



August 2011

DEPARTMENT OF EDUCATION
2010–2011 School Year Reports

Dear School Board Members and School Personnel:

This 2010–2011 MEA Summary Report contains the results of student achievement in science at grades 5 and 8, as well as disaggregations by student and school characteristics. This report, together with MEA individual student and item analysis reports, provides support for use in program evaluation and planning.

The Maine Educational Assessment (MEA) is the State’s measure of student progress in achieving the State science 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 science test is administered to students in grades 5 and 8 to meet state assessment requirements and the federal requirements of the *No Child Left Behind Act*.

MEA results reflect scores based on the common science test questions that are taken by the approximately 14,000 students in each grade level. Students’ scores 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.

Thank you for your continuing commitment to improve the quality and effectiveness of the instructional opportunities in your schools. These assuredly will help all students achieve the high standards of the *Learning Results* as demonstrated on classroom, district, and state assessments.

Sincerely,

Stephen L. Bowen
Commissioner of Education



Grade 8 Science School Report

Test Date: May 2011
Code: 1266-1807
SAU: RSU 75/MSAD 75
School: Mt Ararat Middle School

Contents of the Report

The report is divided into three main sections including a section describing the students tested and a separate section for the content area results.

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May 2011 - Grade 8 MEA Science Test

Grade Level Summary Report

School: Mt Ararat Middle School
 SAU: RSU 75/MSAD 75
 State: Maine
 Code: 1266-1807

Schools and SAUs administered the MEA Science tests to every enrolled student with the following exceptions: students who participated in the alternate assessment for the 2010–11 school year, students for whom a special consideration was granted through the state Department of

Education, and other students for reasons not approved. On this page, and throughout this report, results are only reported for groups of students that are larger than nine (9).

PARTICIPATION SUMMARY	Number			Percentage		
	School	SAU	State	School	SAU	State
Students enrolled	215	215	14,258	100	100	100
	Science			Science		
Students tested	207	207	13,831	96	96	97
With an approved accommodation	54	54	1,898	26	26	14
Current LEP Students	0	0	308	0	0	2
With an approved accommodation	0	0	123			40
IEP Students	43	43	2,045	21	21	15
With an approved accommodation	40	40	1,529	93	93	75
Students not tested in MEA	8	8	427	4	4	3
State Approved	8	8	244	100	100	57
Alternate Assessment	2	2	204	25	25	84
Special Consideration	6	6	40	75	75	16
Other	0	0	183	0	0	43

PERFORMANCE SUMMARY

School												SAU						State						
Enrolled	Not Tested Approved	Not Tested Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
215	8	0	207	39	19	111	54	46	22	11	5	850	207	19	54	22	5	850	13,831	20	51	20	9	849

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Throughout this report, percentages may not total 100 since each percentage is rounded to the nearest whole number.



May 2011 - Grade 8 MEA

Science Results

School: Mt Ararat Middle School
SAU: RSU 75/MSAD 75
State: Maine
Code: 1266-1807

Proficient with Distinction (Level 4)

The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)

Proficient (Level 3)

The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)

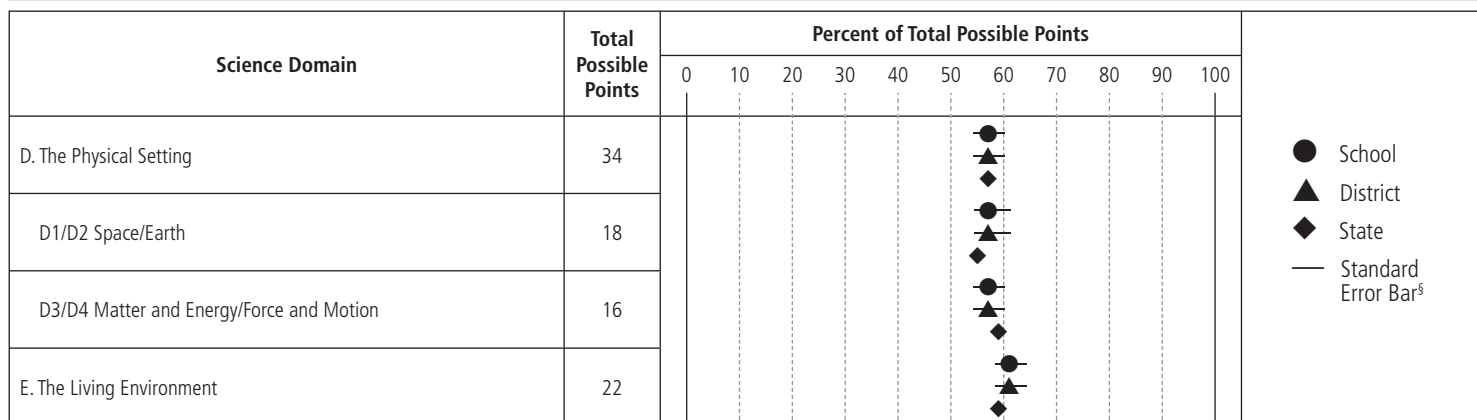
Partially Proficient (Level 2)

