

**Note: There are limitations in the use of these reports. To understand their use, please read “What cautions should be considered when using Content Focus Reports?” on page 5 of this report.**

<b>Spring 2014 Algebra 1 End-of-Course (EOC) Assessment Next Generation Sunshine State Standards (NGSSS) Form 1</b>		
<b>NGSSS Benchmark</b>	<b>Content Focus</b>	<b>Number of Points Possible</b>
<b>Reporting Category 1. Functions, Linear Equations, and Inequalities</b>		
MA.912.A.2.3	Function notation; Identifying functions	4
MA.912.A.2.4	Domain/range from ordered pairs/table	2
MA.912.A.3.1	Solving linear equations	4
MA.912.A.3.3	Solving literal equations	1
MA.912.A.3.4	Solving/graphing compound inequalities; Solving/graphing simple inequalities	2
MA.912.A.3.5	Writing linear equations; Writing linear inequalities; Writing/solving linear equations	3
MA.912.A.3.8	Graph given equation in slope-intercept form; Graph given slope and y-intercept	2
MA.912.A.3.9	Slope and y-intercept given graph; Slope given two points; X-intercept given equation; Y-intercept given equation	4
MA.912.A.3.10	Point on perpendicular line; Slope parallel to given line; Writing equations of parallel lines; Writing equations of perpendicular lines	4
MA.912.A.3.11	Making predictions from data; Slope as a rate of change	2
MA.912.A.3.14	Solving systems using elimination; Writing/solving systems of linear equations	3
<b>Reporting Category Point Total</b>		<b>31</b>
<b>Reporting Category 2. Polynomials</b>		
MA.912.A.4.1	Simplifying monomial expressions	3
MA.912.A.4.2	Adding/subtracting polynomials; Simplifying polynomial expressions	3
MA.912.A.4.3	Greatest common factor; Trinomial factoring	3
MA.912.A.4.4	Dividing polynomials by monomials	1
<b>Reporting Category Point Total</b>		<b>10</b>
<b>Reporting Category 3. Rationals, Radicals, Quadratics, and Discrete Mathematics</b>		
MA.912.A.5.4	Solving algebraic proportions	2
MA.912.A.6.2	Simplifying radical expressions	1
MA.912.A.7.1	Identifying graph given quadratic equation	1
MA.912.A.7.2	Solving quadratic equations; Solving quadratic equations using the zero product property	3
MA.912.D.7.1	Cross product; Union and/or intersection	3
MA.912.D.7.2	Venn diagrams	3
<b>Reporting Category Point Total</b>		<b>13</b>

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<b>Spring 2014 Algebra 1 End-of-Course (EOC) Assessment Next Generation Sunshine State Standards (NGSSS) Form 2</b>		
<b>NGSSS Benchmark</b>	<b>Content Focus</b>	<b>Number of Points Possible</b>
<b>Reporting Category 1. Functions, Linear Equations, and Inequalities</b>		
MA.912.A.2.3	Function notation; Identifying functions	4
MA.912.A.2.4	Domain/range from ordered pairs/table	2
MA.912.A.3.1	Solving linear equations	4
MA.912.A.3.3	Solving literal equations	1
MA.912.A.3.4	Solving/graphing compound inequalities; Solving/graphing simple inequalities	2
MA.912.A.3.5	Solving literal equations; Writing linear equations; Writing/solving linear equations	3
MA.912.A.3.8	Graph given equation in slope-intercept form; Graph given slope and y-intercept	2
MA.912.A.3.9	Slope and y-intercept given graph; Slope given two points; X-intercept given equation; Y-intercept given equation	4
MA.912.A.3.10	Point on perpendicular line; Slope parallel to given line; Writing equations of parallel lines; Writing linear equations given point and slope	4
MA.912.A.3.11	Making predictions from data; Slope as a rate of change	2
MA.912.A.3.14	Solving systems using elimination; Writing/solving systems of linear equations	3
<b>Reporting Category Point Total</b>		<b>31</b>
<b>Reporting Category 2. Polynomials</b>		
MA.912.A.4.1	Simplifying monomial expressions	3
MA.912.A.4.2	Adding/subtracting polynomials; Multiplying binomial expressions	3
MA.912.A.4.3	Greatest common factor; Simplifying rational expressions; Trinomial factoring	3
MA.912.A.4.4	Dividing polynomials by monomials	1
<b>Reporting Category Point Total</b>		<b>10</b>
<b>Reporting Category 3. Rationals, Radicals, Quadratics, and Discrete Mathematics</b>		
MA.912.A.5.4	Solving algebraic proportions	2
MA.912.A.6.2	Simplifying radical expressions	1
MA.912.A.7.1	Identifying graph given quadratic equation	1
MA.912.A.7.2	Solving quadratic equations using the zero product property	3
MA.912.D.7.1	Cross product; Union and/or intersection	3
MA.912.D.7.2	Venn diagrams	3
<b>Reporting Category Point Total</b>		<b>13</b>

