



July 2006

**DEPARTMENT OF EDUCATION**

2005–2006 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. The MEA has been based on the *Learning Results* and administered to students in grades 4 and 8 to meet state assessment requirements since 1998. For the first time this year, it was administered to students in all grades 3 through 8 and aligned to Grade Level Expectations to meet the requirements of the federal No Child Left Behind Act.

Due to those changes, it was necessary to set new standards this year. These new achievement standards will be used to establish a baseline to which future scores for both groups of students and individuals can be compared. The standards are the result of a comprehensive process approved by advisory committees and informed by Maine teachers. They will stay in place until the current Maine *Learning Results* are revised according to statute, and future assessments are aligned to the revised *Learning Results*. At such time, the standard-setting process will be conducted again.

The 2005–2006 MEA Summary Reports contain the baseline status results of student performance in reading, mathematics, and science and technology reported according to the new standards 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. Student 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 design of the MEA is available at [www.maine.gov/education/mea/index/htm](http://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



# School Report Grade 3

ID: 10231188  
School: Bristol Consolidated School  
District: Bristol School Department  
Date: March 2006

## Contents of the Report

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

<i>Topic</i>	<i>Page</i>
Summary of Scores.....	2
Summary of Student Participation.....	3
English Language Arts Reading Results.....	4-5
Mathematics Results.....	6-7



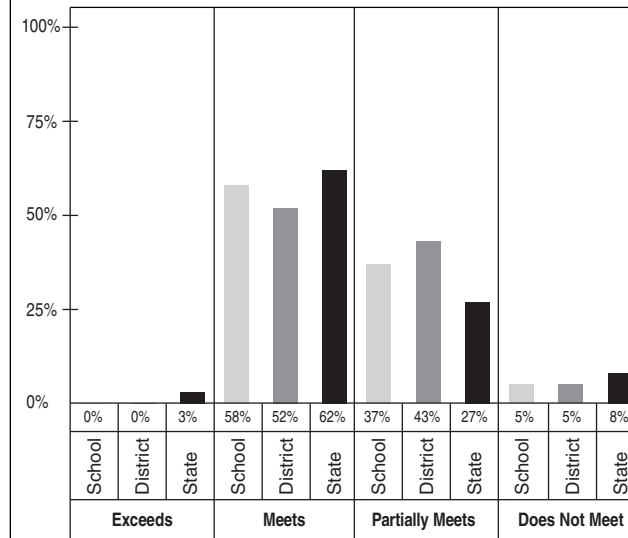
# SUMMARY OF SCORES

School: Bristol Consolidated School  
 District: Bristol School Department  
 Grade: 3  
 Date: March 2006

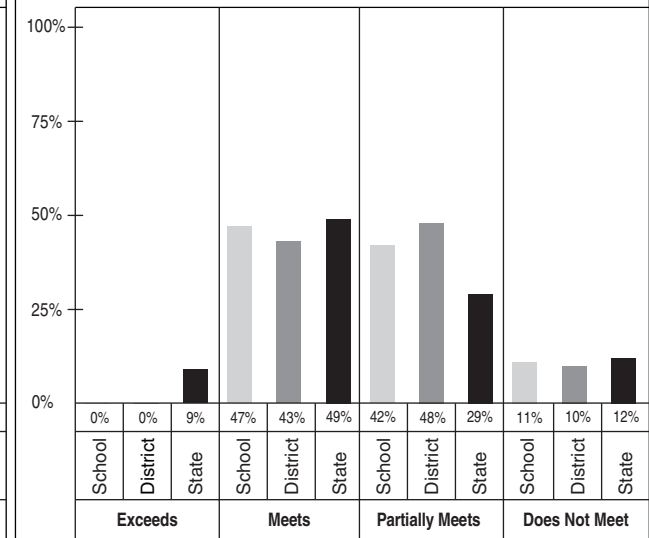
## Summary of District, School and State Scores

Year	Average Scaled Score		
	School	District	State
ELA-READING 2005–2006	344	344	345
MATHEMATICS 2005–2006	340	339	344

### ELA-READING



### MATHEMATICS





# SUMMARY OF STUDENT PARTICIPATION

School: Bristol Consolidated School  
 District: Bristol School Department  
 Grade: 3  
 Date: March 2006

## CONTENT AREA PARTICIPATION<sup>2</sup>

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window					
	School		District		State	
	n	%	n	%	n	%
<b>Total number of students</b>	19	100	21	100	14094	100
<b>Ethnicity</b>						
African American/Black	0	0	0	0	370	3
American Indian/Native Alaskan	0	0	0	0	113	1
Asian/Pacific Islander	0	0	0	0	201	1
Caucasian/White	19	100	21	100	13229	94
Hispanic	0	0	0	0	169	1
Not Reported	0	0	0	0	12	0
<b>Identified disability</b>	1	5	1	5	2381	17
<b>Current LEP</b>	0	0	0	0	319	2
<b>Economically disadvantaged</b>	10	53	10	48	5366	38
<b>Migrant</b>	0	0	0	0	19	0

