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 7

Test Date:	March 2009
Code:	10261195
SAU:	Brunswick School Department
School:	Brunswick Jr High 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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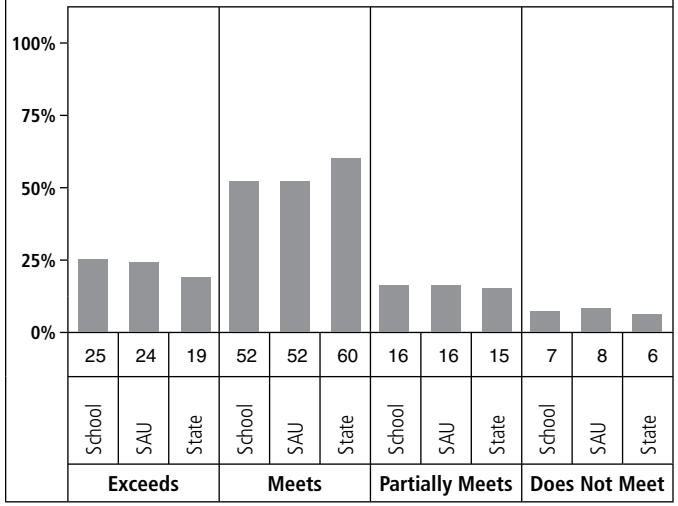
SUMMARY OF SCORES

Test Date: March 2009
Grade: 7
SAU: Brunswick School Department
School: Brunswick Jr High School

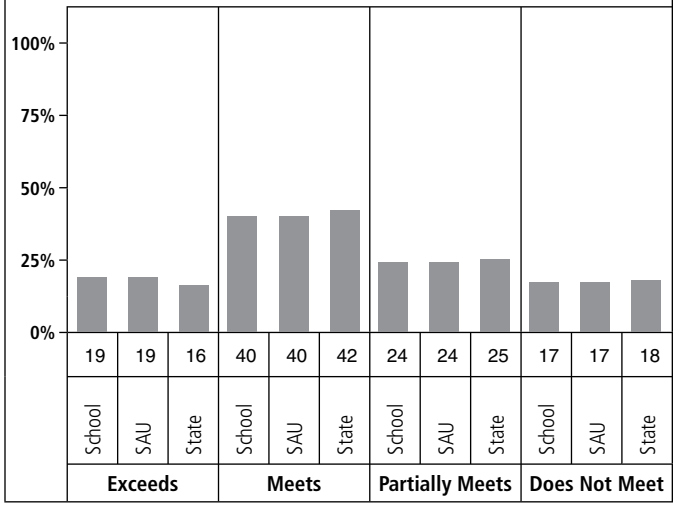
Summary of School, SAU, and State Scores

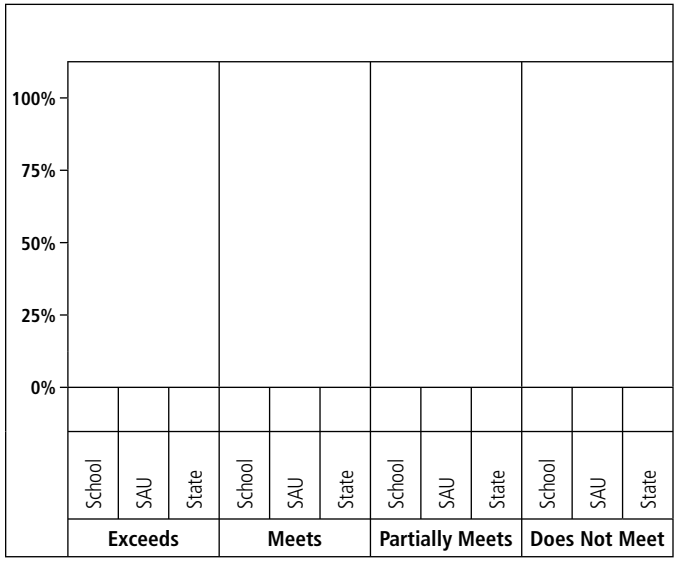
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	752	752	748
2007–2008	754	753	750
2008–2009	**753**	**753**	**751**
Cum. Avg.*	753	753	750
Mathematics			
2006–2007	747	747	742
2007–2008	747	746	743
2008–2009	**746**	**746**	**745**
Cum. Avg.*	747	746	743

