

## Pacing for Glencoe's *Florida Algebra 1*, Regular and Honors

Lesson Number	Lesson Title	Standard(s) Covered	Regular Pacing (days)	Honors Pacing (days)
1-3	Properties of Numbers	MA.912.A.3.2	2	2
1-4	The Distributive Property	LA.910.1.6.5, MA.912.A.3.2	1	1.5
1-5	Equations	MA.912.A.3.1	1	1
1-6	Relations	MA.912.A.2.4, MA.912.A.2.13	2	2
1-7	Functions	MA.912.A.2.3, MA.912.A.2.13	2	2
Extend 1-7	Graphing Technology Lab: Representing Functions	MA.912.A.3.8, MA.912.A.3.12	1	0.5
1-8	Logical Reasoning and Counterexamples	LA.910.1.6.1	1	1
Extend 1-8	Algebra Lab: Sets	MA.912.D.7.1, MA.912.D.7.2	1	1
Chapter 1	Review and Testing	—	2	2
2-1	Writing Equations	LA.910.3.1.3	1	1
Explore 2-2	Algebra Lab: Solving Equations	MA.912.A.3.1	1	1
2-2	Solving One-Step Equations	MA.912.A.3.1, MA.912.A.3.5, MA.912.A.10.3	2	2
Explore 2-3	Algebra Lab: Solving Multi-Step Equations	MA.912.A.3.1	1	0.5
2-3	Solving Multi-Step Equations	MA.912.A.3.1, MA.912.A.3.5, MA.912.A.10.3	2	2
2-4	Solving Equations with the Variable on Each Side	MA.912.A.3.1, MA.912.A.3.5	2	2
2-5	Solving Equations Involving Absolute Value	MA.912.A.3.6*	0	2
2-6	Ratios and Proportions	MA.912.A.5.1, MA.912.A.5.4	1	1
Extend 2-6	Spreadsheet Lab: Financial Ratios	LA.910.3.1.3	1	0.5
2-7	Percent of Change	MA.912.A.5.4	1	1
2-8	Literal Equations and Dimensional Analysis	MA.912.A.3.3, MA.912.A.3.5	2	2
2-9	Weighted Averages	MA.912.A.3.5, MA.912.A.10.1	2	2
Chapter 2	Review and Testing	—	2	2

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3-1	Graphing Linear Equations	MA.912.A.2.13, MA.912.A.3.7, MA.912.A.3.8, MA.912.A.3.12, MA.912.A.3.9	2	2
3-2	Solving Linear Equations by Graphing	MA.912.A.3.8, MA.912.A.3.9	1	1
Extend 3-2	Graphing Technology Lab: Graphing Linear Functions	MA.912.A.3.12	1	1
Explore 3-3	Algebra Lab: Rate of Change of a Linear Function	MA.912.A.3.9	1	0.5
3-3	Rate of Change and Slope	MA.912.A.3.9, MA.912.G.1.4	2	2
3-4	Direct Variation	MA.912.A.3.5, MA.912.A.3.9, MA.912.A.10.1, MA.912.G.1.4	1	1
3-5	Arithmetic Sequences as Linear Functions	LA.910.1.6.1, MA.912.A.2.13	2	2
Extend 3-5	Algebra Lab: Inductive and Deductive Reasoning	LA.910.1.6.2**	0.5	0
3-6	Proportional and Nonproportional Relationships	MA.912.A.2.13	1	1
Chapter 3	Review and Testing	—	2	2
Explore 4-1	Graphing Technology Lab: Investigating Slope-Intercept Form	LA.910.3.1.3	1	0.5
4-1	Graphing Equations in Slope-Intercept Form	MA.912.A.3.5, MA.912.A.3.7, MA.912.A.3.8, MA.912.A.3.9, MA.912.A.3.12, MA.912.G.1.4	1	1.5
Extend 4-1	Graphing Technology Lab: The Family of Linear Graphs	MA.912.A.3.8, MA.912.A.3.12	1	1
4-2	Writing Equations in Slope-Intercept Form	MA.912.A.3.5, MA.912.A.3.7, MA.912.A.3.8, MA.912.A.3.9, MA.912.A.3.10	2	2
4-3	Writing Equations in Point-Slope Form	MA.912.A.3.5, MA.912.A.3.7, MA.912.A.3.8, MA.912.A.3.9, MA.912.A.3.10, MA.912.A.3.12, MA.912.G.1.4	2	2
4-4	Parallel and Perpendicular Lines	MA.912.A.3.10, MA.912.G.1.4, MA.912.A.10.3	1	1
4-5	Scatter Plots and Lines of Fit	MA.912.A.3.11, MA.912.A.10.2	2	2
4-6	Regression and Median-Fit Lines	MA.912.A.3.11, MA.912.A.10.2	2	2