ELA-Reading			Mathematics											
School		District	State		School		District	State		School		District	State	
n	%	n	%	n	%	n	%	n	%	n	%	n	%	n
19	100	21	100	13930	99	19	100	21	100	13944	99			
0		0		356	96	0		0		366	99			
0		0		110	97	0		0		110	97			
0		0		196	98	0		0		198	99			
19	100	21	100	13090	99	19	100	21	100	13091	99			
0		0		166	98	0		0		167	99			
0		0		12	100	0		0		12	100			
1	100	1	100	2306	97	1	100	1	100	2308	97			
0		0		300	94	0		0		315	99			
10	100	10	100	5285	98	10	100	10	100	5296	99			
0		0		19	100	0		0		19	100			

## MODE OF PARTICIPATION<sup>3</sup>

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading			Mathematics											
	School		District	State		School		District	State		School		District	State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n
<b>Students who took the assessment without accommodations</b>	18	95	20	95	11176	80	18	95	20	95	11195	80			
Identified disability (PET/IEP)	0	0	0	0	613	5	0	0	0	0	631	6			
LEP	0	0	0	0	156	1	0	0	0	0	151	1			
504 plan	0	0	0	0	99	1	0	0	0	0	103	1			
<b>Students who took the assessment with accommodations</b>	1	5	1	5	2651	19	1	5	1	5	2671	19			
Identified disability (PET/IEP)	1	100	1	100	1606	61	1	100	1	100	1610	60			
LEP	0	0	0	0	134	5	0	0	0	0	157	6			
504 plan	0	0	0	0	32	1	0	0	0	0	28	1			
Other	0	0	0	0	906	34	0	0	0	0	901	34			
<b>Students who would have participated through a PAAP if one had been available</b>	0	0	0	0	103	1	0	0	0	0	78	1			
Identified disability (PET/IEP)	0		0		87	84	0		0		67	86			
LEP	0		0		10	10	0		0		7	9			
504 plan	0		0		0	0	0		0		0	0			

<sup>1</sup> Percents are the percentage of students enrolled in each participation category. <sup>2</sup> Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.  
<sup>3</sup> Percents are the percentage of students in each content area who participated with each mode of participation.



# ELA-READING RESULTS

School: Bristol Consolidated School  
 District: Bristol School Department  
 Grade: 3  
 Date: March 2006

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		District		State	
		N	%	N	%	%	
<b>Exceeds the Standards</b> - 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 361-380)		2005–2006	0	0	0	0	3
<b>Meets the Standards</b> - 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 341-360)		2005–2006	11	58	11	52	62
<b>Partially Meets the Standards</b> - 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 331-340)		2005–2006	7	37	9	43	27
<b>Does Not Meet the Standards</b> - 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)		2005–2006	1	5	1	5	8

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		District		State	
	N	%	N	%	N	%	N	%
<b>Total Reading Cluster</b>	46	100	27.6	60.0	27.2	59.1	27.6	60.0
<b>Literary Text</b>	41	89	24.7	60.2	24.4	59.5	24.6	60.0
<b>Informational Text</b>	5	11	2.8	56.0	2.8	56.0	3.1	62.0

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 authentic texts, selected from developmentally appropriate published works. Grade Level Expectations, based on Maine's *Learning Results*, are the basis for the MEA at grades 3, 5, 6, and 7 and can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

**Note: Caution should be exercised when interpreting scores that are based on less than 10 points.**





# MATHEMATICS RESULTS

School: Bristol Consolidated School  
 District: Bristol School Department  
 Grade: 3  
 Date: March 2006

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		District		State	
		N	%	N	%	%	
<b>Exceeds the Standards</b> – 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 361-380)		2005–2006	0	0	0	0	9
<b>Meets the Standards</b> – 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 341-360)		2005–2006	9	47	9	43	49
<b>Partially Meets the Standards</b> – 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 325-340)		2005–2006	8	42	10	48	29
<b>Does Not Meet the Standards</b> – 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)		2005–2006	2	11	2	10	12

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
	N	%	School		District		State	
			N	%	N	%	N	%
<b>Cluster 1: Numbers and Operations</b>	15	31	7.8	52.0	7.7	51.3	8.4	56.0
<b>Cluster 2: Shape and Size</b>	14	29	9.7	69.3	9.5	67.9	10.4	74.3
<b>Cluster 3: Mathematical Decision Making</b>	6	13	3.6	60.0	3.5	58.3	3.9	65.0
<b>Cluster 4: Patterns</b>	13	27	7.2	55.4	7.2	55.4	8.0	61.5