The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)

Substantially Below Proficient (Level 1)

The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)

	Enrolled	Not Tested Approved	Not Tested Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	
SCHOOL													
2008-09	210	*	*	204	32	16	105	51	59	29	8	4	848
2009-10	231	4	0	227	38	17	131	58	39	17	19	8	850
2010-11	215	8	0	207	39	19	111	54	46	22	11	5	850
Cumulative Total**	656	**	**	638	109	17	347	54	144	23	38	6	849
SAU													
2008-09	210	*	*	204	32	16	105	51	59	29	8	4	848
2009-10	231	4	0	227	38	17	131	58	39	17	19	8	850
2010-11	215	8	0	207	39	19	111	54	46	22	11	5	850
Cumulative Total**	656	**	**	638	109	17	347	54	144	23	38	6	849
STATE													
2008-09	14,804	*	*	14,263	2,155	15	6,687	47	3,672	26	1,749	12	846
2009-10	14,443	247	165	14,031	2,443	17	7,635	54	2,791	20	1,162	8	849
2010-11	14,258	244	183	13,831	2,771	20	7,024	51	2,780	20	1,256	9	849
Cumulative Total**	43,505	**	**	42,125	7,369	17	21,346	51	9,243	22	4,167	10	848



The MEA assesses students' science knowledge based on questions that measure the science accountability content strands 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>.

* Data not previously calculated.

** Percentages are calculated by dividing the cumulative total of students in the achievement level by the cumulative total of the number of students tested, when three years of data are available.

§The standard error bar indicates how much the percent of points earned could vary if the students were examined multiple times with the same test.



May 2011 - Grade 8 MEA

Disaggregated Science Results

School: Mt Ararat Middle School
 SAU: RSU 75/MSAD 75
 State: Maine
 Code: 1266-1807

REPORTING CATEGORIES	School												SAU					State							
	Enrolled	Not Tested Approved	Not Tested Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	215	8	0	207	39	19	111	54	46	22	11	5	850	207	19	54	22	5	850	13,831	20	51	20	9	849
Gender																									
Male	122	5	0	117	24	21	67	57	21	18	5	4	851	117	21	57	18	4	851	7,183	23	50	18	9	850
Female	93	3	0	90	15	17	44	49	25	28	6	7	848	90	17	49	28	7	848	6,648	17	52	22	9	848
Not Reported	0	0	0	0									0							0					
Race/Ethnicity																									
Hispanic or Latino	2	0	0	2									2							131	14	47	29	10	846
Not Hispanic or Latino																									
American Indian or Alaskan Native	3	0	0	3									3							178	22	52	15	11	849
Asian	3	0	0	3									3							385	6	40	29	25	838
Black or African American	1	0	0	1									1							188	13	46	29	12	845
Native Hawaiian or Pacific Islander	0	0	0	0									0							12	42	25	33	0	856
White	206	8	0	198	39	20	106	54	43	22	10	5	850	198	20	54	22	5	850	12,844	21	51	20	9	849
Two or more races	0	0	0	0									0							93	17	45	31	6	847
LEP Status																									
Currently receiving LEP services	0	0	0	0										0						308	2	31	32	35	834
Former LEP student - monitoring year 1	0	0	0	0										0						17	12	76	12	0	853
Former LEP student - monitoring year 2	0	0	0	0										0						14	14	79	7	0	852
All Other Students	215	8	0	207	39	19	111	54	46	22	11	5	850	207	19	54	22	5	850	13,492	20	51	20	9	849
IEP																									
Students with an IEP	50	7	0	43	5	12	14	33	18	42	6	14	841	43	12	33	42	14	841	2,045	6	32	34	28	837
All Other Students	165	1	0	164	34	21	97	59	28	17	5	3	852	164	21	59	17	3	852	11,786	22	54	18	6	851
SES																									
Economically Disadvantaged Students	65	4	0	61	3	5	34	56	17	28	7	11	844	61	5	56	28	11	844	5,853	11	49	25	15	844
All Other Students	150	4	0	146	36	25	77	53	29	20	4	3	852	146	25	53	20	3	852	7,978	27	52	16	5	852
Migrant																									
Migrant Students	0	0	0	0										0						3					
All Other Students	215	8	0	207	39	19	111	54	46	22	11	5	850	207	19	54	22	5	850	13,828	20	51	20	9	849
Title I																									
Students Receiving Title I Services	0	0	0	0										0						1,119	7	44	33	16	841
All Other Students	215	8	0	207	39	19	111	54	46	22	11	5	850	207	19	54	22	5	850	12,712	21	51	19	8	849
504 Plan																									
Students with a 504 Plan	13	0	0	13	3	23	5	38	5	38	0	0	847	13	23	38	38	0	847	400	20	53	19	8	850
All Other Students	202	8	0	194	36	19	106	55	41	21	11	6	850	194	19	55	21	6	850	13,431	20	51	20	9	849

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

NOTE: Some numbers may have been left blank because fewer than ten (10) students were tested.