

**College Prep Mathematics Course A
2015-16 Calendar with Scope & Sequence**

Course A

Weeks	Description	
	<i>Chapter 0: Numbers</i>	
	0.1 Integers **	
	0.2 Fractions **	
	0.3 Order of Operations **	
	0.4 Properties of Algebra **	
	<i>Chapter 1: Solving Linear Equations</i>	
	1.1 One-step Equations	
	1.2 Two-step Equations	
End of 3 rd Week	1.3 General Linear Equations	
	1.4 Solving with Fractions	
	1.5 Formulas	
	<i>Chapter 2: Graphing</i>	
	2.1 Points and Lines	
	2.2 Slope	
	2.3 Slope-intercept Form	
	2.4 Point-slope Form	
End of 6 th Week	2.5 Parallel and Perpendicular Lines	
	<i>Chapter 3: Inequalities</i>	
	3.1 Solve and Graph Inequalities	
	3.2 Compound Inequalities	
	3.3 Absolute Value Inequalities (optional)	
	<i>Chapter 4: Systems of Equations</i>	
	4.1 Graphing	
	4.2 Substitution	
	4.3 Addition/Elimination	
	<i>Chapter 5: Polynomials</i>	
End of 9 th Week	5.1 Exponents Properties	
	5.2 Negative Exponents	
	5.3 Scientific Notation	
	5.4 Introduction to Polynomials	
	5.5 Multiplying Polynomials	
	5.6 Multiply Special Products	
	5.7 Divide Polynomials	
	<i>Chapter 6: Factoring</i>	
End of 12 th Week	6.1 Greatest Common Factor	
	6.2 Grouping	
	6.3 Trinomials where $a=1$	
	6.4 Trinomials where $a \neq 1$	
	6.5 Factoring Special Products	
End of Semester A	6.7 Solve by Factoring	

** Section should be taught without the use of a calculator

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