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 5

Test Date:	March 2009
Code:	12641790
SAU:	MSAD 72
School:	Charles A Snow 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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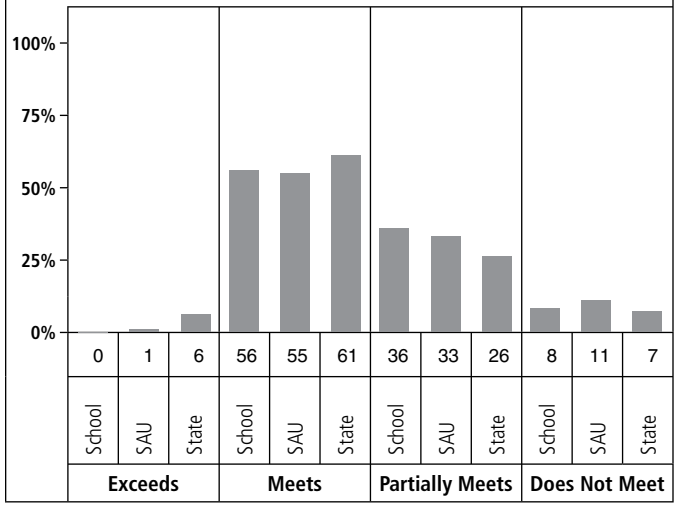
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: MSAD 72
School: Charles A Snow School

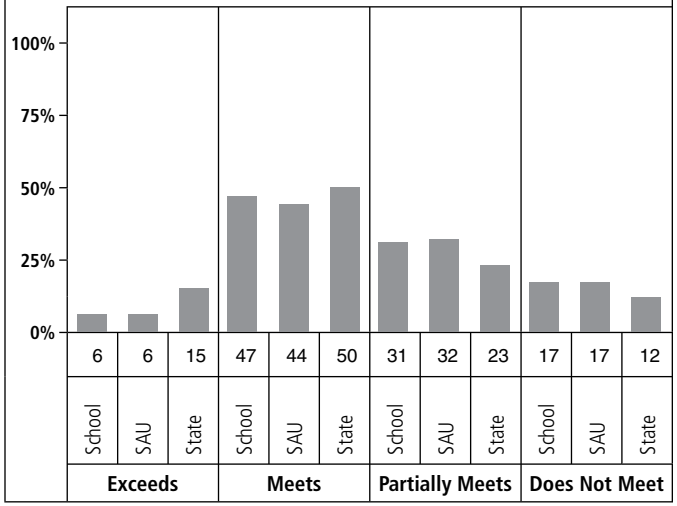
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	542	544	544
2007–2008	543	545	545
2008–2009	**543**	**543**	**546**
Cum. Avg.*	543	544	545
Mathematics			
2006–2007	548	550	546
2007–2008	545	545	546
2008–2009	**542**	**542**	**547**
Cum. Avg.*	545	546	546
Science 2008-2009 **	**540**	**541**	**543**

