

Algebra I - HS Mathematics – Year at a Glance

C-Scope Order of Units for 2015 – 2016

First Semester		Second Semester	
1st Six Weeks	29 days	4th Six Weeks	34 days
<p><u>UNIT 1: QUANTITATIVE REASONING/SOLVING EQUATIONS</u> A5.A, A1.C, A1.A, A1.B, A1.F, A1.G, A2.A ALGEBRAIC MODELS: A1.D, A1.E, A5.A, A1.C, A12.E, A1.F, A5.B, A1.A</p> <p><u>UNIT 2: FUNCTIONS AND MODELS</u> A2.A, A1.E, A12.A, A1.D, A12.B, A1.A, A1.B, A1.F, A3.C, A3.F PATTERNS AND SEQUENCES: A12.C, A1.F, A12.D, A1.D, A1.E, A2.A, A1.A</p>		<p><u>UNIT 5: RATIONAL EXPONENTS AND RADICALS</u> A11.A, A1.F, A11.B GEOMETRIC SEQUENCE AND EXPONENTIAL FUNCTIONS: A12.D, A1.F, A12.C, A1.E, A9.C, A1.D, A9.A, A1.E EXPONENTIAL EQUATIONS AND MODELS: A9.D, A1.C, A1.A, A9.E, A9.C, A1.D</p> <p><u>UNIT 6: ADDING AND SUBTRACTING POLYNOMIALS</u> A10.D, A1.F, A10.A, A1.G</p>	
2nd Six Weeks	30 days	5th Six Weeks	34 days
<p><u>UNIT 3: LINEAR FUNCTIONS</u> A3.C, A1.F, A1.E, A3.B FORMS OF LINEAR EQUATIONS: A2.B, A1.D, A1.E, A3.E, A1.C, A2.A LINEAR EQUATIONS AND INEQUALITIES: A2.E, A1.D, A2.C, A1.E, A3.D LINEAR MODELING AND REGRESSION: A4.C, A1.F, A4.A, A1.C</p>		<p>MULTIPLYING AND DIVIDING POLYNOMIALS: A10.B, A1.C, A1.E, A1.F, A10C</p> <p><u>UNIT 7: GRAPHING QUADRATIC FUNCTIONS:</u> A.7A, A1.E, A7.C, A1.E, A6.B CONNECTING INTERCEPTS WITH ZEROS, INTERCEPTS, AND FACTORS: A.7.A, A1.C, A7.B, A1.F</p> <p><u>UNIT 8: USING FACTORS TO SOLVE QUADRATIC EQUATIONS</u> A.8A, A.1F, A10.E, A1.C, A10.F, A1.B</p>	
3rd Six Weeks	23 days	6th Six Weeks	28 days
<p><u>UNIT 4: SOLVING SYSTEMS OF LINEAR EQUATIONS</u> A3.F, A1.C, A5.C, A1.D, A1.F MODELING WITH LINEAR SYSTEMS A2.I, A1.F, A12.C, A1.E, A9.C, A1.D, A9.A</p>		<p>USING SQUARE ROOTS TO SOLVE QUADRATIC EQUATIONS: A.8A, A1.C, A1.E LINEAR, EXPONENTIAL AND QUADRATIC MODELS: A.8B, A1.C</p>	

Updated: 8/25/15 The Rational is the same as the rational from C-Scope, which comes from the National Council of Teachers of Mathematics and the College and Career Readiness Standards.