

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-GRADE TESTS 2012-2013
Grade 3 Goal Summary Report

State Level

	Developmental Scale Score Mean	Number of Valid Scores	Percent of Read Items per Form	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Reading	440.0	103110	100.0		
State 2013 ²	440.0	103110			
Common Core English Language Arts Concepts					
Literacy			22.0	71.9	0.0
Reading: Literature			34.9	76.9	0.0
Reading: Informational Text			43.2	70.1	0.0
	Developmental Scale Score Mean	Number of Valid Scores	Percent of Math Items per Form ³	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Mathematics	450.0	103976	100		
State 2013 ²	450.0	103976			
Calculator Inactive			50.0	60.5	0.0
Calculator Active			50.0	66.5	0.0
Common Core Mathematics Domains					
Operations and Algebraic Thinking			31.9	64.6	0.0
Numbers and Operations in Base 10			9.1	64.5	0.0
Numbers and Operations—Fractions			22.7	63.7	0.0
Measurement and Data			25.0	55.3	0.0
Geometry			11.4	77.3	0.0

¹ The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective.

² The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

³ The percentages of items for the Common Core Concepts should sum to 100. All scored math items are also reported as either Calculator Inactive or Active.

The English Language Arts Standard can be found at
<http://www.corestandards.org/ELA-Literacy>

The Grade 3 Mathematics Overview can be found at
<http://www.corestandards.org/Math/Content/3/introduction>

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-GRADE TESTS 2012-2013
Grade 4 Goal Summary Report

State Level

	Developmental Scale Score Mean	Number of Valid Scores	Percent of Read Items per Form	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Reading	446.0	110234	100.0		
State 2013 ²	446.0	110234			
Common Core English Language Arts Concepts					
Literacy			19.1	73.3	0.0
Reading: Literature			32.1	72.0	0.0
Reading: Informational Text			48.9	71.3	0.0
	Developmental Scale Score Mean	Number of Valid Scores	Percent of Math Items per Form ³	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Mathematics	449.9	111394	100		
State 2013 ²	449.9	111394			
Calculator Inactive			50.0	55.8	0.0
Calculator Active			50.0	62.8	0.0
Common Core Mathematics Domains					
Operations and Algebraic Thinking			15.9	57.5	0.0
Numbers and Operations in Base 10			25.0	65.1	0.0
Numbers and Operations—Fractions			29.6	56.1	0.0
Measurement and Data			15.9	56.1	0.0
Geometry			13.6	61.3	0.0

⁰ Form C has one item removed from scoring on the reading test so it has 43 scored items while the other forms have 44.

¹ The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective.

² The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

³ The percentages of items for the Common Core Concepts should sum to 100. All scored math items are also reported as either Calculator Inactive or Active.

The Common Core English Language Arts Standard can be found at
<http://www.corestandards.org/ELA-Literacy>

The Grade 4 Common Core Mathematics Overview can be found at
<http://www.corestandards.org/Math/Content/4/introduction>

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-GRADE TESTS 2012-2013
Grade 5 Goal Summary Report

State Level

	Developmental Scale Score Mean	Number of Valid Scores	Percent of Read Items per Form	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Reading	450.0	109770	100.0		
State 2013 ²	450.0	109770			
Common Core English Language Arts Concepts					
Literacy			15.3	71.5	0.0
Reading: Literature			42.7	70.2	0.0
Reading: Informational Text			42.0	68.1	0.0
	Developmental Scale Score Mean	Number of Valid Scores	Percent of Math Items per Form ³	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Mathematics	450.0	110969	100		
State 2013 ²	450.0	110969			
Calculator Inactive			50.0	54.1	0.0
Gridded Items			13.6	47.1	0.0
Calculator Active			50.0	60.4	0.0
Common Core Mathematics Domains					
Operations and Algebraic Thinking			6.8	62.0	0.0
Numbers and Operations in Base 10			25.0	59.4	0.0
Numbers and Operations—Fractions			50.0	55.4	0.0
Measurement and Data			13.6	58.3	0.0
Geometry			4.6	56.6	0.0

¹ The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective.

² The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

³ The percentages of items for the Common Core Concepts should sum to 100. All scored math items are also reported as either Calculator Inactive or Active. The "Gridded" items are part of the Calculator Inactive test.

