June 2008

DEPARTMENT OF EDUCATION
2007–2008 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 standards known as *Learning Results,* adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards 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 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 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. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of 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 Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education

MEA
Maine Educational Assessment

School Report
Grade 4

Test Date: March 2008
Code: 10291205
SAU: Cape Elizabeth School Dept
School: Pond Cove Elementary

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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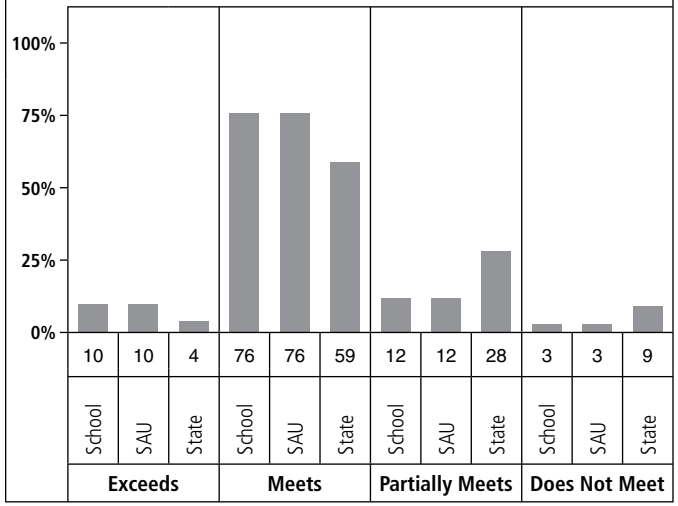
SUMMARY OF SCORES

Test Date: March 2008
Grade: 4
SAU: Cape Elizabeth School Dept
School: Pond Cove Elementary

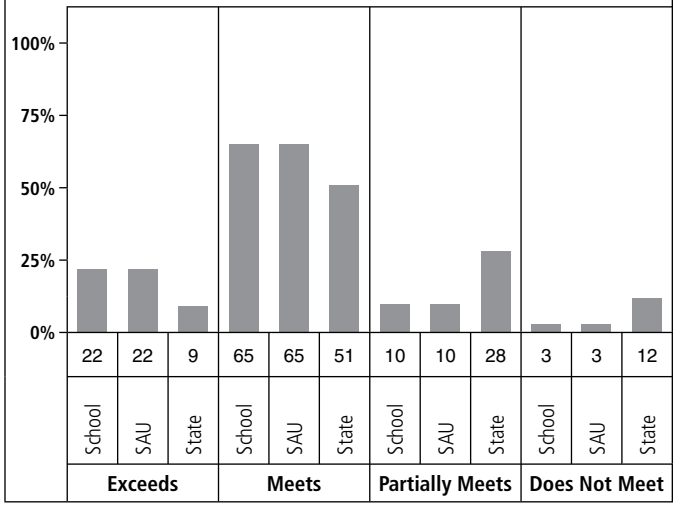
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	449	449	444
2006–2007	449	449	445
2007–2008	**451**	**451**	**445**
Cum. Avg.*	450	450	445
Mathematics			
2005–2006	451	451	444
2006–2007	451	451	445
2007–2008	**454**	**454**	**445**
Cum. Avg.*	452	452	445
Science & Technology			
2005–2006	448	448	444
2006–2007	448	448	444
2007–2008	**448**	**448**	**444**
Cum. Avg.*	448	448	444

