

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

FLORIDA STANDARDS MAP
(Algebra I)

Standard No.	Standard Language	Publisher Citations	
	ALGEBRA I	Primary Citations	Supporting Citations
LA.910.1.6.1	Use new vocabulary that is introduced and taught directly.	1.01 to 1.02 1.05 1.07 to 1.08 1.25 1.30 2.01 to 2.03 2.08 to 2.09 2.22 2.31 to 2.32 2.38 2.40 2.43 to 2.44 2.49 2.52 to 2.53 3.01 to 3.02 3.05 3.13 3.26 3.53 4.01 to 4.03 4.05 4.07 4.12 4.16 5.01 5.15 5.23	1.10 to 1.11 1.21 to 1.22 1.28 to 1.29 1.36 to 1.37 1.39 2.06 to 2.07 2.19 to 2.20 2.29 to 2.30 2.36 to 2.37 2.41 to 2.42 2.50 to 2.51 2.55 3.11 to 3.12 3.19 to 3.20 3.24 to 3.25 3.28 to 3.29 3.33 3.39 3.49 to 3.50 3.55 3.58 to 3.59 3.61 4.10 to 4.11 4.14 to 4.15 4.20 to 4.22 5.06 to 5.07 5.11 to 5.12

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
		5.29	5.21 to 5.22
		5.42 to 5.43	5.25 to 5.26
		5.50	5.39 to 5.40
		5.58	5.47 to 5.48
		5.62	5.57
		6.01 to 6.02	5.64 to 5.65
		6.07 to 6.09	6.13 to 6.14
		6.12	6.20 to 6.21
		6.15	6.31 to 6.33
		6.17	7.03 to 7.04
		6.19	7.08 to 7.09
		6.22	7.20 to 7.21
		6.24	7.30 to 7.31
		6.30	7.35 to 7.36
		7.01	7.46 to 7.47
		7.11	8.11 to 8.12
		7.22	8.21 to 8.22
		7.37	8.25 to 8.26
		7.42 to 7.43	8.33 to 8.34
		8.02 to 8.04	8.38 to 8.40
		8.13 to 8.14	9.10 to 9.11
		8.16	9.22 to 9.23
		8.19 to 8.20	9.31 to 9.32
		8.28 to 8.29	9.37 to 9.39
		8.35	10.12 to 10.13
		9.01 to 9.03	10.18 to 10.19
		9.06	10.27 to 10.28
		9.12 to 9.14	10.33 to 10.34
		9.16	10.41 to 10.42
		9.24	10.49 to 10.50
		9.34	10.62 to 10.63
		10.01 to 10.06	10.69 to 10.70
		10.08	10.77 to 10.78
		10.15 to 10.16	10.83 to 10.85

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
		10.30 to 10.31 10.43 10.52 10.71 to 10.72 10.75 to 10.76 10.79 11.01 11.26 11.34 11.39 to 11.40 11.48 12.01 to 12.03 12.05 12.09 12.17 12.19 12.25 12.33 12.38 12.46 to 12.47 12.59 13.01 13.13 13.21 13.27 13.35 13.39 13.41 13.51 13.55 13.59	11.08 to 11.09 11.17 to 11.18 11.24 to 11.25 11.28 to 11.29 11.32 to 11.33 11.37 to 11.38 11.49 to 11.51 12.07 to 12.08 12.15 to 12.16 12.23 to 12.24 12.31 to 12.32 12.35 to 12.36 12.43 to 12.44 12.52 to 12.53 12.57 to 12.58 12.67 to 12.69 13.11 to 13.12 13.19 to 13.20 13.25 to 13.26 13.37 to 13.38 13.43 to 13.44 13.53 to 13.54 13.57 to 13.58 13.61 to 13.63
LA.910.1.6.2	Listen to, read, and discuss familiar and conceptually challenging text.	1.01 to 13.65 A1.01 to A2.22	

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
LA.910.1.6.5	Relate new vocabulary to familiar words.	1.01 to 1.02 1.05 1.07 to 1.08 1.25 1.30 2.01 to 2.03 2.08 to 2.09 2.22 2.31 to 2.32 2.38 2.40 2.43 to 2.44 2.49 2.52 to 2.53 3.01 to 3.02 3.05 3.13 3.26 3.53 4.01 to 4.03 4.05 4.07 4.12 4.16 5.01 5.15 5.23 5.29 5.42 to 5.43 5.50 5.58 5.62 6.01 to 6.02 6.07 to 6.09	1.10 to 1.11 1.21 to 1.22 1.28 to 1.29 1.36 to 1.37 1.39 2.06 to 2.07 2.19 to 2.20 2.29 to 2.30 2.36 to 2.37 2.41 to 2.42 2.50 to 2.51 2.55 3.11 to 3.12 3.19 to 3.20 3.24 to 3.25 3.28 to 3.29 3.33 3.39 3.49 to 3.50 3.55 3.58 to 3.59 3.61 4.10 to 4.11 4.14 to 4.15 4.20 to 4.22 5.06 to 5.07 5.11 to 5.12 5.21 to 5.22 5.25 to 5.26 5.39 to 5.40 5.47 to 5.48 5.57 5.64 to 5.65 6.13 to 6.14

