A YEAR AT A GLANCE – Algebra 1 *(Revised January 2014)*

Note: (number inside parenthesis represents approximate number of days to cover content.)

Benchmark 1	Benchmark 2	Benchmark 3	Benchmark 4
Pretest **A. 1 (1 day)** Translate Expressions (Chapter 1.1) **A. 1 (1 day)** Expressions-Rational Numbers-Absolute Value (Chapter 1.2, 2.5) **A. 4 (9 days)** Properties & multistep linear and literal equations (Chapter 1.3, 1.4, 1.5, 2.1, 2.2, 2.3, 2.4, 2.6, 2.7, 2.8) **A. 7b (1 days)** Functions, domain & range (Chapter 1.6) **A. 7 (2 days)** Analyze linear and quadratic function families (Chapter 1.7, 3.1, 3.2) **A. 6a (3 days)** Graph linear equations and linear inequalities (Chapter 3.3) **A.6b (5 days)** Graph & write equations using slope & points (Chapter 4.1) **A.7d (3 days)** Functions, x and y intercepts (Chapter 4.2) **Benchmark Test 1**	**A. 8 (2 days)** Direct or Inverse Variation (Chapter 3.4) **A.6b (3 days)** Graph & write equations using slope & points (Chapter 4.4, 4.5) **A.11(3 days)** Collect & Analyze data, determine the equation for curve of best fit (Chapter 4.6) **A. 7 (2 days)** Detect patterns in data and represent patterns algebraically (Chapter 3.5, 3.6) **A. 5 (10 days)** Solve multistep linear inequalities with two variables (Chapter 5.1, 5.2, 5.3, 5.6) **A.4 (8 days)** Solve multistep linear and quadratic equations algebraically and graphically AND solve real-world problems involving equations (Chapter 6.1, 6.2, 6.3, 6.4, 6.5) **A. 5 (3 days)** Solve multistep linear inequalities with two variables (Chapter 6.8) **Benchmark Test 2**	**A. 2a (5 days)** Laws of Exponents (Chapter 7.1, 7.2, 7.3) **A. 2b (12 days)** Add, Subtract, Multiply, & Divide polynomials (Chapter 7.4, 7.5, 7.6, 7.7, 7.8) **A. 2c (15 days)** Factoring binomials and trinomials (Chapter 8.1, 8.2, 8.3, 8.4, 8.5, 8.6) **A. 7 (10 days)** Detect patterns in data and represent patterns algebraically (Chapter 9.8, 9.9) **Once content has been introduced, it should be reviewed often and connected to future content.**	**A. 1 (5 days)** Evaluate expressions for replacement sets including rational numbers, absolute value, square roots, and cube roots (Chapter 10.2, 11.3, 11.4) **A. 8 (2 days)** Direct or Inverse Variation (Chapter 11.1) **A. 2b (2 days)** Add, Subtract, Multiply, & Divide polynomials (Chapter 11.5) **A. 10 (3 days)** Compare and contrast multiple univariate data sets using box-and-whisker plots (Chapter 11.1) **A. 9 (4 days)** use data to interpret variation in real-world contexts; calculate mean deviation, standard deviation, and z-scores (Chapter 12.3 and page 786) **Post Test**