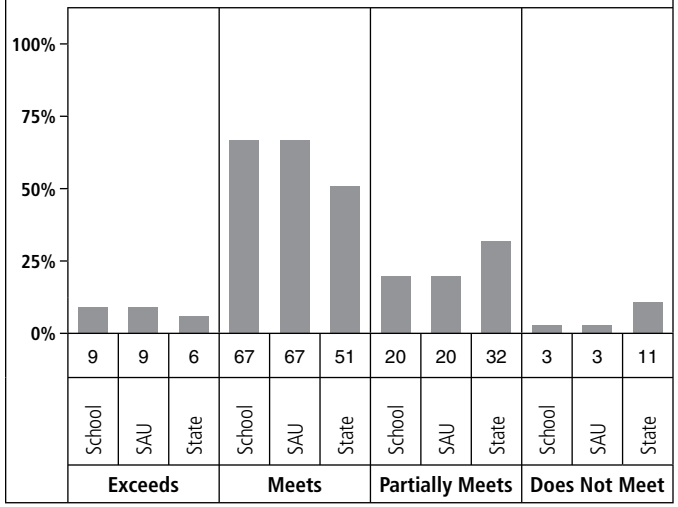
ELA – READING

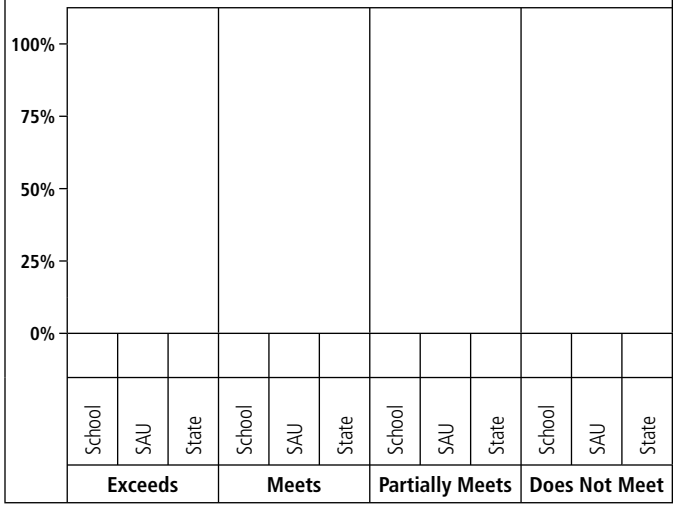


MATHEMATICS



SCIENCE AND TECHNOLOGY





*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 2008
Grade: 4
SAU: Cape Elizabeth School Dept
School: Pond Cove Elementary

CATEGORY OF PARTICIPATION	Enrollment[1] during testing window						CONTENT AREA PARTICIPATION[2]																							
							ELA–Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	155	100	155	100	14207	100	154	99	154	99	14181	100	154	99	154	99	14123	100	154	99	154	99	14115	99						
Ethnicity African American/Black	0	0	0	0	390	3	0	0	0	0	388	99	0	0	0	0	388	99	0	0	0	0	386	99						
American Indian or Native Alaskan	0	0	0	0	101	1	0	0	0	0	101	100	0	0	0	0	101	100	0	0	0	0	101	100						
Asian or Pacific Islander	6	4	6	4	263	2	6	100	6	100	259	98	6	100	6	100	262	100	6	100	6	100	262	100						
Hispanic	2	1	2	1	170	1	2	100	2	100	168	99	2	100	2	100	166	98	2	100	2	100	166	98						
Caucasian/White	147	95	147	95	13282	93	146	99	146	99	13264	100	146	99	146	99	13205	100	146	99	146	99	13199	99						
Not Reported	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100	0	0	0	0	1	100						
Identified disability	18	12	18	12	2524	18	18	100	18	100	2514	100	18	100	18	100	2498	99	18	100	18	100	2494	99						
Current LEP	2	1	2	1	385	3	2	100	2	100	377	98	2	100	2	100	383	99	2	100	2	100	380	99						
Economically disadvantaged	11	7	11	7	5587	39	11	100	11	100	5569	100	11	100	11	100	5538	99	11	100	11	100	5534	99						
Migrant	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100	0	0	0	0	5	100						

MODE OF PARTICIPATION[3]	ELA–Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	135	87	135	87	10755	76	135	87	135	87	10730	76	136	88	136	88	10776	76						
Identified disability (PET/IEP)	3	2	3	2	375	3	2	1	2	1	374	3	3	2	3	2	384	4						
LEP	1	1	1	1	148	1	2	1	2	1	148	1	2	1	2	1	150	1						
504 plan	1	1	1	1	114	1	1	1	1	1	114	1	1	1	1	1	115	1						
Participation with accommodations	18	12	18	12	3298	23	18	12	18	12	3267	23	17	11	17	11	3215	23						
Identified disability (PET/IEP)	14	78	14	78	2013	61	15	83	15	83	1998	61	14	82	14	82	1986	62						
LEP	1	6	1	6	225	7	0	0	0	0	233	7	0	0	0	0	229	7						
504 plan	0	0	0	0	69	2	0	0	0	0	68	2	0	0	0	0	67	2						
Other	3	17	3	17	1046	32	3	17	3	17	1023	31	3	18	3	18	987	31						
Participation through alternate assessment (PAAP)	1	1	1	1	126	1	1	1	1	1	126	1	1	1	1	1	124	1						
Identified disability (PET/IEP)	1	100	1	100	126	100	1	100	1	100	126	100	1	100	1	100	124	100						
LEP	0	0	0	0	2	2	0	0	0	0	2	2	0	0	0	0	1	1						
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	2	0																		
Approved non-participation – special consideration	0	0	0	0	15	0	0	0	0	0	16	0	0	0	0	0	12	0						
Non-participation – other	1	1	1	1	11	0	1	1	1	1	68	0	1	1	1	1	80	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 2008
Grade:	4
SAU:	Cape Elizabeth School Dept
School:	Pond Cove Elementary