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
		6.12	6.20 to 6.21
		6.15	6.31 to 6.33
		6.17	7.03 to 7.04
		6.19	7.08 to 7.09
		6.22	7.20 to 7.21
		6.24	7.30 to 7.31
		6.30	7.35 to 7.36
		7.01	7.46 to 7.47
		7.11	8.11 to 8.12
		7.22	8.21 to 8.22
		7.37	8.25 to 8.26
		7.42 to 7.43	8.33 to 8.34
		8.02 to 8.04	8.38 to 8.40
		8.13 to 8.14	9.10 to 9.11
		8.16	9.22 to 9.23
		8.19 to 8.20	9.31 to 9.32
		8.28 to 8.29	9.37 to 9.39
		8.35	10.12 to 10.13
		9.01 to 9.03	10.18 to 10.19
		9.06	10.27 to 10.28
		9.12 to 9.14	10.33 to 10.34
		9.16	10.41 to 10.42
		9.24	10.49 to 10.50
		9.34	10.62 to 10.63
		10.01 to 10.06	10.69 to 10.70
		10.08	10.77 to 10.78
		10.15 to 10.16	10.83 to 10.85
		10.30 to 10.31	11.08 to 11.09
		10.43	11.17 to 11.18
		10.52	11.24 to 11.25
		10.71 to 10.72	11.28 to 11.29
		10.75 to 10.76	11.32 to 11.33
		10.79	11.37 to 11.38
		11.01	11.49 to 11.51

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
		11.26 11.34 11.39 to 11.40 11.48 12.01 to 12.03 12.05 12.09 12.17 12.19 12.25 12.33 12.38 12.46 to 12.47 12.59 13.01 13.13 13.21 13.27 13.35 13.39 13.41 13.51 13.55 13.59	12.07 to 12.08 12.15 to 12.16 12.23 to 12.24 12.31 to 12.32 12.35 to 12.36 12.43 to 12.44 12.52 to 12.53 12.57 to 12.58 12.67 to 12.69 13.11 to 13.12 13.19 to 13.20 13.25 to 13.26 13.37 to 13.38 13.43 to 13.44 13.53 to 13.54 13.57 to 13.58 13.61 to 13.63
LA.910.3.1.3	Pre-write by using organizational strategies and tools (e.g., technology, spreadsheet, outline, chart, table, graph, Venn Diagram, web, story map, plot pyramid) to develop a personal organizational style.	1.17 to 1.19 3.52 4.01 to 4.07 5.14 5.52 5.59 to 5.61 6.03 to 6.04 6.07 6.30 7.27	1.39 3.61 4.22 5.65 6.33 7.47 8.40 10.85 11.51

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
		8.19 to 8.20 8.31 10.11 10.52 11.06 11.12 11.23	
MA.912.A.1.8	Use the zero product property of real numbers in a variety of contexts to identify solutions to equations.	13.03 to 13.10 13.13	13.11 to 13.12 13.63
MA.912.A.2.3	Describe the concept of a function, use function notation, determine whether a given relation is a function, and link equations to functions.	6.01 to 6.04 6.06 to 6.11	6.05 6.12 to 6.14 6.33
MA.912.A.2.4	Determine the domain and range of a relation.	6.01 6.06 6.10	6.13 to 6.14 6.33
MA.912.A.2.13	Solve real-world problems involving relations and functions.	3.34 to 3.35 3.45 to 3.47 3.51 3.53 6.16 6.18 to 6.19	3.39 3.49 to 3.50 3.55 3.61 6.01 to 6.02 6.07 6.20 to 6.21 6.33
MA.912.A.3.1	Solve linear equations in one variable that include simplifying algebraic expressions.	3.02 to 3.09 3.15 to 3.16 3.21 to 3.22 3.30 to 3.31 3.34 to 3.35 3.40 to 3.41 3.45 to 3.47 3.51 to 3.53	3.11 to 3.12 3.17 to 3.20 3.23 to 3.25 3.32 to 3.33 3.37 to 3.39 3.42 3.49 to 3.50 3.54 to 3.55 3.61
MA.912.A.3.2	Identify and apply the distributive, associative, and commutative	1.07 to 1.08 2.44 to 2.46	1.10 to 1.11 1.39