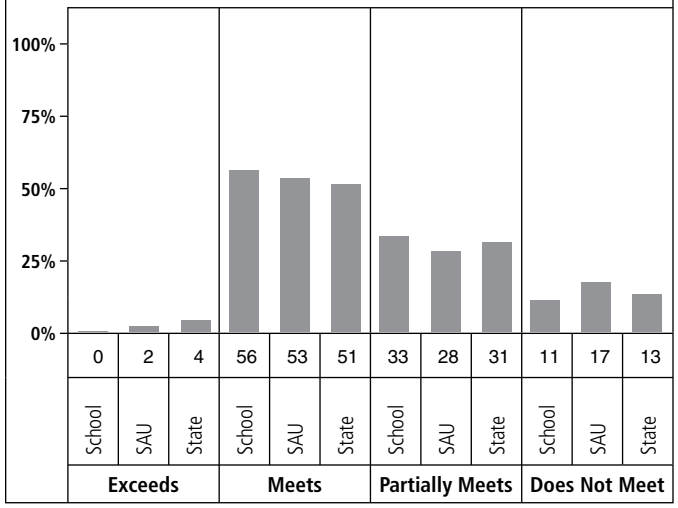
ELA – READING



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 testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 5
SAU: MSAD 72
School: Charles A Snow 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	36	100	93	100	14212	100	36	100	92	99	14135	100	36	100	93	100	14144	100	36	100	93	100	14137	100
Ethnicity African American/Black	1	3	2	2	397	3	1	100	2	100	388	98	1	100	2	100	393	99	1	100	2	100	389	98
American Indian or Native Alaskan	0	0	1	1	110	1	0	0	1	100	110	100	0	0	1	100	110	100	0	0	1	100	110	100
Asian or Pacific Islander	0	0	0	0	259	2	0	0	0	0	253	98	0	0	0	0	258	100	0	0	0	0	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	35	97	90	97	13271	93	35	100	89	99	13212	100	35	100	90	100	13211	100	35	100	90	100	13208	100
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	2	6	18	19	2479	17	2	100	17	94	2454	100	2	100	18	100	2455	100	2	100	18	100	2451	99
Current LEP	1	3	2	2	374	3	1	100	2	100	359	96	1	100	2	100	370	99	1	100	2	100	366	98
Economically disadvantaged	16	44	48	52	5848	41	16	100	47	98	5815	100	16	100	48	100	5819	100	16	100	48	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	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	26	72	62	67	10849	76	26	72	62	67	10872	76	26	72	62	67	10976	77
Identified disability (PET/IEP)	0	0	3	5	298	3	0	0	3	5	307	3	0	0	3	5	338	3
LEP	1	4	2	3	170	2	1	4	2	3	169	2	1	4	2	3	177	2
504 plan	0	0	1	2	123	1	0	0	1	2	121	1	0	0	1	2	126	1
Participation with accommodations	10	28	30	32	3122	22	10	28	31	33	3124	22	10	28	31	33	3019	21
Identified disability (PET/IEP)	2	20	14	47	1992	64	2	20	15	48	2000	64	2	20	15	48	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	8	80	16	53	907	29	8	80	16	52	886	28	8	80	16	52	826	27
Participation through alternate assessment (PAAP)	0	0	0	0	164	1	0	0	0	0	148	1	0	0	0	0	142	1
Identified disability (PET/IEP)	0	0	0	0	164	100	0	0	0	0	148	100	0	0	0	0	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
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	19	0	0	0	0	0	19	0	0	0	0	0	20	0
Non-participation – other	0	0	1	1	58	0	0	0	0	0	49	0	0	0	0	0	55	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:	5
SAU:	MSAD 72
School:	Charles A Snow 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 562–580)	2006-2007	0	0	3	3	702	5
	2007-2008	1	4	1	1	659	5
	2008-2009	**0**	**0**	**1**	**1**	**836**	**6**
	Cum. Total*	1	1	5	2	2197	5
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 542–560)	2006-2007	22	50	55	52	7730	55
	2007-2008	13	54	49	63	8195	58
	2008-2009	**20**	**56**	**51**	**55**	**8495**	**61**
	Cum. Total*	55	53	155	56	24420	58
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 532–540)	2006-2007	18	41	38	36	4182	30
	2007-2008	8	33	24	31	3800	27
	2008-2009	**13**	**36**	**30**	**33**	**3667**	**26**
	Cum. Total*	39	38	92	33	11649	28
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 500–530)	2006-2007	4	9	9	9	1419	10
	2007-2008	2	8	4	5	1362	10
	2008-2009	**3**	**8**	**10**	**11**	**973**	**7**
	Cum. Total*	9	9	23	8	3754	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	**48**	**100**	28.9	60.2	28.8	60.0	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	**24**	**50**	14.8	61.7	14.3	59.6	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	**24**	**50**	14.1	58.8	14.5	60.4	15.8	65.8