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Level Expectations 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 461–480)	2005-2006	9	7	9	7	601	4
	2006-2007	5	4	5	4	507	4
	2007-2008	**15**	**10**	**15**	**10**	**559**	**4**
	Cum. Total*	29	7	29	7	1667	4
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 441–460)	2005-2006	96	72	96	72	7910	57
	2006-2007	110	81	110	81	8749	63
	2007-2008	**116**	**76**	**116**	**76**	**8308**	**59**
	Cum. Total*	322	76	322	76	24967	60
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 431–440)	2005-2006	21	16	21	16	3970	29
	2006-2007	18	13	18	13	3467	25
	2007-2008	**18**	**12**	**18**	**12**	**3922**	**28**
	Cum. Total*	57	14	57	14	11359	27
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 400–430)	2005-2006	7	5	7	5	1421	10
	2006-2007	2	1	2	1	1165	8
	2007-2008	**4**	**3**	**4**	**3**	**1264**	**9**
	Cum. Total*	13	3	13	3	3850	9

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	**48**	**100**	34.0	70.8	34.0	70.8	29.7	61.9
Literary Text	**24**	**50**	17.8	74.2	17.8	74.2	15.5	64.6
Informational Text	**24**	**50**	16.2	67.5	16.2	67.5	14.2	59.2

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine's 1997 *Learning Results*, which can be found at http://www.maine.gov/education/lsalt/gles.htm.

*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 2008
Grade: 4
SAU: Cape Elizabeth School Dept
School: Pond Cove Elementary

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	153	15	10	116	76	18	12	4	3	451	153	10	76	12	3	451	14053	4	59	28	9	445
Ethnicity																						
African American/Black	0										0						384	1	36	35	28	438
American Indian or Native Alaskan	0										0						101	1	46	44	10	442
Asian or Pacific Islander	6	0	0	5	83	1	17	0	0	450	6	0	83	17	0	450	259	6	61	22	11	445
Hispanic	2										2						164	0	45	38	16	440
Caucasian/White	145	15	10	110	76	16	11	4	3	451	145	10	76	11	3	451	13144	4	60	28	8	445
Not Reported	0										0						1					
Identified disability																						
Yes	17	1	6	7	41	6	35	3	18	442	17	6	41	35	18	442	2388	0	29	44	26	437
No	136	14	10	109	80	12	9	1	1	452	136	10	80	9	1	452	11665	5	65	25	6	446
Current LEP																						
Yes	2										2						373	1	32	35	32	436
No	151	15	10	115	76	17	11	4	3	451	151	10	76	11	3	451	13680	4	60	28	8	445
Economically disadvantaged																						
Yes	11	0	0	7	64	3	27	1	9	443	11	0	64	27	9	443	5502	1	47	37	14	441
No	142	15	11	109	77	15	11	3	2	451	142	11	77	11	2	451	8551	6	67	22	5	447
Migrant																						
Yes	0										0						5	0	40	60	0	445
No	153	15	10	116	76	18	12	4	3	451	153	10	76	12	3	451	14048	4	59	28	9	445
Gender																						
Female	86	12	14	64	74	8	9	2	2	452	86	14	74	9	2	452	6959	5	61	26	8	446
Male	67	3	4	52	78	10	15	2	3	448	67	4	78	15	3	448	7093	3	57	30	10	444
Not Reported	0										0						1					
Title 1A targeted program																						
Yes	0										0						1890	0	37	46	17	439
No	153	15	10	116	76	18	12	4	3	451	153	10	76	12	3	451	12163	5	63	25	8	446
Gifted/talented program																						
Yes	0										0						266	21	74	4	0	456
No	153	15	10	116	76	18	12	4	3	451	153	10	76	12	3	451	13787	4	59	28	9	445