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<b>Spring 2014 Algebra 1 End-of-Course (EOC) Assessment Next Generation Sunshine State Standards (NGSSS) Form 3</b>		
<b>NGSSS Benchmark</b>	<b>Content Focus</b>	<b>Number of Points Possible</b>
<b>Reporting Category 1. Functions, Linear Equations, and Inequalities</b>		
MA.912.A.2.3	Function notation; Identifying functions	4
MA.912.A.2.4	Domain/range from ordered pairs/table	2
MA.912.A.3.1	Solving linear equations	4
MA.912.A.3.3	Solving literal equations	1
MA.912.A.3.4	Justify steps in solving inequalities; Solving/graphing simple inequalities	2
MA.912.A.3.5	Writing linear equations; Writing linear inequalities; Writing/solving linear equations	3
MA.912.A.3.8	Graph given equation in slope-intercept form; Graph given slope and y-intercept	2
MA.912.A.3.9	Slope given equation; Slope given two points; X-intercept given equation; Y-intercept given equation	4
MA.912.A.3.10	Point on perpendicular line; Slope parallel to given line; Writing equations of parallel lines; Writing linear equations given slope and y-intercept	4
MA.912.A.3.11	Making predictions from data; Slope as a rate of change	2
MA.912.A.3.14	Solving systems using elimination; Writing systems of linear equations; Writing/solving systems of linear equations	3
<b>Reporting Category Point Total</b>		<b>31</b>
<b>Reporting Category 2. Polynomials</b>		
MA.912.A.4.1	Simplifying monomial expressions	3
MA.912.A.4.2	Adding/subtracting polynomials; Simplifying polynomial expressions	3
MA.912.A.4.3	Greatest common factor; Trinomial factoring	3
MA.912.A.4.4	Dividing polynomials by monomials	1
<b>Reporting Category Point Total</b>		<b>10</b>
<b>Reporting Category 3. Rationals, Radicals, Quadratics, and Discrete Mathematics</b>		
MA.912.A.5.4	Solving algebraic proportions	2
MA.912.A.6.2	Simplifying radical expressions	1
MA.912.A.7.1	Identifying graph given quadratic equation	1
MA.912.A.7.2	Solving quadratic equations using the zero product property; Solving quadratic equations with quadratic formula	3
MA.912.D.7.1	Cross product; Union and/or intersection	3
MA.912.D.7.2	Venn diagrams	3
<b>Reporting Category Point Total</b>		<b>13</b>

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<b>Spring 2014 Algebra 1 End-of-Course (EOC) Assessment Next Generation Sunshine State Standards (NGSSS) Form 4</b>		
<b>NGSSS Benchmark</b>	<b>Content Focus</b>	<b>Number of Points Possible</b>
<b>Reporting Category 1. Functions, Linear Equations, and Inequalities</b>		
MA.912.A.2.3	Function notation; Identifying functions	4
MA.912.A.2.4	Domain/range from ordered pairs/table	2
MA.912.A.3.1	Solving linear equations	4
MA.912.A.3.3	Solving literal equations	1
MA.912.A.3.4	Solving/graphing compound inequalities; Solving/graphing simple inequalities	2
MA.912.A.3.5	Writing linear equations; Writing linear inequalities; Writing/solving linear equations	3
MA.912.A.3.8	Graph given equation in slope-intercept form; Graph given slope and y-intercept	2
MA.912.A.3.9	Slope given two points; X-intercept given equation; Y-intercept given equation	4
MA.912.A.3.10	Point on perpendicular line; Slope parallel to given line; Writing equations of parallel lines; Writing equations of perpendicular lines	4
MA.912.A.3.11	Making predictions from data; Slope as a rate of change	2
MA.912.A.3.14	Solving systems using elimination; Writing systems of linear equations; Writing/solving systems of linear equations	3
<b>Reporting Category Point Total</b>		<b>31</b>
<b>Reporting Category 2. Polynomials</b>		
MA.912.A.4.1	Simplifying monomial expressions	3
MA.912.A.4.2	Adding/subtracting polynomials; Multiplying binomial expressions; simplifying polynomial expressions	3
MA.912.A.4.3	Greatest common factor; Trinomial factoring	3
MA.912.A.4.4	Dividing polynomials by monomials	1
<b>Reporting Category Point Total</b>		<b>10</b>
<b>Reporting Category 3. Rationals, Radicals, Quadratics, and Discrete Mathematics</b>		
MA.912.A.5.4	Solving algebraic proportions	2
MA.912.A.6.2	Simplifying radical expressions	1
MA.912.A.7.1	Identifying graph given quadratic equation	1
MA.912.A.7.2	Solving quadratic equations using the zero product property; Solving quadratic equations with quadratic formula	3
MA.912.D.7.1	Cross product; Union and/or intersection	3
MA.912.D.7.2	Venn diagrams	3
<b>Reporting Category Point Total</b>		<b>13</b>

***What is content focus?***

"Content focus" is a term that defines the specific content measured by each Spring 2014 Algebra 1 EOC Assessment test item.

**The Next Generation Sunshine State Standards (NGSSS) benchmarks and content foci assessed on the Spring 2014 Algebra 1 EOC Assessment are not predictive of future Algebra 1 EOC Assessments.**

***What cautions should be considered when using Content Focus Reports?***

Content Focus Reports should not be used to make decisions about instruction at the individual student level. Some reporting categories have too few test items to report reliable or meaningful scores at the student level. While well-intended, providing remedial instruction in a specific reporting category may not be justified and may be an inefficient use of instructional time. Content focus data should not be used as sole indicators to determine remedial needs of students.

When interpreting content focus data, the following cautions and information should also be considered:

- The number of items in a reporting category may vary from one year to another. Consequently, users should not compare performance data such as mean percent correct.
- Mean content area scores for each test form might be different; therefore, users should not compare content area scores across test forms.
- The difficulty of the items measuring each benchmark will vary from one year to the next. Consequently, users should not compare content area scores across years.
- The analysis is based on state-level data that are not intended to provide specific classroom, school, or district interpretations.
- Scale score values cannot accurately be determined using Content Focus Reports for a number of reasons. For instance, test scores are generated from students' performance on the entirety of the test, which accounts for the difficulty (also called cognitive complexity) of test items.

***How may content area scores be used?***

Guidance on how content area scores may be used by schools and districts is provided on pages 11-12 of [Understanding Florida End-of-Course Assessment Reports, Spring 2014](#) (PDF).