

September	<b>Block 1: Expressions and Equations</b> Book 1: Linear Equations 1.1 Order of Operations (7.NS.3) 1.2 Evaluating Expressions (6.EE.2/7.EE.1) 1.3 Distributive Property (7.EE.1) 1.4 Solving One-Step Equations - Skip this Lesson 1.5 Solving Two-Step Equations (8.EE.7b) 1.6 Solving Multi-Step Equations (8.EE.7b) 1.7 Solutions to Linear Equations (8.EE.7a) 1.8 Linear Inequalities in One Variable (HS.A-REI.3)	January	<b>Block 2: Pythagorean Theorem</b> Book 2: Geometry 2.1 Perfect Squares (8.EE.2) 2.2 Estimating Square Roots (8.NS.1-2/ 8.EE.2) 2.3 Pythagorean Theorem (2 days) (8.G.6-7) 2.4 Converse of the Pythagorean Theorem (8.G.6-7) 2.5 Applying Pythagorean Theorem (8.G.7) 2.6 Distance on the Coordinate Plane (8.G.8) 2.7 Distance Formula (8.G.8)
	<b>Block 2: Sequences and Slope</b> Book 1: Linear Equations 2.1 Recursive Routines (8.F.4/ 8.F.5) 2.2 Linear Plots (8.F.4/ 8.F.5) 2.3 Recursive Routine Applications (8.F.4/ 8.F.5) 2.4 Rate of Change (8.F.1-3/ 8.F.4) 2.5 Recursive Routines to Equations (8.EE.5/ 8.F.2-3/ 8.F.4-5) 2.6 Input-Output Tables from Equations (8.F.2-3/ 8.F.4-5) 2.7 Calculating Slope from Graphs (8.EE.5/ 8.EE.6) 2.8 The Slope Formula (8.EE.5/ 8.EE.6)		<b>Geometry Review</b> Geometry Review 2D Geometry Review: Quadrilaterals and Triangles 2D Geometry Review: Circles and Pi 3D Geometry Review: Surface Area of Prisms and Pyramids 3D Geometry Review: Volume of Prisms and Pyramids 3D Geometry Review: Surface Area of Cones and Cylinders Book 2 4.6 Volume of Cylinders (8.G.9) 4.7 Volume of Cones (8.G.9) 4.8 Volume of Spheres (8.G.9)
October	<b>Block 3: Using Linear Equations</b> Book 1: Linear Equations 3.1 Graphing using Slope-Intercept Form (8.F.2-3/ 8.F.4-5) 3.2 Writing Linear Equations for Graphs (8.F.2-3/ 8.F.4-5) 3.3 Writing Linear Equations from Key Info (8.F.2-3/ 8.F.4-5) 3.4 Different Forms of Linear Equations (8.F.2-3/ 8.F.4-5) 3.5 More Graphing Linear Equations (8.F.2-3/ 8.F.4-5) 3.6 Graphing Linear Inequalities (HS.A-REI.12) 3.7 Introduction to Non-Linear Functions (8.F.3/ 8.F.4-5)	March	<b>Block 3: Transformations &amp; Block 4: Exponents &amp; Volume</b> Book 2: Geometry 3.1 Reflections (8.G.1/ 8.G.3) 3.2 Translations (8.G.1/ 8.G.3) 3.3 Rotations (8.G.1/ 8.G.3) 3.4 Dilations (8.G.1/ 8.G.3) 3.5 Transformations and Congruence (8.G.2/ 8.G.4) 3.6 Composition of Transformations (8.G.2/ 8.G.4) 4.1 Multiplication Properties of Exponents (8.EE.1) 4.2 Division Properties of Exponents (8.EE.1) 4.3 Scientific Notation (8.EE.3/ 8.EE.4) 4.4 Applications of Scientific Notation (8.EE.3/ 8.EE.4) 4.5 Exponents and Roots (8.EE.2)
October/November	<b>Block 4: Systems of Equations</b> Book 1: Linear Equations 4.1 Parallel, Intersecting, or the Same Line (8.EE.8a) 4.2 Solving Systems by Graphing (8.EE.8) 4.3 Solving Systems using Tables (8.EE.8) 4.4 Solving Systems by Substitution (8.EE.8) 4.5 Solving Systems using Elimination (8.EE.8) 4.6 Choosing the Best Method (8.EE.8) 4.7 Applications of Systems of Equations (8.EE.8) 4.8 Systems of Linear Inequalities (HS.A-REI.12) 4.9 Converting Repeating Decimals to Fractions (8.NS.1)		<b>Block 5: One Variable Statistics</b> Book 1: Linear Equations 5.1 Scatter Plots and Correlation (8.SP.1-8.SP.3) 5.2 Predicting with Lines of Best Fit (8.SP.1-8.SP.3) 5.3 Five-Number Summaries of Data (6.SP.4) 5.4 Q-Points and Lines of Best Fit (8.SP.1-8.SP.3) 5.5 Predicting with Best Fit Equations (8.SP.1-8.SP.3) 5.6 Using Data and Graphs to Persuade (8.SP.1-8.SP.3) 5.7 Bivariate Data and Frequency Tables (8.SP.4)
November	<b>Block 1: Angles and Triangles</b> Book 2: Geometry 1.1 Alternate Exterior and Interior Angles (8.G.5) 1.2 Corresponding and Same-Side Interior Angles (8.G.5) 1.3 Classifying Triangles (8.G.5) 1.4 Angle Sum of a Triangle (8.G.5) 1.5 Special Triangles (8.G.5) 1.6 Congruent and Similar Triangles (8.G.5) 1.7 Angle Relationships (2 days) (8.G.5)	May	<b>Block 1: Introduction to Functions</b> Book 3: Functions & Data 1.1 Understanding Functions (HS.F-IF.1/ HS.F-IF.5) 1.2 Evaluating Functions (HS.A-CED.4/ HS.F-IF.2) 1.3 Tables, Graphs and Equations (HS.N-Q.1/ HS.A-CED.1/ HS.F-IF.4/ HS.F-IF.7/ HS.F-IF.9)
December			