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 2008
Grade: 4
SAU: Cape Elizabeth School Dept
School: Pond Cove Elementary

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	3	0	0	4	100	0	0	0	0	453	3	0	100	0	0	453	5	1	42	36	21	440
B. less than one hour	73	11	10	84	76	12	11	4	4	451	73	10	76	11	4	451	74	4	62	27	7	445
C. one to two hours	22	4	12	23	70	6	18	0	0	450	22	12	70	18	0	450	18	5	59	29	7	446
D. more than two hours	3	0	0	4	100	0	0	0	0	449	3	0	100	0	0	449	2	3	32	34	31	438
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.	30	6	13	35	76	4	9	1	2	451	30	13	76	9	2	451	30	6	63	24	7	446
B. They match some of what I have learned.	60	9	10	67	73	14	15	2	2	451	60	10	73	15	2	451	52	4	63	27	6	446
C. They match just a little of what I have learned.	5	0	0	7	88	0	0	1	13	448	5	0	88	0	13	448	12	2	46	37	15	441
D. There is no match.	5	0	0	7	100	0	0	0	0	449	5	0	100	0	0	449	5	0	33	40	26	437
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	33	9	18	37	74	3	6	1	2	453	33	18	74	6	2	453	35	7	66	20	6	448
B. good	58	5	6	69	78	12	13	3	3	449	58	6	78	13	3	449	51	3	60	29	7	445
C. fair	6	1	11	5	56	3	33	0	0	449	6	11	56	33	0	449	12	1	44	40	16	440
D. poor	3	0	0	5	100	0	0	0	0	449	3	0	100	0	0	449	2	0	23	47	30	436
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	21	5	16	22	69	3	9	2	6	449	21	16	69	9	6	449	19	2	46	34	17	442
B. about the same as my regular schoolwork	65	9	9	76	77	12	12	2	2	451	65	9	77	12	2	451	62	5	64	26	5	446
C. easier than my regular schoolwork	14	1	5	18	82	3	14	0	0	450	14	5	82	14	0	450	18	3	58	29	10	444
How hard were the reading passages on this test?																						
A. Most of the passages were more difficult than what I usually read.	7	0	0	7	64	3	27	1	9	444	7	0	64	27	9	444	14	0	32	46	22	438
B. Most of the passages were about the same as what I usually read.	49	6	8	60	80	8	11	1	1	451	49	8	80	11	1	451	52	3	62	28	7	445
C. Most of the passages were easier than what I usually read.	43	9	14	48	73	7	11	2	3	451	43	14	73	11	3	451	33	7	68	20	5	448
How much time do you spend reading at home each day?																						
A. more than one hour	16	2	8	18	75	3	13	1	4	451	16	8	75	13	4	451	18	7	64	22	7	447
B. 20 minutes to an hour	73	13	12	85	76	12	11	2	2	451	73	12	76	11	2	451	55	4	64	26	6	446
C. less than 20 minutes	8	0	0	9	75	3	25	0	0	447	8	0	75	25	0	447	14	2	53	33	12	443
D. I rarely read at home.	3	0	0	4	80	0	0	1	20	443	3	0	80	0	20	443	13	1	44	39	16	441
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	11	2	12	9	53	4	24	2	12	447	11	12	53	24	12	447	23	3	50	34	13	442
B. six to ten pages	15	1	4	15	65	5	22	2	9	447	15	4	65	22	9	447	25	3	60	29	8	444
C. eleven or more pages	73	12	11	89	81	9	8	0	0	452	73	11	81	8	0	452	52	5	64	24	6	446
Optional school/SAU question																						
A.	0										0											
B.	50	0	0	2	100	0	0	0	0	453	50	0	100	0	0	453						
C.	25	0	0	0	0	1	100	0	0	438	25	0	0	100	0	438						
D.	25	0	0	1	100	0	0	0	0	444	25	0	100	0	0	444						