ELA – READING



MATHEMATICS





*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: Brunswick School Department
School: Brunswick Jr High School

CATEGORY OF PARTICIPATION	Enrollment[1] during testing window						CONTENT AREA PARTICIPATION[2]																	
							ELA–Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	233	100	233	100	14446	100	230	100	230	100	14316	99	230	100	230	100	14322	99						
Ethnicity African American/Black	3	1	3	1	432	3	3	100	3	100	416	97	3	100	3	100	421	98						
American Indian or Native Alaskan	0	0	1	0	124	1	0	0	1	100	121	98	0	0	1	100	122	99						
Asian or Pacific Islander	5	2	5	2	260	2	5	100	5	100	255	98	5	100	5	100	259	100						
Hispanic	8	3	8	3	147	1	7	100	7	100	144	99	7	100	7	100	144	99						
Caucasian/White	217	93	216	93	13483	93	215	100	214	100	13380	99	215	100	214	100	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	44	19	45	19	2428	17	43	100	44	100	2391	99	43	100	44	100	2391	99						
Current LEP	4	2	4	2	334	2	3	100	3	100	318	95	3	100	3	100	328	98						
Economically disadvantaged	64	27	64	27	5498	38	63	100	63	100	5431	99	63	100	63	100	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION[3]	ELA–Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	179	77	179	77	11742	81	178	76	178	76	11754	81						
Identified disability (PET/IEP)	2	1	3	2	367	3	2	1	3	2	365	3						
LEP	0	0	0	0	168	1	0	0	0	0	169	1						
504 plan	5	3	5	3	183	2	5	3	5	3	187	2						
Participation with accommodations	50	21	50	21	2367	16	51	22	51	22	2366	16						
Identified disability (PET/IEP)	40	80	40	80	1819	77	40	78	40	78	1824	77						
LEP	3	6	3	6	143	6	3	6	3	6	154	7						
504 plan	1	2	1	2	84	4	1	2	1	2	80	3						
Other	7	14	7	14	358	15	8	16	8	16	346	15						
Participation through alternate assessment (PAAP)	1	0	1	0	205	1	1	0	1	0	202	1						
Identified disability (PET/IEP)	1	100	1	100	205	100	1	100	1	100	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	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	3	1	3	1	33	0	3	1	3	1	32	0						
Non-participation – other	0	0	0	0	97	1	0	0	0	0	92	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 2009
Grade:	7
SAU:	Brunswick School Department
School:	Brunswick Jr High 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 762–780)	2006-2007	72	32	72	32	2630	18
	2007-2008	69	32	68	31	2604	18
	2008-2009	**57**	**25**	**56**	**24**	**2618**	**19**
	Cum. Total*	198	29	196	29	7852	18
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 742–760)	2006-2007	97	43	97	43	7605	51
	2007-2008	106	49	106	49	8049	55
	2008-2009	**119**	**52**	**119**	**52**	**8484**	**60**
	Cum. Total*	322	48	322	48	24138	56
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 730–740)	2006-2007	34	15	34	15	3000	20
	2007-2008	26	12	26	12	2672	18
	2008-2009	**36**	**16**	**36**	**16**	**2108**	**15**
	Cum. Total*	96	14	96	14	7780	18
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 700–728)	2006-2007	25	11	25	11	1620	11
	2007-2008	16	7	18	8	1190	8
	2008-2009	**17**	**7**	**18**	**8**	**899**	**6**
	Cum. Total*	58	9	61	9	3709	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	**56**	**100**	35.3	63.0	35.2	62.9	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	**20**	**36**	12.4	62.0	12.3	61.5	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	**36**	**64**	23.0	63.9	22.9	63.6	22.6	62.8