**Cluster 1: Numbers and Operations**  
 A. Numbers and Number Sense  
 B. Computation  
 I. Discrete Mathematics

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

**Cluster 3: Mathematical Decision Making**  
 C. Data Analysis and Statistics  
 D. Probability  
 J. Mathematical Reasoning

**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 *Learning Results*. Grade Level Expectations, based on Maine's *Learning Results*, are the basis for the MEA at grades 3, 5, 6, and 7 and can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



# MATHEMATICS RESULTS

## (CONTINUED)

School: Bristol Consolidated School  
 District: Bristol School Department  
 Grade: 3  
 Date: March 2006

Reporting Categories	School					State					Questionnaire Items	Sch.		State			
	% Students in Each Category	Scaled Score	% Exceeds or Meets the Standards	% Partially Meets the Standards	% Does Not Meet the Standards	% Students in Each Category	Scaled Score	% Exceeds or Meets the Standards	% Partially Meets the Standards	% Does Not Meet the Standards		% Students in Each Category	% Students in Each Category	Scaled Score	% Exceeds or Meets the Standards	% Does Not Meet the Standards	
<b>Gender</b>																	
Female	47	339	22	78	0	48	343	57	30	13	<p><b>Do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b></p> <p>A. Yes, the questions on the test match what I have learned in mathematics class.</p> <p>B. Yes, they match some of what I have learned.</p> <p>C. Yes, they match just a little of what I have learned.</p> <p>D. No, there is no match.</p> <p><b>Which of the following best describes how you rate yourself as a student in mathematics?</b></p> <p>A. very good</p> <p>B. good</p> <p>C. fair</p> <p>D. poor</p> <p><b>How hard was the mathematics part of this test?</b></p> <p>A. harder than my regular schoolwork</p> <p>B. about the same as my regular schoolwork</p> <p>C. easier than my regular schoolwork</p> <p><b>How often do you use hands-on materials in mathematics class?</b></p> <p>A. almost every day</p> <p>B. two or three days a week</p> <p>C. two or three times each month</p> <p>D. never</p> <p><b>How often do you use calculators in mathematics class?</b></p> <p>A. almost every day</p> <p>B. two or three days a week</p> <p>C. two or three times each month</p> <p>D. never</p> <p><b>On average, how many minutes a day do you spend working on mathematics in class?</b></p> <p>A. less than 30 minutes</p> <p>B. 30-45 minutes</p> <p>C. 45-60 minutes</p> <p>D. more than 60 minutes</p>						
Male	53	341	70	10	20	52	345	61	29	11		44	40	346	66	9	
<b>Ethnicity</b>																	
African American/Black						3	336	40	35	25							
American Indian/Native Alaskan						1	339	46	33	21							
Asian/Pacific Islander						1	346	64	25	11							
Caucasian/White	100	340	47	42	11	94	344	59	29	11							
Hispanic						1	339	45	35	20							
Not Reported						0	343	58	25	17							
<b>Economically disadvantaged</b>																	
Yes	53	339	50	30	20	38	340	47	36	17		53	40	347	66	10	
No	47	341	44	56	0	62	346	66	26	9		24	45	344	59	10	
<b>Title 1A targeted program</b>												24	12	339	42	17	
Yes						12	336	34	43	23		0	2	333	25	30	
No	89	340	53	35	12	88	345	62	28	10							
<b>Migrant</b>																	
Yes						0	337	33	39	28		17	16	337	37	23	
No	100	340	47	42	11	100	344	59	29	12		44	56	346	63	8	
<b>Gifted/talented program</b>												39	28	346	63	11	
Yes						2	361	98	1	0							
No	100	340	47	42	11	98	344	58	30	12	18	31	341	50	16		
<b>Identified disability</b>											59	33	346	65	9		
Yes						16	336	35	37	28	18	27	346	65	9		
No	95	342	50	44	6	84	346	63	28	9	6	9	341	50	19		
<b>Limited English proficient students</b>																	
Current LEP in first 10 months						0	317	20	10	70							
Current LEP beyond first 10 months						2	334	35	34	32	0	7	334	28	29		
<b>How much homework do you do on school nights?</b>											56	18	342	52	13		
A. None						5	338	43	33	25	25	50	347	67	7		
B. Less than one hour						79	345	61	29	10	19	25	343	56	14		
C. One to two hours						13	344	60	28	12							
D. More than two hours	100	343	53	41	6	3	332	27	35	39							
<b>Optional school/district question</b>																	
A.											17	16	339	44	19		
B.											22	32	345	61	10		
C.											11	32	346	64	9		
D.											50	21	344	60	12		