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 2008
Grade:	4
SAU:	Cape Elizabeth School Dept
School:	Pond Cove Elementary

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Level Expectations 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 461–480)	2005-2006	22	17	22	17	1294	9
	2006-2007	20	15	20	15	1054	8
	2007-2008	**34**	**22**	**34**	**22**	**1321**	**9**
	Cum. Total*	76	18	76	18	3669	9
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 441–460)	2005-2006	83	62	83	62	7000	50
	2006-2007	91	67	91	67	7394	53
	2007-2008	**99**	**65**	**99**	**65**	**7079**	**51**
	Cum. Total*	273	65	273	65	21473	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 429–440)	2005-2006	22	17	22	17	3784	27
	2006-2007	20	15	20	15	3729	27
	2007-2008	**15**	**10**	**15**	**10**	**3955**	**28**
	Cum. Total*	57	14	57	14	11468	27
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 400–428)	2005-2006	6	5	6	5	1894	14
	2006-2007	4	3	4	3	1735	12
	2007-2008	**5**	**3**	**5**	**3**	**1642**	**12**
	Cum. Total*	15	4	15	4	5271	13

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	**15**	**31**	11.3	75.3	11.3	75.3	9.5	63.3
Cluster 2: Shape and Size	**14**	**29**	10.2	72.9	10.2	72.9	9.1	65.0
Cluster 3: Mathematical Decision Making	**5**	**10**	4.1	82.0	4.1	82.0	3.4	68.0
Cluster 4: Patterns	**14**	**29**	10.8	77.1	10.8	77.1	9.7	69.3

Cluster 1: Numbers and Operations
- A. Numbers and Number Sense
- B. Computation
- I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size
- E. Geometry
- F. Measurement

Cluster 3: Mathematical Decision Making
- C. Data Analysis and Statistics
- D. Probability

Cluster 4: Patterns
- G. Patterns, Relations, and Functions
- H. Algebra Concepts
- K. Mathematical Communication

Each content standard in the clusters above is defined in Maine's 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at http://www.maine.gov/education/lsalt/gles.htm.

*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 2008
Grade: 4
SAU: Cape Elizabeth School Dept
School: Pond Cove Elementary

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	153	34	22	99	65	15	10	5	3	454	153	22	65	10	3	454	13997	9	51	28	12	445
Ethnicity																						
African American/Black	0										0						386	4	26	34	36	434
American Indian or Native Alaskan	0										0						101	3	46	41	11	442
Asian or Pacific Islander	6	3	50	2	33	1	17	0	0	457	6	50	33	17	0	457	262	14	51	23	12	447
Hispanic	2										2						162	4	41	34	21	440
Caucasian/White	145	31	21	95	66	14	10	5	3	453	145	21	66	10	3	453	13085	10	51	28	11	446
Not Reported	0										0						1					
Identified disability																						
Yes	17	2	12	5	29	5	29	5	29	441	17	12	29	29	29	441	2372	3	31	36	30	436
No	136	32	24	94	69	10	7	0	0	455	136	24	69	7	0	455	11625	11	54	27	8	447
Current LEP																						
Yes	2										2						381	4	33	28	35	435
No	151	34	23	98	65	14	9	5	3	454	151	23	65	9	3	454	13616	10	51	28	11	445
Economically disadvantaged																						
Yes	11	0	0	7	64	2	18	2	18	444	11	0	64	18	18	444	5472	5	41	35	19	440
No	142	34	24	92	65	13	9	3	2	454	142	24	65	9	2	454	8525	13	56	24	7	448
Migrant																						
Yes	0										0						5	0	80	20	0	448
No	153	34	22	99	65	15	10	5	3	454	153	22	65	10	3	454	13992	9	51	28	12	445
Gender																						
Female	86	19	22	56	65	8	9	3	3	454	86	22	65	9	3	454	6933	9	50	29	12	445
Male	67	15	22	43	64	7	10	2	3	453	67	22	64	10	3	453	7063	10	51	27	11	446
Not Reported	0										0						1					
Title 1A targeted program																						
Yes	0										0						1890	2	34	41	23	438
No	153	34	22	99	65	15	10	5	3	454	153	22	65	10	3	454	12107	11	53	26	10	446
Gifted/talented program																						
Yes	0										0						266	45	49	5	0	461
No	153	34	22	99	65	15	10	5	3	454	153	22	65	10	3	454	13731	9	51	29	12	445