The MEA assesses students' reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. 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: 7
SAU: Brunswick School Department
School: Brunswick Jr High 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	229	57	25	119	52	36	16	17	7	753	229	24	52	16	8	753	14109	19	60	15	6	751
Ethnicity																						
African American/Black	3										3						409	11	49	22	18	744
American Indian or Native Alaskan	0										1						117	12	53	19	16	746
Asian or Pacific Islander	5	2	40	3	60	0	0	0	0	760	5	40	60	0	0	760	253	24	59	11	6	753
Hispanic	7	3	43	4	57	0	0	0	0	762	7	43	57	0	0	762	142	14	56	17	13	747
Caucasian/White	214	52	24	111	52	35	16	16	7	753	213	24	52	16	8	753	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	42	0	0	11	26	16	38	15	36	735	43	0	26	37	37	734	2186	2	36	35	27	737
No	187	57	30	108	58	20	11	2	1	757	186	30	58	11	1	757	11923	22	65	11	3	754
Current LEP																						
Yes	3										3						311	4	41	29	26	739
No	226	57	25	119	53	34	15	16	7	753	226	25	53	15	8	753	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	63	5	8	33	52	18	29	7	11	746	63	8	52	29	11	746	5300	8	58	22	11	746
No	166	52	31	86	52	18	11	10	6	756	166	31	52	11	7	756	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	229	57	25	119	52	36	16	17	7	753	229	24	52	16	8	753	14101	19	60	15	6	751
Gender																						
Female	122	37	30	59	48	18	15	8	7	755	123	30	48	15	7	755	6993	24	61	11	4	754
Male	107	20	19	60	56	18	17	9	8	750	106	18	57	17	8	750	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1025	10	53	27	11	745
No	229	57	25	119	52	36	16	17	7	753	229	24	52	16	8	753	13084	19	61	14	6	752
Gifted/talented program																						
Yes	0										0						676	66	33	1	0	766
No	229	57	25	119	52	36	16	17	7	753	229	24	52	16	8	753	13433	16	61	16	7	750

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: 7
SAU: Brunswick School Department
School: Brunswick Jr High 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	11	3	13	6	25	7	29	8	33	738	11	13	25	29	33	738	7	8	48	25	19	743
B. less than one hour	53	31	26	66	55	17	14	5	4	755	53	25	56	14	4	755	52	17	62	15	6	751
C. one to two hours	33	21	28	40	53	10	13	4	5	755	33	28	53	13	5	755	37	23	61	12	4	753
D. more than two hours	3	2	29	4	57	1	14	0	0	756	3	29	57	14	0	756	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	33	38	51	28	38	4	5	4	5	761	32	51	38	5	5	761	30	33	56	7	4	756
B. good	48	18	16	72	65	13	12	7	6	752	48	16	65	12	6	752	49	16	64	14	5	751
C. fair	16	1	3	16	44	15	42	4	11	743	16	3	44	42	11	743	19	5	59	26	10	745
D. poor	3	0	0	2	29	3	43	2	29	737	4	0	25	38	38	733	3	3	45	32	21	740
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.	33	23	32	38	52	8	11	4	5	756	33	32	52	11	5	756	33	24	62	10	3	754
B. They match some of what I have learned.	49	29	27	58	53	16	15	6	6	754	49	26	53	15	6	754	52	18	62	15	5	751
C. They match just a little of what I have learned.	12	2	8	17	65	6	23	1	4	748	12	8	65	23	4	748	11	11	54	23	13	746
D. There is no match.	6	1	8	3	23	4	31	5	38	737	6	8	23	31	38	737	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	23	12	23	23	44	11	21	6	12	750	23	23	43	21	13	749	17	16	55	18	12	748
B. about the same as my regular schoolwork	62	31	22	83	59	18	13	9	6	754	62	21	59	13	6	753	65	19	62	14	5	752
C. easier than my regular schoolwork	15	13	39	12	36	6	18	2	6	755	15	39	36	18	6	755	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	1	4	8	32	7	28	9	36	738	12	4	31	27	38	737	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	52	21	18	68	58	23	20	5	4	751	52	17	59	20	4	751	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	37	35	43	41	50	5	6	1	1	761	37	43	50	6	1	761	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	36	21	26	42	53	11	14	6	8	754	36	26	53	14	8	754	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	53	34	28	62	52	17	14	7	6	754	53	28	52	14	6	754	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	11	2	8	14	56	6	24	3	12	747	12	8	54	23	15	745	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	25	21	37	26	46	6	11	4	7	757	26	36	45	10	9	756	21	27	57	11	5	755
B. 20 minutes to an hour	45	25	25	59	58	11	11	6	6	754	44	24	59	11	6	754	45	22	62	12	4	753
C. less than 20 minutes	15	10	29	17	49	5	14	3	9	755	15	29	49	14	9	755	13	13	61	17	8	749
D. I rarely read at home.	15	1	3	16	48	12	36	4	12	742	15	3	48	36	12	742	21	7	59	24	11	746
Optional school/SAU question																						
A.	18	0	0	1	50	1	50	0	0	739	17	0	50	50	0	739						
B.	55	0	0	2	33	2	33	2	33	736	50	0	33	33	33	736						
C.	9	0	0	0	0	0	0	1	100	726	8	0	0	0	100	726						
D.	18	0	0	0	0	1	50	1	50	730	25	0	0	33	67	723						

