Algebra 1 Year-At-A-Glance

Term 1	Term 2	Term 3	Term 4
Expressions, Equations, & Inequalities Simplifying Expressions Solving Equations Literal Equations Solving Multi-Step Equations & Inequalities Literal Equations(continued) **Describing & Interpreting Functions** Relations Multiple Representations Domain & Range Function Notation **Linear Functions** Key Features Slope Slope-intercept form Arithmetic Sequences Point-slope form Standard form Applications Direct Variation	**Fall Benchmark** **Linear Function(continued)** Parent Functions Transformations Graphing Systems of Equations Parallel & Perpendicular Lines Scatter Plots Causation Linear Regression Prediction **Linear Inequalities in Two Variables** Graphing Linear Inequalities Writing Linear Inequalities Graphing Systems of Linear Inequalities **Exponential Functions** Writing & Interpreting Exponential Functions Graphing & Key Features Growth & Decay Exponential Regression Geometric Sequences **Semester Exam**	**Laws of Exponents** Laws of Exponents (including rational) Simplifying Radicals **Polynomial Operations** Add, Subtract, Multiply Divide Polynomials-Degree One and Degree Two **Factoring** Perfect Square Trinomials Difference of Two Squares Dividing Polynomials **Intro to Quadratic Functions** Key Features & Transformations Writing Equations & Graphing Applications & Modeling **Solving Quadratic Equations** Factoring & Zero Property Square Root Method Quadratic Formula Solve By Graphing Applications	**STAAR Simulation** **Systems of Equations** Graphing-Review Writing (Table, Graph, Verbal Description) Solving (Mathematical & Real-World) **STAAR Countdown** **STAAR** **Semester Exam**