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 2008
Grade: 4
SAU: Cape Elizabeth School Dept
School: Pond Cove Elementary

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	3	1	25	3	75	0	0	0	0	461	3	25	75	0	0	461	5	6	34	33	27	438
B. less than one hour	73	23	21	72	65	12	11	4	4	453	73	21	65	11	4	453	74	10	52	28	10	446
C. one to two hours	22	8	24	21	64	3	9	1	3	454	22	24	64	9	3	454	18	10	52	28	10	446
D. more than two hours	3	1	25	3	75	0	0	0	0	457	3	25	75	0	0	457	2	5	33	28	34	436
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.	43	17	26	42	64	6	9	1	2	455	43	26	64	9	2	455	38	13	56	23	8	448
B. They match some of what I have learned.	50	16	21	50	66	7	9	3	4	452	50	21	66	9	4	452	48	8	52	29	10	445
C. They match just a little of what I have learned.	5	1	13	5	63	2	25	0	0	452	5	13	63	25	0	452	10	4	35	39	22	439
D. There is no match.	2	0	0	2	67	0	0	1	33	442	2	0	67	0	33	442	4	2	25	33	40	433
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	39	22	37	33	56	3	5	1	2	458	39	37	56	5	2	458	35	16	55	20	8	449
B. good	52	11	14	54	68	12	15	2	3	451	52	14	68	15	3	451	48	7	52	31	11	445
C. fair	8	0	0	11	85	0	0	2	15	448	8	0	85	0	15	448	14	3	41	38	18	440
D. poor	1	1	50	1	50	0	0	0	0	462	1	50	50	0	0	462	3	1	29	36	34	435
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	12	5	28	10	56	0	0	3	17	454	12	28	56	0	17	454	15	4	38	33	25	439
B. about the same as my regular schoolwork	68	21	20	71	68	11	11	1	1	454	68	20	68	11	1	454	64	10	54	28	9	446
C. easier than my regular schoolwork	20	8	27	17	57	4	13	1	3	453	20	27	57	13	3	453	21	13	52	24	11	447
How often do you use hands-on materials in mathematics class?																						
A. almost every day	14	1	5	12	55	7	32	2	9	444	14	5	55	32	9	444	23	8	47	29	16	443
B. two or three days a week	42	17	27	41	64	5	8	1	2	455	42	27	64	8	2	455	36	11	54	27	9	447
C. two or three times each month	31	12	25	33	69	3	6	0	0	457	31	25	69	6	0	457	25	10	53	27	10	446
D. never or almost never	12	4	21	13	68	0	0	2	11	453	12	21	68	0	11	453	16	9	46	32	13	444
How often do you use calculators in mathematics class?																						
A. almost every day	0										0						5	3	30	33	33	436
B. two or three days a week	13	1	5	15	75	3	15	1	5	450	13	5	75	15	5	450	19	8	50	30	12	445
C. two or three times each month	59	27	30	56	62	7	8	0	0	455	59	30	62	8	0	455	38	11	55	26	8	447
D. never or almost never	28	6	14	28	65	5	12	4	9	451	28	14	65	12	9	451	38	9	50	29	12	445
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	3	0	0	1	25	1	25	2	50	435	3	0	25	25	50	435	8	3	33	38	25	438
B. 30–45 minutes	33	8	16	30	60	10	20	2	4	452	33	16	60	20	4	452	27	6	48	33	13	443
C. 45–60 minutes	59	24	26	64	70	3	3	0	0	456	59	26	70	3	0	456	38	11	54	26	9	447
D. more than 60 minutes	5	2	25	4	50	1	13	1	13	451	5	25	50	13	13	451	26	13	55	23	9	448
Optional school/SAU question																						
A.	0										0											
B.	50	1	50	0	0	1	50	0	0	450	50	50	0	50	0	450						
C.	25	0	0	0	0	0	0	1	100	426	25	0	0	0	100	426						
D.	25	0	0	1	100	0	0	0	0	460	25	0	100	0	0	460						

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

SCIENCE AND TECHNOLOGY RESULTS

Test Date:	March 2008
Grade:	4
SAU:	Cape Elizabeth School Dept
School:	Pond Cove Elementary

