

What Can I Do to Prepare for the Algebra EOC?

NOTE: Below is a menu of resources which can be used in conjunction with first semester DA baseline and midyear data for review/remediation in Algebra. This is an interactive document so click on what you see in blue and it will take you directly to the resource.

RESOURCES	http://moodle.pcsb.org	High School Mathematics Moodle Site (teachers only): <i>Dept. & Offices-> Mathematics->Secondary Math->High School Mathematics; enrollment key: alg 902</i> <ul style="list-style-type: none"> o Curriculum Guides o EOC Practice Test & Key
	http://fcatt.fldoe.org/eoc/	Florida Department of Education EOC Assessment Information: <i>This is your one-stop shop for EOC information.</i> <ul style="list-style-type: none"> o EOC Test Item Specifications o Achievement Level Descriptors o Download the electronic Practice Assessment Tool (ePat) and six item practice test.
	www.florida-achieves.com	Florida Department of Education Online Review: <ul style="list-style-type: none"> o FCAT Explorer - provides students with a variety of "game-like" review problem. Go to <i>Math Timeline-High School Benchmarks</i> ; select Algebra and Discrete Bodies of Knowledge, then select desired benchmarks. o FOCUS – two 5 question mini-assessments for each benchmark that can be assigned by the teacher.
	www.pearsonsuccessnet.com	Prentice Hall Textbook Online Resources (requires access code provided with TE): <ul style="list-style-type: none"> o Interactive lessons which include digital manipulatives, step-by-step examples, practice and assessment o Unlimited practice and tutorials via Math XL o Homework Tutor Videos
	www.interactmath.com	Tutorials and Practice Questions (select Prentice Hall Algebra 1 2011): The tutorial exercises are aligned to your Prentice Hall textbook. Each exercise provides these learning aids: <ul style="list-style-type: none"> o Interactive Guided Solution which steps students through the exercise and gives corrective feedback o Sample Problem which steps students through a similar problem o Similar Problems that refresh with new numbers which allow for unlimited practice
	www.flvs.net/areas/student-services/EOC/	Florida Virtual School EOC Resources: <ul style="list-style-type: none"> o Algebra 1 End-of-Course Review o EOC Practice Test o Information about EOC preparation smart phone apps
	www.brainpop.com/math/	Animated Standards-Based Resources User Name: schoolname_hs; Password: bpinellas <ul style="list-style-type: none"> o Animated lessons, activities and quizzes
	www.brightstorm.com/math/ www.khanacademy.com	Free video lessons and tutorials searchable by topic
	http://www.ixl.com/math/algebra-1	Standards-based on-line practice problems searchable by topic
	www.dimensionu.com	DimensionU (teachers must provide access code to students): DimensionU is a video game-based learning resource for K–12 students aligned to state standards. <i>Each school has 320 licenses available.</i>

ASSESSED BENCHMARKS

Benchmark	Topic/Skill	Textbook Section
MA.912.A.2.3	Recognize Functions & Link Equations to Functions	4-6
MA.912.A.2.4	Find Domain & Range	4-6
MA.912.A.3.1	Solve Linear Equations	2-4
MA.912.A.3.3	Solve Literal Equations	2-5, Concept Byte p. 115
MA.912.A.3.4	Solve & Graph Inequalities	3-2, 3-3, 3-4, 3-6, Concept Byte p. 185
MA.912.A.3.5	Represent & Solve Real-World Linear Equations & Inequalities	2-4, 3-4
MA.912.A.3.8	Graph Lines	5-1, 5-3, 5-4, 5-5, 5-6, 5-7, 6-5
MA.912.A.3.9	Find Slope & Intercepts of a Line	5-3, 5-4, 5-5, 5-6
MA.912.A.3.10	Write Equations of Lines	5-3, 5-4, 5-5, 5-6
MA.912.A.3.11	Write Equations to Model Data and Use to Make Predictions	5-3, 5-4, 5-6, 5-7, 6-5 Concept Byte p. 333
MA.912.A.3.14	Solve 2-Variable Systems of Linear Equations	6-1, 6-2, 6-3, 6-4

Benchmark	Topic/Skill	Textbook Section
MA.912.A.4.1	Simplify Monomials & Monomial Expressions	7-4, 7-5, Concept Byte p. 432
MA.912.A.4.2	Add, Subtract & Multiply Polynomials	8-1, 8-2, 8-3, 8-4, Concept Byte p. 485
MA.912.A.4.3	Factor Polynomials & Simplify Algebraic Ratios	8-2, 8-5, 8-6, 8-7, 11-1, Concept Byte p. 499
MA.912.A.4.4	Divide Polynomials by Monomials	11-3 Ex. 1 only
MA.912.A.5.4	Solve Proportions	2-7
MA.912.A.6.2	Perform Operations with Radical Expressions	10-2, 10-3
MA.912.A.7.1	Graph Quadratic Equations	9-1, 9-2, 9-3, 9-4, 9-5, 9-6
MA.912.A.7.2	Solve Quadratic Equations	9-1, 9-2, 9-3, 9-4, 9-5, 9-6
MA.912.D.7.1	Perform Set Operations	3-8
MA.912.D.7.2	Use Venn Diagrams	3-8