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4-7	Special Functions	LA.910.1.6.5, MA.912.A.2.13	2	2
Chapter 4	Review and Testing	—	2	2
5-1	Solving Inequalities by Addition and Subtraction	MA.912.A.3.4, MA.912.A.3.5	1	1
Explore 5-2	Algebra Lab: Solving Inequalities	MA.912.A.3.4	1	0.5
5-2	Solving Inequalities by Multiplication and Division	MA.912.A.3.4, MA.912.A.3.5, MA.912.A.10.3	2	2
5-3	Solving Multi-Step Inequalities	MA.912.A.3.4, MA.912.A.3.5	1	1
Explore 5-4	Algebra Lab: Reading Compound Statements	LA.910.1.6.2**	0.5	0
5-4	Solving Compound Inequalities	MA.912.A.3.4, MA.912.A.3.5	2	2
5-5	Inequalities Involving Absolute Value	MA.912.A.3.4**, MA.912.A.3.6*	1	2
5-6	Graphing Inequalities in Two Variables	MA.912.A.3.12	2	2
Extend 5-6	Graphing Technology Lab: Graphing Inequalities	MA.912.A.3.12	1	0.5
Chapter 5	Review and Testing	—	2	2
6-1	Graphing Systems of Equations	MA.912.A.3.13, MA.912.A.3.14, MA.912.A.3.15, MA.912.A.10.2, MA.912.A.10.3	2	2
Extend 6-1	Graphing Technology Lab: Systems of Equations	MA.912.A.3.13, MA.912.A.3.14	1	1
6-2	Substitution	MA.912.A.3.14, MA.912.A.3.15	1	1
6-3	Elimination Using Addition and Subtraction	MA.912.A.3.14, MA.912.A.3.15, MA.912.A.10.2	1	1
6-4	Elimination Using Multiplication	MA.912.A.3.14, MA.912.A.3.15	2	2
6-5	Applying Systems of Linear Equations	LA.910.1.6.2, MA.912.A.3.14, MA.912.A.3.15, MA.912.A.10.2	2	2
Extend 6-5	Spreadsheet Lab: Credit Cards and Cash	LA.910.3.1.3	1	0.5
6-6	Organizing Data Using Matrices	MA.912.A.10.1	1	1
6-7	Using Matrices to Solve Systems of Equations	MA.912.A.3.15	2	2
6-8	Systems of Inequalities	MA.912.A.3.14, MA.912.A.3.15, MA.912.A.10.3	2	2
Extend 6-8	Graphing Technology Lab: Systems of Inequalities	MA.912.A.3.13, MA.912.A.3.14	1	1