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Span Expectations in science and technology.		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 using the processes of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 461–480)	2005-2006	11	8	11	8	751	5
	2006-2007	10	7	10	7	963	7
	2007-2008	**14**	**9**	**14**	**9**	**882**	**6**
	Cum. Total*	35	8	35	8	2596	6
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 using the processes of scientific inquiry and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 441–460)	2005-2006	87	65	87	65	7251	52
	2006-2007	86	64	86	64	6824	49
	2007-2008	**103**	**67**	**103**	**67**	**7130**	**51**
	Cum. Total*	276	66	276	66	21205	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 using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 429–440)	2005-2006	27	20	27	20	4514	32
	2006-2007	32	24	32	24	4382	32
	2007-2008	**31**	**20**	**31**	**20**	**4433**	**32**
	Cum. Total*	90	21	90	21	13329	32
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 and use the skills of scientific inquiry. There are many inaccuracies and explanations are illogical, incomplete, or missing. (scaled score 400–428)	2005-2006	8	6	8	6	1458	10
	2006-2007	7	5	7	5	1735	12
	2007-2008	**5**	**3**	**5**	**3**	**1546**	**11**
	Cum. Total*	20	5	20	5	4739	11

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Life Sciences	**12**	**25**	9.1	75.8	9.1	75.8	8.0	66.7
Cluster 2: Physical Sciences	**12**	**25**	7.4	61.7	7.4	61.7	7.2	60.0
Cluster 3: Earth and Space Sciences	**12**	**25**	8.2	68.3	8.2	68.3	7.4	61.7
Cluster 4: Nature and Implications of Science	**12**	**25**	8.4	70.0	8.4	70.0	7.6	63.3

Cluster 1: Life Sciences
- A. Classifying Life Forms
- B. Ecology
- C. Cells

Cluster 2: Physical Sciences
- E. Structure of Matter
- H. Energy
- I. Motion

Cluster 3: Earth and Space Sciences
- D. Continuity and Change
- F. The Earth
- G. The Universe

Cluster 4: Nature and Implications of Science
- J. Inquiry and Problem Solving
- K. Scientific Reasoning
- L. Communication
- M. Implications of Science & Technology

Each content standard in the clusters shown is defined in Maine's 1997 *Learning Results*, which are the basis for science and technology Grade Span Expectations. Each item on the MEA measures a grade span expectation, which can be found at http://www.maine.gov/education/lsalt/gles.htm.

*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.

SCIENCE AND TECHNOLOGY RESULTS
(CONTINUED)

Test Date: March 2008
Grade: 4
SAU: Cape Elizabeth School Dept
School: Pond Cove Elementary

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	153	14	9	103	67	31	20	5	3	448	153	9	67	20	3	448	13991	6	51	32	11	444
Ethnicity																						
African American/Black	0										0						385	2	27	35	36	434
American Indian or Native Alaskan	0										0						101	3	44	44	10	441
Asian or Pacific Islander	6	0	0	2	33	4	67	0	0	442	6	0	33	67	0	442	262	5	52	28	14	443
Hispanic	2										2						162	2	38	39	21	439
Caucasian/White	145	14	10	99	68	27	19	5	3	449	145	10	68	19	3	449	13080	7	52	31	10	444
Not Reported	0										0						1					
Identified disability																						
Yes	17	1	6	5	29	7	41	4	24	438	17	6	29	41	24	438	2370	2	32	41	25	437
No	136	13	10	98	72	24	18	1	1	450	136	10	72	18	1	450	11621	7	55	30	8	445
Current LEP																						
Yes	2										2						379	1	25	35	39	433
No	151	14	9	103	68	29	19	5	3	448	151	9	68	19	3	448	13612	6	52	32	10	444
Economically disadvantaged																						
Yes	11	0	0	6	55	3	27	2	18	442	11	0	55	27	18	442	5470	3	41	39	18	440
No	142	14	10	97	68	28	20	3	2	449	142	10	68	20	2	449	8521	9	57	27	7	446
Migrant																						
Yes	0										0						5	20	20	40	20	443
No	153	14	9	103	67	31	20	5	3	448	153	9	67	20	3	448	13986	6	51	32	11	444
Gender																						
Female	86	8	9	60	70	14	16	4	5	448	86	9	70	16	5	448	6929	6	49	33	12	443
Male	67	6	9	43	64	17	25	1	1	449	67	9	64	25	1	449	7061	7	53	30	10	444
Not Reported	0										0						1					
Title 1A targeted program																						
Yes	0										0						1888	1	32	44	23	437
No	153	14	9	103	67	31	20	5	3	448	153	9	67	20	3	448	12103	7	54	30	9	445
Gifted/talented program																						
Yes	0										0						266	30	65	5	1	457
No	153	14	9	103	67	31	20	5	3	448	153	9	67	20	3	448	13725	6	51	32	11	444