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:	7
SAU:	Brunswick School Department
School:	Brunswick Jr High 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 762–780)	2006-2007	51	22	51	22	2142	14
	2007-2008	48	22	48	22	2028	14
	2008-2009	**44**	**19**	**44**	**19**	**2220**	**16**
	Cum. Total*	143	21	143	21	6390	15
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 742–760)	2006-2007	86	38	86	38	5642	38
	2007-2008	94	43	93	43	5703	39
	2008-2009	**91**	**40**	**91**	**40**	**5879**	**42**
	Cum. Total*	271	40	270	40	17224	40
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 728–740)	2006-2007	62	27	62	27	4077	27
	2007-2008	41	19	41	19	3733	26
	2008-2009	**55**	**24**	**54**	**24**	**3537**	**25**
	Cum. Total*	158	23	157	23	11347	26
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 700–726)	2006-2007	29	13	29	13	3001	20
	2007-2008	34	16	36	17	3054	21
	2008-2009	**39**	**17**	**40**	**17**	**2484**	**18**
	Cum. Total*	102	15	105	16	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	**56**	**100**	30.8	55.0	30.7	54.8	29.9	53.4
A. Number	**14**	**25**	7.6	54.3	7.6	54.3	7.7	55.0
B. Data	**16**	**29**	8.6	53.8	8.6	53.8	8.1	50.6
C. Geometry	**12**	**21**	7.1	59.2	7.1	59.2	6.9	57.5
D. Algebra	**14**	**25**	7.5	53.6	7.5	53.6	7.3	52.1

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: 7
SAU: Brunswick School Department
School: Brunswick Jr High 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	229	44	19	91	40	55	24	39	17	746	229	19	40	24	17	746	14120	16	42	25	18	745
Ethnicity																						
African American/Black	3										3						416	5	26	28	41	733
American Indian or Native Alaskan	0										1						119	8	30	31	30	737
Asian or Pacific Islander	5	1	20	3	60	1	20	0	0	750	5	20	60	20	0	750	258	25	43	19	13	750
Hispanic	7	2	29	4	57	1	14	0	0	755	7	29	57	14	0	755	142	8	39	23	30	739
Caucasian/White	214	41	19	84	39	51	24	38	18	746	213	19	39	23	18	746	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	42	0	0	10	24	10	24	22	52	728	43	0	23	23	53	727	2189	2	17	27	53	728
No	187	44	24	81	43	45	24	17	9	750	186	24	44	24	9	750	11931	18	46	25	11	748
Current LEP																						
Yes	3										3						323	4	20	28	48	729
No	226	44	19	91	40	53	23	38	17	746	226	19	40	23	17	746	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	63	2	3	21	33	26	41	14	22	738	63	3	33	41	22	738	5308	7	35	30	28	738
No	166	42	25	70	42	29	17	25	15	749	166	25	42	17	16	749	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	229	44	19	91	40	55	24	39	17	746	229	19	40	24	17	746	14112	16	42	25	18	745
Gender																						
Female	122	23	19	48	39	31	25	20	16	746	123	19	39	25	17	746	6992	16	43	25	16	745
Male	107	21	20	43	40	24	22	19	18	746	106	20	41	22	18	746	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1024	7	26	36	31	736
No	229	44	19	91	40	55	24	39	17	746	229	19	40	24	17	746	13096	16	43	24	17	745
Gifted/talented program																						
Yes	0										0						676	68	29	2	0	767
No	229	44	19	91	40	55	24	39	17	746	229	19	40	24	17	746	13444	13	42	26	18	744