The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. 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: 5
SAU: MSAD 72
School: Charles A Snow 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	36	0	0	20	56	13	36	3	8	543	92	1	55	33	11	543	13971	6	61	26	7	546
Ethnicity																						
African American/Black	1										2						381	2	44	31	23	540
American Indian or Native Alaskan	0										1						110	0	48	38	14	541
Asian or Pacific Islander	0										0						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	35	0	0	20	57	12	34	3	9	543	89	1	56	33	10	543	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	2										17	0	29	53	18	536	2290	0	29	47	23	537
No	34	0	0	18	53	13	38	3	9	543	75	1	61	28	9	544	11681	7	67	22	4	548
Current LEP																						
Yes	1										2						354	1	35	34	30	538
No	35	0	0	19	54	13	37	3	9	543	90	1	56	33	10	543	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	16	0	0	10	63	4	25	2	13	543	47	0	47	36	17	541	5716	2	51	35	12	542
No	20	0	0	10	50	9	45	1	5	543	45	2	64	29	4	545	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	36	0	0	20	56	13	36	3	8	543	92	1	55	33	11	543	13963	6	61	26	7	546
Gender																						
Female	20	0	0	10	50	8	40	2	10	542	45	0	62	33	4	545	6882	8	62	24	6	547
Male	16	0	0	10	63	5	31	1	6	545	47	2	49	32	17	541	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	10	0	0	3	30	4	40	3	30	538	22	0	27	50	23	538	1914	1	41	44	14	540
No	26	0	0	17	65	9	35	0	0	545	70	1	64	27	7	545	12057	7	64	23	6	547
Gifted/talented program																						
Yes	9	0	0	9	100	0	0	0	0	551	17	6	94	0	0	553	450	26	72	2	0	557
No	27	0	0	11	41	13	48	3	11	540	75	0	47	40	13	541	13521	5	60	27	7	545

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: 5
SAU: MSAD 72
School: Charles A Snow 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	0	100	0	537	4	2	40	34	24	540
B. less than one hour	31	0	0	8	73	2	18	1	9	546	52	0	61	26	13	544	70	6	63	26	6	546
C. one to two hours	56	0	0	12	60	7	35	1	5	543	39	3	57	34	6	544	24	7	61	26	6	546
D. more than two hours	14	0	0	0	0	4	80	1	20	536	7	0	17	67	17	538	2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	42	0	0	12	80	3	20	0	0	547	37	0	73	24	3	546	36	10	67	18	5	549
B. good	53	0	0	8	42	8	42	3	16	540	55	2	49	39	10	543	47	5	62	27	6	546
C. fair	6	0	0	0	0	2	100	0	0	540	6	0	20	40	40	535	15	2	47	40	12	541
D. poor	0										2	0	0	50	50	522	2	0	30	46	24	537
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.	22	0	0	4	50	3	38	1	13	541	22	5	65	25	5	545	31	9	65	20	5	548
B. They match some of what I have learned.	50	0	0	10	56	6	33	2	11	543	57	0	55	37	8	544	55	5	63	27	5	546
C. They match just a little of what I have learned.	28	0	0	6	60	4	40	0	0	544	17	0	53	33	13	543	10	3	45	38	14	542
D. There is no match.	0										3	0	0	33	67	522	3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	11	0	0	3	75	1	25	0	0	549	16	0	36	43	21	538	16	3	49	32	15	542
B. about the same as my regular schoolwork	75	0	0	14	52	10	37	3	11	543	64	2	61	32	5	545	64	7	63	25	5	547
C. easier than my regular schoolwork	14	0	0	3	60	2	40	0	0	541	20	0	50	33	17	542	20	5	62	26	7	546
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	8	0	0	1	33	2	67	0	0	544	8	0	14	71	14	538	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	50	0	0	9	50	6	33	3	17	542	51	2	55	32	11	543	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	42	0	0	10	67	5	33	0	0	544	41	0	66	29	6	545	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	14	0	0	4	80	1	20	0	0	546	20	0	61	22	17	542	20	10	64	21	5	548
B. 20 minutes to an hour	64	0	0	12	52	8	35	3	13	543	57	2	59	31	8	545	56	7	65	24	5	547
C. less than 20 minutes	17	0	0	2	33	4	67	0	0	540	11	0	40	60	0	541	10	3	52	33	12	543
D. I rarely read at home.	6	0	0	2	100	0	0	0	0	543	11	0	40	40	20	540	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	9	0	0	3	100	0	0	0	0	547	11	0	56	22	22	537	25	3	53	33	11	543
B. six to ten pages	14	0	0	1	20	4	80	0	0	539	24	5	45	50	0	543	26	6	61	26	7	546
C. eleven or more pages	77	0	0	15	56	9	33	3	11	543	65	0	62	27	11	545	49	8	65	23	5	547
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										100	0	0	0	100	522						