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

SCIENCE AND TECHNOLOGY RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 4
SAU: Cape Elizabeth School Dept
School: Pond Cove Elementary

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	3	0	0	4	100	0	0	0	0	454	3	0	100	0	0	454	5	4	37	36	22	439
B. less than one hour	73	9	8	74	67	23	21	5	5	447	73	8	67	21	5	447	74	6	53	31	10	444
C. one to two hours	22	5	15	21	64	7	21	0	0	451	22	15	64	21	0	451	18	7	52	32	8	445
D. more than two hours	3	0	0	3	75	1	25	0	0	445	3	0	75	25	0	445	2	4	31	33	32	437
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.	26	1	3	28	70	9	23	2	5	447	26	3	70	23	5	447	24	9	53	28	10	446
B. They match some of what I have learned.	40	8	13	39	64	13	21	1	2	449	40	13	64	21	2	449	49	6	54	31	9	445
C. They match just a little of what I have learned.	31	5	11	33	70	8	17	1	2	449	31	11	70	17	2	449	21	4	47	36	13	442
D. There is no match.	3	0	0	3	60	1	20	1	20	442	3	0	60	20	20	442	6	2	35	37	25	438
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	24	6	16	22	59	7	19	2	5	450	24	16	59	19	5	450	25	9	53	27	10	446
B. good	57	6	7	64	74	15	17	2	2	449	57	7	74	17	2	449	54	6	55	30	9	445
C. fair	16	2	8	14	56	8	32	1	4	445	16	8	56	32	4	445	19	3	43	40	15	441
D. poor	3	0	0	3	75	1	25	0	0	446	3	0	75	25	0	446	3	2	28	42	29	435
How difficult was the science part of this test?																						
A. harder than my regular schoolwork	28	7	16	28	65	8	19	0	0	450	28	16	65	19	0	450	22	5	45	35	15	442
B. about the same as my regular schoolwork	59	7	8	62	68	19	21	3	3	447	59	8	68	21	3	447	62	7	53	31	9	445
C. easier than my regular schoolwork	12	0	0	13	68	4	21	2	11	448	12	0	68	21	11	448	16	7	52	28	13	444
How often do you have science classes?																						
A. every day	2	0	0	1	33	0	0	2	67	431	2	0	33	0	67	431	24	7	48	33	12	444
B. a few times a week	55	7	8	56	67	20	24	1	1	448	55	8	67	24	1	448	53	7	54	31	9	445
C. once a week	23	5	14	24	69	5	14	1	3	451	23	14	69	14	3	451	9	6	46	33	15	442
D. a few times a month	20	2	7	22	73	5	17	1	3	448	20	7	73	17	3	448	14	5	50	31	14	443
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.	5	0	0	4	50	3	38	1	13	441	5	0	50	38	13	441	25	5	48	34	13	443
B. I work in groups to design and conduct experiments.	71	8	8	74	70	23	22	1	1	448	71	8	70	22	1	448	27	4	46	37	13	442
C. I do a combination of A and B, but mostly A.	7	1	10	6	60	1	10	2	20	448	7	10	60	10	20	448	26	7	56	28	8	445
D. I do a combination of A and B, but mostly B.	17	4	15	18	69	4	15	0	0	452	17	15	69	15	0	452	22	9	55	26	9	446
Optional school/SAU question																						
A.	0										0											
B.	50	1	50	1	50	0	0	0	0	454	50	50	50	0	0	454						
C.	25	0	0	0	0	0	0	1	100	420	25	0	0	0	100	420						
D.	25	0	0	1	100	0	0	0	0	442	25	0	100	0	0	442						

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