The English Language Arts Standard can be found at
<http://www.corestandards.org/ELA-Literacy>

The Grade 5 Mathematics Overview can be found at
<http://www.corestandards.org/Math/Content/5/introduction>

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-GRADE TESTS 2012-2013
Grade 6 Goal Summary Report

State Level

	Developmental Scale Score Mean	Number of Valid Scores	Percent of Read Items per Form	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Reading	452.6	111656	100.0		
State 2013 ²	452.6	111656			
Common Core English Language Arts Concepts					
Literacy			18.1	73.4	0.0
Reading: Literature			38.2	69.4	0.0
Reading: Informational Text			43.75	66.0	0.0
	Developmental Scale Score Mean	Number of Valid Scores	Percent of Math Items per Form ³	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Mathematics	450.0	112617	100		
State 2013 ²	450.0	112617			
Calculator Inactive			30.0	44.6	0.0
Gridded Items			18.0	35.8	0.0
Calculator Active			70.0	54.5	0.0
Common Core Mathematics Domains					
Ratios and Proportional Relationships			26.0	55.2	0.0
The Number System			10.0	51.8	0.0
Expressions and Equations			26.0	47.7	0.0
Geometry			24.0	52.1	0.0
Statistics and Probability			14.0	56.3	0.0

¹ The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective.

² The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

³ The percentages of items for the Common Core Concepts should sum to 100. All scored math items are also reported as either Calculator Inactive or Active. The "Gridded" items are part of the Calculator Inactive test.

The English Language Arts Standard can be found at
<http://www.corestandards.org/ELA-Literacy>

The Grade 6 Mathematics Overview can be found at
<http://www.corestandards.org/Math/Content/6/introduction>

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-GRADE TESTS 2012-2013
Grade 7 Goal Summary Report

State Level

	Developmental Scale Score Mean	Number of Valid Scores	Percent of Read Items per Form	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Reading	456.0	110885	100.0		
State 2013 ²	456.0	110885			
Common Core English Language Arts Concepts					
Literacy			22.2	72.5	0.0
Reading: Literature			34.0	73.2	0.0
Reading: Informational Text			43.8	62.5	0.0
	Developmental Scale Score Mean	Number of Valid Scores	Percent of Math Items per Form ³	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Mathematics	450.0	111759	100		
State 2013 ²	450.0	111759			
Calculator Inactive			30.0	43.0	0.0
Gridded Items			18.0	33.0	0.0
Calculator Active			70.0	52.7	0.0
Common Core Mathematics Domains					
Ratios and Proportional Relationships			14.0	52.6	0.0
The Number System			30.0	29.3	0.0
Expressions and Equations			30.0	53.4	0.0
Geometry			16.0	46.4	0.0
Statistics and Probability			10.0	58.0	0.0

¹ The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective.

² The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

³ The percentages of items for the Common Core Concepts should sum to 100. All scored math items are also reported as either Calculator Inactive or Active. The "Gridded" items are part of the Calculator Inactive test.

The English Language Arts Standard can be found at
<http://www.corestandards.org/ELA-Literacy>

The Grade 7 Mathematics Overview can be found at
<http://www.corestandards.org/Math/Content/7/introduction>

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-GRADE TESTS 2012-2013
Grade 8 Goal Summary Report
Regular Test Administration

State Level

	Developmental Scale Score Mean	Number of Valid Scores	Percent of Read Items per Form ¹	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ²
Reading	458.7	108920	100.0		
State 2013 ³	458.7	108923			
Common Core English Language Arts Concepts					
Language			20.3	69.6	0.0
Reading: Literature			33.6	64.4	0.0
Reading: Informational Text			46.2	62.6	0.0
	Developmental Scale Score Mean	Number of Valid Scores	Percent of Math Items per Form ¹	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ²
Mathematics	450.0	109579	100.0		
State 2013 ³	450.0	109580			
Calculator Inactive			30.0	40.1	0.0
Gridded Response Items			18.0	27.7	0.0
Calculator Active			70.0	53.3	0.0
Common Core Mathematics Domains					
Functions			24.0	50.2	0.0
The Number System			6.0	22.6	0.0
Expressions and Equations			32.0	48.3	0.0
Geometry			22.0	56.5	0.0
Statistics and Probability			16.0	50.4	0.0

¹ Domains may not sum to 100 due to rounding.

² The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective.

³ The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

The English Language Arts Standard can be found at
<http://www.corestandards.org/ELA-Literacy>

The Grade 8 Mathematics Overview can be found at
<http://www.corestandards.org/Math/Content/8/introduction>

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-GRADE TESTS 2012-2013
Science Grade 5 Goal Summary Report

State Level

	Scale Score Mean	Number of Valid Scores	Percent of Science Items per Form	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Science	250.6	110674	100.0		
State 2013 ²	250.6	110674			
Physical Science			36.9	66.3	0.0
Forces and Motion			13.3	70.6	0.0
Matter: Properties and Change			14.7	68.7	0.0
Energy: Conservation and Transfer			8.9	56.1	0.0
Earth Science					
Earth Systems, Structures, and Processes			17.8	48.5	0.0
Life Science			45.4	69.8	0.0
Structures and Functions of Living Organisms			15.6	67.7	0.0
Ecosystems			16.7	64.1	0.0
Evolution and Genetics			13.1	79.6	0.0

¹ The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective.