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
	properties of real numbers and the properties of equality.	3.02 3.05 to 3.06 3.08 to 3.09 3.17	2.47 to 2.48 2.55 3.03 to 3.04 3.07 3.11 to 3.12 3.19 to 3.20 3.61
MA.912.A.3.3	Solve literal equations for a specified variable.	3.56 to 3.57	3.58 to 3.59 3.61
MA.912.A.3.4	Solve and graph simple and compound inequalities in one variable and be able to justify each step in a solution.	8.01 to 8.04 8.06 to 8.10 8.13 to 8.14 8.16 8.18 to 8.20	8.05 8.11 to 8.12 8.15 8.17 8.21 to 8.22 8.40
MA.912.A.3.5	Symbolically represent and solve multi-step and real-world applications that involve linear equations and inequalities.	3.30 3.32 3.34 to 3.35 3.41 3.45 to 3.47 3.51 to 3.53 6.16 8.09 to 8.10	3.33 3.36 to 3.37 3.40 3.42 to 3.44 3.48 to 3.50 3.54 to 3.55 3.61 6.20 to 6.21 6.33 8.11 to 8.12 8.40
MA.912.A.3.7	Rewrite equations of a line into slope-intercept form and standard form.	5.44	5.30 5.41 5.47 to 5.48 5.65
MA.912.A.3.8	Graph a line given any of the following information: a table of values, the x- and y-intercepts, two points, the slope and a point, the equation of the line in slope-intercept form, standard form, or point-slope form.	5.13 to 5.14 5.16 to 5.17 5.30 5.32 5.35 5.41	5.18 5.21 to 5.22 5.65

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
MA.912.A.3.9	Determine the slope, x-intercept, and y-intercept of a line given its graph, its equation, or two points on the line.	5.23 to 5.24 5.27 to 5.28 5.30 to 5.31 6.08 7.07 13.48 to 13.51	5.25 to 5.26 5.39 to 5.40 5.65 7.08 to 7.09 7.47 13.53 to 13.54 13.63
MA.912.A.3.10	Write an equation of a line given any of the following information: two points on the line, its slope and one point on the line, or its graph. Also, find an equation of a new line parallel to a given line, or perpendicular to a given line, through a given point on the new line.	5.33 to 5.35 5.45 to 5.46	5.38 to 5.40 5.47 to 5.48 5.65
MA.912.A.3.11	Write an equation of a line that models a data set and use the equation or the graph to make predictions. Describe the slope of the line in terms of the data, recognizing that the slope is the rate of change.	5.36 5.50 5.52 5.55 5.62	5.27 to 5.28 5.30 5.39 to 5.40 5.51 5.53 to 5.54 5.56 to 5.57 5.63 to 5.65
MA.912.A.3.12	Graph a linear equation or inequality in two variables with and without graphing technology. Write an equation or inequality represented by a given graph.	5.13 to 5.14 5.16 to 5.17 5.30 5.32 5.35 5.41 8.28 to 8.31	5.18 to 5.19 5.21 to 5.22 8.32 to 8.34 8.40
MA.912.A.3.13	Use a graph to approximate the solution of a system of linear equations or inequalities in two variables with and without technology.	7.05 to 7.07 8.29 to 8.31	7.08 to 7.09 7.47 8.28 8.33 to 8.34 8.40
MA.912.A.3.14	Solve systems of linear equations and	7.01	7.02 to 7.04

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
	inequalities in two variables using graphical, substitution, and elimination methods.	7.05 to 7.07 7.11 to 7.17 7.22 to 7.28 8.27 to 8.31	7.08 to 7.10 7.18 to 7.21 7.29 to 7.31 7.47 8.32 to 8.34 8.40
MA.912.A.3.15	Solve real-world problems involving systems of linear equations and inequalities in two variables.	7.06 7.12 to 7.13 7.17 7.23 to 7.27 8.31	7.08 to 7.09 7.20 to 7.21 7.30 to 7.31 7.47 8.32 to 8.34 8.40
MA.912.A.4.1	Simplify monomials and monomial expressions using the laws of integral exponents.	9.02 to 9.03 9.12 to 9.14 9.16 10.20 10.35 12.61	9.10 to 9.11 9.22 to 9.23 9.39 10.01 10.27 to 10.28 10.41 to 10.42 10.85
MA.912.A.4.2	Add, subtract, and multiply polynomials.	10.14 to 10.17 10.20 to 10.25 10.29 to 10.32	9.01 to 9.23 10.18 to 10.19 10.26 to 10.28 10.33 to 10.34 10.85
MA.912.A.4.3	Factor polynomial expressions.	10.51 to 10.53 10.55 to 10.59 10.64 to 10.67 10.71 to 10.72 10.75 to 10.76	10.54 10.60 10.62 to 10.63 10.68 to 10.70 10.73 to 10.74 10.77 to 10.78 10.79 to 10.85
MA.912.A.4.4	Divide polynomials by monomials with various techniques.	10.35 to 10.37	10.41 to 10.42 10.85
MA.912.A.5.1	Simplify algebraic ratios.	11.02 to 11.05	11.06 11.08 to 11.09 11.51