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:	5
SAU:	MSAD 72
School:	Charles A Snow 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 562–580)	2006-2007	4	9	16	15	1711	12
	2007-2008	4	17	10	13	1617	12
	2008-2009	**2**	**6**	**6**	**6**	**2119**	**15**
	Cum. Total*	10	10	32	12	5447	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 542–560)	2006-2007	29	66	62	59	6778	48
	2007-2008	9	38	39	50	7284	52
	2008-2009	**17**	**47**	**41**	**44**	**7046**	**50**
	Cum. Total*	55	53	142	51	21108	50
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 530–540)	2006-2007	9	20	24	23	3884	28
	2007-2008	8	33	21	27	3341	24
	2008-2009	**11**	**31**	**30**	**32**	**3193**	**23**
	Cum. Total*	28	27	75	27	10418	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 500–528)	2006-2007	2	5	3	3	1683	12
	2007-2008	3	13	8	10	1778	13
	2008-2009	**6**	**17**	**16**	**17**	**1638**	**12**
	Cum. Total*	11	11	27	10	5099	12

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**	22.1	46.0	22.1	46.0	25.5	53.1
A. Number	**18**	**38**	8.3	46.1	8.4	46.7	9.8	54.4
B. Data	**10**	**21**	4.7	47.0	4.7	47.0	5.2	52.0
C. Geometry	**10**	**21**	3.7	37.0	3.6	36.0	4.7	47.0
D. Algebra	**10**	**21**	5.4	54.0	5.4	54.0	5.7	57.0

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: 5
SAU: MSAD 72
School: Charles A Snow 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	36	2	6	17	47	11	31	6	17	542	93	6	44	32	17	542	13996	15	50	23	12	547
Ethnicity																						
African American/Black	1										2						385	6	35	28	30	537
American Indian or Native Alaskan	0										1						110	5	42	34	20	540
Asian or Pacific Islander	0										0						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	35	2	6	17	49	11	31	5	14	542	90	7	46	31	17	542	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	2										18	0	22	39	39	532	2307	3	32	32	33	536
No	34	2	6	17	50	10	29	5	15	543	75	8	49	31	12	544	11689	17	54	21	8	549
Current LEP																						
Yes	1										2						365	5	33	30	32	536
No	35	2	6	16	46	11	31	6	17	541	91	7	44	32	18	541	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	16	0	0	8	50	6	38	2	13	540	48	0	42	40	19	539	5731	7	46	29	18	542
No	20	2	10	9	45	5	25	4	20	543	45	13	47	24	16	544	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	36	2	6	17	47	11	31	6	17	542	93	6	44	32	17	542	13988	15	50	23	12	547
Gender																						
Female	20	1	5	7	35	9	45	3	15	540	45	7	44	31	18	542	6889	14	51	23	12	546
Male	16	1	6	10	63	2	13	3	19	544	48	6	44	33	17	541	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	10	0	0	4	40	3	30	3	30	538	22	0	36	36	27	537	1918	3	39	36	22	539
No	26	2	8	13	50	8	31	3	12	543	71	8	46	31	14	543	12078	17	52	21	10	548
Gifted/talented program																						
Yes	9	2	22	7	78	0	0	0	0	555	17	29	71	0	0	557	450	64	34	2	0	564
No	27	0	0	10	37	11	41	6	22	537	76	1	38	39	21	538	13546	14	51	23	12	546