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Lesson Number	Lesson Title	Standard(s) Covered	Regular Pacing (days)	Honors Pacing (days)
Chapter 6	Review and Testing	—	2	2
7-1	Multiplying Monomials	MA.912.A.4.1	2	2
7-2	Dividing Monomials	MA.912.A.4.1	2	2
7-3	Scientific Notation	MA.912.A.4.1	1	1
7-4	Polynomials	LA.910.1.6.1**	1	0
Explore 7-5	Algebra Lab: Adding and Subtracting Polynomials	MA.912.A.4.2	1	1
7-5	Adding and Subtracting Polynomials	MA.912.A.4.2	2	2
7-6	Multiplying a Polynomial by a Monomial	MA.912.A.4.2	1	1
Explore 7-7	Algebra Lab: Multiplying Polynomials	MA.912.A.4.2	1	1
7-7	Multiplying Polynomials	MA.912.A.4.2	2	2
7-8	Special Products	MA.912.A.4.2	2	2
Chapter 7	Review and Testing	—	2	2
8-1	Monomials and Factoring	LA.910.1.6.1**	1	0
Explore 8-2	Algebra Lab: Factoring Using the Distributive Property	MA.912.A.3.2, MA.912.A.4.3	1	0.5
8-2	Using the Distributive Property	MA.912.A.1.8, MA.912.A.3.2, MA.912.A.4.3	2	2
Explore 8-3	Algebra Lab: Factoring Trinomials	MA.912.A.4.3	1	1
8-3	Quadratic Equations: $x^2 + bx + c = 0$	MA.912.A.1.8, MA.912.A.4.3, MA.912.A.7.2, MA.912.A.7.8, MA.912.A.10.2	2	2
8-4	Quadratic Equations: $ax^2 + bx + c = 0$	MA.912.A.1.8, MA.912.A.4.3, MA.912.A.7.2, MA.912.A.7.8	2	2
8-5	Quadratic Equations: Differences of Squares	MA.912.A.1.8, MA.912.A.4.3, MA.912.A.7.2, MA.912.A.7.8	1	1
8-6	Quadratic Equations: Perfect Squares	MA.912.A.4.3, MA.912.A.7.2, MA.912.A.7.8	1	1
Chapter 8	Review and Testing	—	2	2
9-1	Graphing Quadratic Functions	MA.912.A.7.1, MA.912.A.7.6*, MA.912.A.2.13	2	2

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9-2	Solving Quadratic Equations by Graphing	MA.912.A.1.8, MA.912.A.7.1, MA.912.A.7.6*, MA.912.A.7.8, MA.912.A.7.10, MA.912.A.10.3	2	2
9-3	Transformations of Quadratic Functions	MA.912.A.10.3	1	1
9-4	Solving Quadratic Equations by Completing the Square	LA.910.1.6.5, MA.912.A.7.8, MA.912.A.10.2	1	1
9-5	Solving Quadratic Equations by Using the Quadratic Formula	MA.912.A.1.8, MA.912.A.7.2, MA.912.A.7.8	2	2
9-6	Exponential Functions	MA.912.A.2.13, MA.912.A.10.3	2	2
9-7	Growth and Decay	MA.912.A.2.13	1	1
9-8	Geometric Sequences as Exponential Functions	MA.912.A.2.13	2	2
9-9	Analyzing Functions with Successive Differences and Ratios	MA.912.A.2.13	1	1
Chapter 9	Review and Testing	—	2	2
10-1	Square Root Functions	MA.912.A.2.13	2	2
10-2	Simplifying Radical Expressions	MA.912.A.6.1	2	2
10-3	Operations with Radical Expressions	LA.910.1.6.5, MA.912.A.6.2	2	2
10-4	Radical Equations	MA.912.A.10.3	2	2
Chapter 10	Review and Testing	—	2	2
Explore 11-2	Algebra Lab: Reading Rational Expressions	LA.910.1.6.2**	0.5	0
11-2	Rational Functions	LA.910.1.6.1, MA.912.A.10.2	2	2
11-3	Simplifying Rational Expressions	MA.912.A.5.1, MA.912.A.10.2	1	1
Extend 11-3	Graphing Technology Lab: Simplifying Rational Expressions	MA.912.A.5.1	0.5	0.5
11-4	Multiplying and Dividing Rational Expressions	MA.912.A.5.2*	0	2
11-5	Dividing Polynomials	MA.912.A.4.4, MA.912.A.5.2*, MA.912.A.10.1	2	2

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11-6	Adding and Subtracting Rational Expressions	MA.912.A.5.2*, MA.912.A.10.2**, MA.912.A.10.3**	1	2
11-7	Mixed Expressions and Complex Fractions	MA.912.A.5.3*, MA.912.A.10.3**	1	2
11-8	Rational Equations	MA.912.A.5.4, MA.912.A.5.5*, MA.912.A.5.7*, MA.912.A.10.2	2	2
Chapter 11	Review and Testing	—	2	2
<b>Totals</b>			<b>160</b>	<b>160</b>

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