3	347	188	17	47	32	4	348	12616	18	53	23	7	348
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	5	38	8	62	0	0	341	40	3	30	60	8	339	2204	6	36	36	22	338
No	28	5	18	14	50	8	29	1	4	349	161	20	53	24	3	350	11303	19	55	21	4	350
Current LEP																						
Yes	0										6	0	83	17	0	347	412	7	37	35	21	339
No	41	5	12	19	46	16	39	1	2	347	195	17	47	32	4	348	13095	18	53	23	7	348
Economically disadvantaged																						
Yes	31	2	6	14	45	15	48	0	0	345	114	10	46	40	4	345	5727	10	48	31	12	343
No	10	3	30	5	50	1	10	1	10	353	87	25	51	20	5	351	7780	23	55	18	4	351
Migrant																						
Yes	0										0						6	0	67	33	0	345
No	41	5	12	19	46	16	39	1	2	347	201	16	48	31	4	348	13501	17	52	23	7	348
Gender																						
Female	22	3	14	8	36	10	45	1	5	346	98	14	50	30	6	347	6568	16	52	24	8	348
Male	19	2	11	11	58	6	32	0	0	348	103	18	47	33	2	348	6939	18	53	22	7	348
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	0	0	1	13	6	75	1	13	336	41	0	29	63	7	338	2300	4	43	39	14	340
No	33	5	15	18	55	10	30	0	0	350	160	21	53	23	3	350	11207	20	54	20	6	350
Gifted/talented program																						
Yes	0										0						155	73	26	1	0	368
No	41	5	12	19	46	16	39	1	2	347	201	16	48	31	4	348	13352	17	52	23	7	348

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: 3
SAU: Sanford School Department
School: Emerson 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	0										2	0	50	50	0	340	5	9	38	32	21	340
B. less than one hour	88	3	8	18	50	14	39	1	3	346	85	15	49	32	4	347	80	19	54	22	5	349
C. one to two hours	12	2	40	1	20	2	40	0	0	352	11	29	38	24	10	349	13	16	51	24	9	347
D. more than two hours	0										1	50	0	50	0	351	3	6	31	39	24	337
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	51	4	19	12	57	5	24	0	0	351	44	27	52	19	2	352	40	25	51	17	7	351
B. good	41	1	6	7	41	8	47	1	6	343	43	11	49	34	6	346	45	14	56	24	6	348
C. fair	7	0	0	0	0	3	100	0	0	339	10	0	32	63	5	339	12	7	49	34	10	343
D. poor	0										2	0	25	75	0	339	3	3	35	43	20	337
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.	44	4	22	7	39	6	33	1	6	349	44	20	48	26	6	349	38	23	52	19	5	351
B. They match some of what I have learned.	41	1	6	10	59	6	35	0	0	347	39	14	58	25	4	348	45	16	56	22	6	348
C. They match just a little of what I have learned.	12	0	0	1	20	4	80	0	0	341	14	12	24	64	0	344	12	10	45	33	12	343
D. There is no match.	2	0	0	1	100	0	0	0	0	344	3	0	50	50	0	341	5	5	35	38	22	338
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	15	0	0	1	17	5	83	0	0	338	14	12	12	76	0	342	17	8	45	34	13	342
B. about the same as my regular schoolwork	43	2	12	11	65	4	24	0	0	349	58	17	54	23	6	348	59	19	55	21	5	350
C. easier than my regular schoolwork	43	3	18	7	41	6	35	1	6	348	29	17	52	27	4	349	24	20	51	21	8	349
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	13	0	0	1	20	4	80	0	0	336	7	0	23	69	8	335	15	8	41	35	15	341
B. 30–45 minutes	10	0	0	3	75	1	25	0	0	346	21	10	49	33	8	345	29	16	54	23	6	348
C. 45–60 minutes	18	0	0	3	43	4	57	0	0	342	21	15	44	36	5	347	32	21	55	19	5	350
D. more than 60 minutes	60	5	21	12	50	7	29	0	0	352	50	23	54	22	1	351	25	21	53	20	6	350
How often do you use calculators in mathematics class?																						
A. almost every day	13	0	0	0	0	5	100	0	0	335	8	7	21	57	14	338	6	6	33	39	23	337
B. two or three days a week	18	2	29	4	57	1	14	0	0	352	17	13	61	26	0	349	12	15	55	22	8	348
C. two or three times each month	38	2	13	7	47	6	40	0	0	349	33	25	46	28	2	350	26	20	56	19	5	350
D. never or almost never	33	1	8	7	54	4	31	1	8	346	43	13	49	33	6	346	56	18	52	23	7	348
How often do you use hands-on materials in mathematics class?																						
A. almost every day	36	1	7	6	43	6	43	1	7	342	41	12	43	36	9	345	37	14	51	27	9	346
B. two or three days a week	26	3	30	6	60	1	10	0	0	356	33	31	58	12	0	354	27	20	55	19	6	350
C. two or three times each month	21	0	0	4	50	4	50	0	0	347	13	4	50	46	0	345	19	22	53	19	6	350
D. never or almost never	18	1	14	2	29	4	57	0	0	345	13	9	39	48	4	344	18	15	51	26	8	347
Optional school/SAU question																						
A.	0										0											
B.	67	0	0	1	50	1	50	0	0	341	50	0	50	50	0	341						
C.	33	0	0	0	0	1	100	0	0	340	25	0	0	100	0	340						
D.	0										25	0	0	100	0	338						

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