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: 5
SAU: MSAD 72
School: Charles A Snow 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	0	50	50	530	4	8	38	26	28	539
B. less than one hour	31	1	9	5	45	2	18	3	27	541	52	9	39	35	17	541	70	15	52	23	10	547
C. one to two hours	56	1	5	11	55	7	35	1	5	544	39	6	57	29	9	544	24	15	51	23	11	547
D. more than two hours	14	0	0	1	20	2	40	2	40	534	7	0	17	50	33	535	2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	9	1	33	1	33	1	33	0	0	546	17	27	40	27	7	549	34	28	50	14	8	552
B. good	69	1	4	13	54	7	29	3	13	543	54	4	49	30	17	542	45	11	54	24	10	546
C. fair	17	0	0	2	33	3	50	1	17	536	22	0	37	47	16	537	18	3	45	33	19	540
D. poor	6	0	0	1	50	0	0	1	50	540	7	0	33	50	17	539	3	1	29	41	29	535
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.	28	2	20	6	60	1	10	1	10	551	24	19	52	19	10	549	38	22	52	19	7	550
B. They match some of what I have learned.	47	0	0	9	53	7	41	1	6	540	53	2	47	40	11	540	48	12	53	24	11	546
C. They match just a little of what I have learned.	22	0	0	1	13	3	38	4	50	532	20	6	28	33	33	538	11	6	40	30	24	540
D. There is no match.	3	0	0	1	100	0	0	0	0	546	3	0	33	33	33	536	3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	25	0	0	4	44	4	44	1	11	539	22	0	30	45	25	535	17	7	42	30	21	540
B. about the same as my regular schoolwork	64	2	9	10	43	7	30	4	17	543	62	5	47	35	13	543	64	15	53	23	10	547
C. easier than my regular schoolwork	11	0	0	3	75	0	0	1	25	541	16	21	50	14	14	546	19	24	49	17	10	550
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	14	0	0	2	40	0	0	3	60	536	8	0	43	0	57	532	7	6	39	27	27	539
B. 30–45 minutes	44	1	6	6	38	7	44	2	13	542	25	9	41	32	18	541	28	9	49	28	15	544
C. 45–60 minutes	39	1	7	8	57	4	29	1	7	544	57	6	47	37	10	543	41	17	53	21	9	548
D. more than 60 minutes	3	0	0	1	100	0	0	0	0	546	10	11	33	44	11	542	24	21	51	20	8	549
How often do you use calculators in mathematics class?																						
A. almost every day	3	0	0	0	0	1	100	0	0	540	2	0	0	100	0	537	6	14	43	24	20	543
B. two or three days a week	0										0						24	17	52	21	10	548
C. two or three times each month	3	0	0	0	0	0	0	1	100	526	10	0	33	44	22	537	33	17	52	21	9	548
D. never or almost never	94	2	6	17	50	10	29	5	15	542	88	8	46	31	15	542	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	14	0	0	1	20	3	60	1	20	537	15	0	8	62	31	533	23	13	47	26	15	545
B. two or three days a week	11	0	0	4	100	0	0	0	0	551	35	3	61	26	10	545	31	17	52	21	10	548
C. two or three times each month	19	0	0	4	57	2	29	1	14	540	19	6	47	35	12	542	27	17	52	21	10	548
D. never or almost never	56	2	10	8	40	6	30	4	20	542	31	14	39	29	18	543	20	12	50	24	14	545
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										100	0	0	0	100	524						

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:	5
SAU:	MSAD 72
School:	Charles A Snow 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 562–580)	2008-2009*	0	0	2	2	626	4
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 542–560)	2008-2009*	20	56	49	53	7187	51
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 532–540)	2008-2009*	12	33	26	28	4364	31
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 500–530)	2008-2009*	4	11	16	17	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	**48**	**100**	27.4	57.1	28.0	58.3	29.2	60.8
D. The Physical Setting	**24**	**50**	12.1	50.4	12.2	50.8	12.9	53.8
E. The Living Environment	**24**	**50**	15.4	64.2	15.8	65.8	16.3	67.9

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

*Standards were set for the new grade 5 science assessment in May 2009 so no historical data are available.

SCIENCE RESULTS
(CONTINUED)

Test Date: March 2009
Grade: 5
SAU: MSAD 72
School: Charles A Snow 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	36	0	0	20	56	12	33	4	11	540	93	2	53	28	17	541	13995	4	51	31	13	543
Ethnicity																						
African American/Black	1										2						382	2	31	32	35	535
American Indian or Native Alaskan	0										1						110	3	36	35	26	538
Asian or Pacific Islander	0										0						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	35	0	0	19	54	12	34	4	11	540	90	2	52	29	17	541	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	2										18	0	44	17	39	534	2309	2	29	39	29	536
No	34	0	0	19	56	11	32	4	12	540	75	3	55	31	12	543	11686	5	56	30	10	545
Current LEP																						
Yes	1										2						361	1	23	32	44	533
No	35	0	0	19	54	12	34	4	11	540	91	2	53	29	16	541	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	16	0	0	8	50	6	38	2	13	539	48	0	48	31	21	539	5729	2	42	37	20	539
No	20	0	0	12	60	6	30	2	10	541	45	4	58	24	13	543	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	36	0	0	20	56	12	33	4	11	540	93	2	53	28	17	541	13987	4	51	31	13	543
Gender																						
Female	20	0	0	11	55	7	35	2	10	539	45	2	56	31	11	542	6886	4	49	33	14	542
Male	16	0	0	9	56	5	31	2	13	541	48	2	50	25	23	540	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	10	0	0	5	50	3	30	2	20	537	22	0	45	36	18	538	1917	1	31	41	28	536
No	26	0	0	15	58	9	35	2	8	541	71	3	55	25	17	542	12078	5	55	30	11	544
Gifted/talented program																						
Yes	9	0	0	9	100	0	0	0	0	550	17	12	88	0	0	553	450	25	72	2	1	557
No	27	0	0	11	41	12	44	4	15	537	76	0	45	34	21	538	13545	4	51	32	13	543