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: 7
SAU: Brunswick School Department
School: Brunswick Jr High 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	11	1	4	4	17	8	33	11	46	728	11	4	17	33	46	728	7	6	30	28	36	735
B. less than one hour	53	25	21	50	42	27	23	17	14	748	53	21	42	22	14	748	52	16	42	25	17	745
C. one to two hours	33	14	19	34	45	17	23	10	13	748	33	19	45	23	13	748	37	18	44	24	14	747
D. more than two hours	3	4	57	2	29	1	14	0	0	759	3	57	29	14	0	759	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	29	27	41	24	36	11	17	4	6	755	29	42	37	15	6	756	26	35	43	12	9	754
B. good	50	16	14	52	46	26	23	18	16	745	50	14	46	23	16	745	46	13	48	25	15	745
C. fair	19	1	2	11	26	15	36	15	36	735	19	2	26	35	37	734	23	3	32	37	27	737
D. poor	2	0	0	2	40	2	40	1	20	744	2	0	40	40	20	744	5	1	22	37	40	731
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.	24	14	26	24	44	10	19	6	11	750	24	25	44	18	13	749	26	23	43	20	13	749
B. They match some of what I have learned.	58	26	20	54	41	31	24	20	15	747	58	20	41	24	15	747	53	15	45	26	15	746
C. They match just a little of what I have learned.	16	3	8	11	30	12	32	11	30	739	16	8	31	31	31	740	17	9	35	32	24	740
D. There is no match.	2	1	25	1	25	1	25	1	25	741	2	25	25	25	25	741	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	39	9	10	28	33	26	30	23	27	740	39	10	33	30	27	740	37	8	40	29	23	740
B. about the same as my regular schoolwork	49	20	18	53	48	25	23	12	11	748	49	18	48	22	12	748	51	16	44	25	15	746
C. easier than my regular schoolwork	12	14	52	9	33	3	11	1	4	760	12	52	33	11	4	760	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	43	18	19	34	36	26	27	17	18	745	43	19	36	27	18	745	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	51	24	21	52	46	22	19	15	13	749	51	21	46	19	14	749	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	6	1	7	4	29	3	21	6	43	733	6	7	29	21	43	733	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	13	2	7	10	34	9	31	8	28	738	13	7	34	31	28	738	8	8	30	29	33	737
B. 30–45 minutes	54	24	20	46	38	31	25	21	17	745	54	20	38	25	18	745	38	13	40	27	20	743
C. 45–60 minutes	29	15	23	33	51	13	20	4	6	752	29	23	51	20	6	752	42	20	45	23	12	748
D. more than 60 minutes	4	3	33	1	11	1	11	4	44	742	4	33	11	11	44	742	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	14	4	13	15	47	7	22	6	19	743	15	12	45	21	21	742	15	19	38	25	19	745
B. two or three days a week	46	32	31	42	40	18	17	12	12	752	46	31	40	17	12	752	31	18	42	24	16	746
C. two or three times a month	23	7	13	22	42	16	31	7	13	746	23	14	43	29	14	746	26	17	43	24	17	746
D. never or almost never	17	1	3	11	29	13	34	13	34	734	17	3	29	34	34	734	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	3	0	0	4	57	1	14	2	29	734	4	0	50	13	38	730	10	12	39	24	24	741
B. two or three days a week	15	5	15	14	41	7	21	8	24	742	15	15	42	18	24	743	22	13	43	26	18	744
C. two or three times each month	48	20	19	47	44	26	24	15	14	748	48	19	44	24	14	748	33	18	44	25	13	747
D. never or almost never	34	19	25	25	32	20	26	13	17	747	34	25	32	26	17	747	35	16	40	25	19	744
Optional school/SAU question																						
A.	18	0	0	0	0	1	50	1	50	722	17	0	0	50	50	722						
B.	55	0	0	0	0	1	17	5	83	718	50	0	0	17	83	718						
C.	9	0	0	0	0	0	0	1	100	718	8	0	0	0	100	718						
D.	18	0	0	0	0	1	50	1	50	726	25	0	0	33	67	717						

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