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
MA.912.A.5.4	Solve algebraic proportions.	11.39 to 11.45	11.46 to 11.51
MA.912.A.6.1	Simplify radical expressions.	12.04 12.06 12.10 to 12.11	12.01 to 12.03 12.07 to 12.09 12.15 to 12.16 12.69
MA.912.A.6.2	Add, subtract, multiply and divide radical expressions (square roots).	12.12 12.17 to 12.20 12.25 to 12.26 12.28 to 12.29 12.34 12.37 to 12.41	12.13 to 12.16 12.22 to 12.24 12.27 12.30 to 12.33 12.35 to 12.36 12.42 to 12.47 12.69
MA.912.A.7.1	Graph quadratic equations with and without graphing technology.	6.09 13.46 to 13.47	6.13 to 6.14 6.33 13.53 to 13.54 13.63
MA.912.A.7.2	Solve quadratic equations over the real numbers by factoring and by using the quadratic formula.	13.03 to 13.10 13.27 13.29 13.31 to 13.32 13.34 to 13.35	13.11 to 13.13 13.30 13.33 13.37 to 13.38 13.63
MA.912.A.7.8	Use quadratic equations to solve real-world problems.	13.07 13.09 to 13.10 13.16 13.18 13.29 13.34 to 13.35 13.56	13.11 to 13.12 13.19 to 13.20 13.36 to 13.38 13.57 13.63
MA.912.A.7.10	Use graphing technology to find approximate solutions of quadratic equations.		6.09 10.11 13.47 to 13.51 13.53 to 13.54 13.63
MA.912.A.10.1	Use a variety of problem-solving strategies, such as drawing a diagram, making a chart, guess-and-check, solving a simpler problem, writing an	1.17 to 1.18 1.26 1.33 to 1.35 1.38	1.39 2.55 3.61 4.22

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
	equation, working backwards, and creating a table.	2.14 to 2.15 2.27 3.34 to 3.35 3.41 3.45 to 3.47 3.51 to 3.53 3.57 4.01 to 4.09 4.16 5.14 5.35 to 5.36 6.16 6.26 7.06 7.16 to 7.17 7.23 to 7.28 7.33 7.45 8.10 8.31 8.36 10.09 10.38 to 10.40 10.82 11.07 11.42 11.45 12.37 12.39 12.41 12.50 to 12.51 13.08 to 13.10 13.18 13.28 to 13.29 13.35 A2.02	5.65 6.33 7.47 8.40 10.85 11.51 12.69 13.63

Publisher: Kinetic Books®
 Program Title: *Algebra I*
 Components:
 Grade Level(s): High School

Standard No.	Standard Language	Publisher Citations	
MA.912.A.10.2	Decide whether a solution is reasonable in the context of the original situation.	3.53 7.19 11.40 12.47 12.50 to 12.51 12.55	3.55 3.61 7.20 to 7.21 11.49 to 11.51 12.52 to 12.53 12.57 to 12.58 12.69
MA.912.A.10.3	Decide whether a given statement is always, sometimes, or never true (statements involving linear expressions, equations, and inequalities).	1.25 7.19 8.01 8.03 to 8.04 8.13 to 8.14 8.27	1.28 to 1.29 1.39 8.11 to 8.12 8.21 to 8.22 8.40
MA.912.D.7.1	Perform set operations such as union and intersection, complement, and cross product.	8.19 to 8.20	2.03 8.18 8.21 to 8.22 8.40
MA.912.D.7.2	Use Venn diagrams to explore relationships and patterns, and to make arguments about relationships between sets.	8.19 to 8.20	8.21 to 8.22 8.40
MA.912.G.1.4	Use coordinate geometry to find slopes, parallel lines, perpendicular lines, and equations of lines.	5.23 to 5.24 5.31 to 5.36 5.42 to 5.46	5.27 5.39 to 5.40 5.47 to 5.48 5.65