² The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

The Grade 5 Essential Standards for Science can be found at:

<http://www.ncpublicschools.org/docs/acre/standards/new-standards/science/3-5.pdf>

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-GRADE TESTS 2012-2013
Science Grade 8 Goal Summary Report

State Level

	Scale Score Mean	Number of Valid Scores	Percent of Science Items per Form	Weighted Mean Pct Correct	Diff from 2013 State Mean Pct Correct ¹
Science	250.2	109375	100.0		
State 2013 ²	250.2	109375			
Physical Science			26.7	53.9	0.0
Matter: Properties and Change			16.7	53.9	0.0
Energy: Conservation and Transfer			10.0	53.9	0.0
Earth Science			25.0	56.8	0.0
Earth Systems, Structures, and Processes			13.3	60.4	0.0
Earth History			11.7	52.8	0.0
Life Science			48.3	62.4	0.0
Structures and Functions of Living Organisms			17.2	64.1	0.0
Ecosystems			11.1	64.2	0.0
Evolution and Genetics			13.3	64.9	0.0
Molecular Biology			6.7	50.2	0.0

¹ The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective.

² The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

The Grade 8 Essential Standards for Science can be found at:

<http://www.ncpublicschools.org/docs/acre/standards/new-standards/science/6-8.pdf>

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-COURSE TESTS 2012-2013
Biology Summary Goal Report

State Level

	Scale Score Mean	Number of Valid Scores	Percent of Biology Items per Form	Weighted Mean Percent Correct	Difference 2012-13 State Mean Percent Correct ¹
Biology	250.3	107332	100.0		
State 2012-13	250.3	107332			
Goal 1: Structure and Function of Living Organisms			20.1	61.5	0.0
Goal 2: Ecosystems			20.1	69.7	0.0
Goal 3: Evolution and Genetics			45.3	67.0	0.0
Goal 4: Molecular Biology			14.5	63.4	0.0

¹ The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective. The comparison data are from the Dec. 2012 to Spring 2013 test administrations.

² The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

The Essential Standards for Biology can be found at

<http://www.ncpublicschools.org/docs/acre/standards/new-standards/science/biology.pdf>

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-COURSE TESTS 2012-2013
English II Summary Goal Report

State Level

	Scale Score Mean	Number of Valid Scores	Percent of Eng II Items per Form ¹	Weighted Mean Percent Correct	Difference 2012-13 State Mean Percent Correct ²
English II	150.2	108770	100.0		
State 2012-13 ³	150.2	108770			
Common Core Conceptual Categories					
Literacy			17.4	58.7	0.0
Reading: Literature			38.3	62.8	0.0
Reading: Informational Text			44.3	60.4	0.0

¹ Three of the total scored items are constructed response (CR) items and a student may receive 0, 1, or 2 points on each of these items.

² The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective. The comparison data are from the Dec. 2012 to Spring 2013 test administrations.

³ The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

The ELA Course of study for grades 9-10 can be found at
<http://www.corestandards.org/ELA-Literacy/L/9-10>

PUBLIC SCHOOLS OF NORTH CAROLINA END-OF-COURSE TESTS 2012-2013
Math I Summary Goal Report

State Level

	Scale Score Mean	Number of Valid Scores	Percent of Alg 1 Items per Form ¹	Weighted Mean Percent Correct	Difference 2012-13 State Mean Percent Correct ²
Math I	249.4	121018	100.0		
State 2012-13 ³	249.4	121018			
Calculator Inactive			30.6	35.1	0.0
Gridded Items			20.4	30.0	0.0
Calculator Active			69.4	51.5	0.0
Common Core Conceptual Categories					
Common Core Algebra			30.6	46.1	0.0
Common Core Functions			37.7	43.3	0.0
Common Core Geometry			10.2	57.2	0.0
Common Core Number and Quantity			6.1	32.2	0.0
Common Core Statistics and Probability			15.3	53.7	0.0

¹ The percentages of items for the Common Core Concepts should sum to 100. All scored items are also reported as either Calculator Inactive or Active. The "Gridded" items are part of the Calculator Inactive test.

² The test forms used year to year may be different. Tests are equivalent at the total score level, not at the goal or objective level. Thus, forms from year to year may have more or less difficult items on a particular goal or objective. The comparison data are from the Dec. 2012 to Spring 2013 test administrations.

³ The goal summary report provides valid data about curriculum implementation when all multiple forms are administered within the same classroom/school/LEA, there are at least five students per form, and approximately equal numbers of students have taken each form. It is best to compare a group's weighted mean percent correct with the state weighted mean to determine how far above or below the state weighted mean the group has performed.

The Math I standards can be found at
<http://maccss.ncdpi.wikispaces.net/Math+I+Standards>