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

SCIENCE RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 72
School: Charles A Snow 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	0	50	538	4	2	37	35	25	538
B. less than one hour	31	0	0	7	64	3	27	1	9	540	52	4	61	17	17	543	70	4	53	31	12	544
C. one to two hours	56	0	0	10	50	8	40	2	10	540	39	0	46	43	11	540	24	5	51	31	12	544
D. more than two hours	14	0	0	3	60	1	20	1	20	541	7	0	50	33	17	541	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	19	0	0	4	57	2	29	1	14	540	31	0	71	14	14	544	26	7	56	26	11	545
B. good	72	0	0	13	50	10	38	3	12	539	48	5	47	40	9	542	53	4	53	31	11	544
C. fair	8	0	0	3	100	0	0	0	0	546	19	0	47	24	29	538	18	2	41	39	17	540
D. poor	0										1	0	0	0	100	522	3	1	33	36	30	536
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.	31	0	0	6	55	4	36	1	9	540	22	0	65	25	10	544	23	5	56	28	11	544
B. They match some of what I have learned.	25	0	0	2	22	5	56	2	22	532	28	0	40	40	20	538	48	5	52	31	12	544
C. They match just a little of what I have learned.	28	0	0	8	80	2	20	0	0	545	37	6	55	27	12	543	23	4	49	33	14	543
D. There is no match.	17	0	0	4	67	1	17	1	17	543	12	0	64	9	27	541	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	31	0	0	7	64	3	27	1	9	543	17	0	47	27	27	539	23	5	48	31	16	543
B. about the same as my regular schoolwork	43	0	0	7	47	5	33	3	20	537	44	3	62	21	15	542	58	4	52	32	12	543
C. easier than my regular schoolwork	26	0	0	5	56	4	44	0	0	542	39	3	47	38	12	542	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	6	0	0	1	50	0	0	1	50	539	25	0	55	27	18	543	33	5	51	31	14	543
B. a few times a week	31	0	0	6	55	3	27	2	18	537	29	4	50	23	23	540	45	4	52	32	11	544
C. once a week	8	0	0	2	67	1	33	0	0	542	6	0	80	20	0	546	8	4	50	30	16	542
D. a few times a month	56	0	0	11	55	8	40	1	5	542	40	3	53	33	11	542	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	36	0	0	6	46	5	38	2	15	538	20	6	44	33	17	541	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	11	0	0	2	50	2	50	0	0	540	36	0	44	31	25	539	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	25	0	0	4	44	3	33	2	22	536	16	0	50	29	21	539	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	28	0	0	8	80	2	20	0	0	547	27	4	75	21	0	548	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	19	0	0	5	71	2	29	0	0	545	44	3	59	23	15	544	47	4	51	32	12	543
B. a few times a month	33	0	0	5	42	4	33	3	25	535	25	0	41	41	18	537	27	5	54	30	11	544
C. once a month	14	0	0	2	40	2	40	1	20	538	10	11	44	22	22	542	10	5	49	30	15	543
D. never or almost never	33	0	0	8	67	4	33	0	0	543	21	0	63	26	11	543	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	17	0	0	4	67	2	33	0	0	544	43	3	63	21	13	544	46	4	52	32	12	543
B. a few times a month	25	0	0	3	33	3	33	3	33	532	22	0	30	45	25	535	28	5	53	30	12	544
C. once a month	19	0	0	4	57	2	29	1	14	539	15	8	54	23	15	543	11	4	47	34	15	542
D. never or almost never	39	0	0	9	64	5	36	0	0	544	20	0	61	28	11	543	15	4	50	30	16	542
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										100	0	0	0	100	514						

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