

| | T1 | T1 | T1 | T1/2 | T2 | T2 | T2/3 | T3 | T3 | T3 |
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| | September | October | November | December | January | February | March | April | May | June |
| Intro to Algebra (6th Grade Math) | Pre-course Test, Numerical Expression and Factors | Fractions and Decimals, Ratios and Rates | Percents, Algebraic Expressions and Properties | Equations | Area, Surface Area, and Volume & Integers, Number Lines, and the Coordinate Plane | Statistical Measures & Data Displays | Start 7th Grade Math: Follow from September | | | |
| Pre-Algebra | Adding and Subtracting Rational Numbers & Multiplying and Dividing Rational Numbers | Expressions & Equations and Inequalities | Ratios and Proportions | Percents | Probability | Statistics | Geometric Shapes | Angles | Surface Area | Volume |
| Foundations of Algebra | Chapter 1 Equations Multi-Step Equations with Variables on Both Sides Rewriting Equations | Chapter 2 Transformations Translations Reflections Rotations Congruent Figures Dillations Similar Figures Perimeter and Areas of Similar Figures | Chapter 3 Angles and Triangles Parallel Lines & Transversals Angles of Triangles Angles of Polygons Using Similar Triangles Begin Chapter 4 | Chapter 4 Graphing and Writing Linear Equations Slope of a Line Proportional Relationships Slop-Intercept Form Point-Slope Form | Chapter 5 Systems of Linear Equations Solving Systems by Graphing, Substitution, and Elimination | Chapter 7 Functions Relations Representation Linear Functions Comparing Linear and Nonlinear Functions Graphing | Chapter 8 Exponents and Scientific Notation Product of Powers Property Quotient Property Zero and Negative Exponents Estimating Scientific Notation Operations | Chapter 9 Real Numbers and the Pythagorean Theorem Square Roots Cube Roots Rational Numbers Irrational Numbers Converse of the Pythagorean Theorem | Chapter 10 Volume and Similar Solids Cylinders Cones Spheres Surface Areas and Volumes fo Similar Solids | Chapter 6 Data Analysis and Displays Scatter Plots Lines of Fit Two-Way Tables Choosing a Data Display as time allows |
| Algebra 1 | Chapter 1 Solving Linear Equations | Chapter 2 Solving Linear Inequalities | Chapter 3 Graphing Linear Functions | Chapter 4 Writing Linear Functions | Chapter 5 Solving Systems of Equations | Chapter 6 Exponential Functions | Chapter 7 Polynomial Equations and Factoring | Chapter 8 Graphing Quadratic Functions | Chapter 9 Solving Quadratic Equations | |
| | | Chapter 3 Graphing Linear Functions | Chapter 4 Writing Linear Functions | Chapter 5 Solving Systems of Equations | Chapter 6 Exponential Functions | Chapter 7 Polynomial Equations and Factoring | Chapter 8 Graphing Quadratic Functions | Chapter 9 Solving Quadratic Equations | Chapter 10 Radical Functions and Equations | |

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| Geometry | Chapter 1 Basics of Geometry Points, Lines planes, Segments, Midpoint and Distance Formulas, Perimeter and Area in the Coordinate Plane, Angles | Chapter 2 Reasoning and Proofs Conditional Statements, Inductive and Deductive Reasoning, Postulates and Diagrams, Algebraic Reasoning, Proving Segments, Angles, and Geometric Relationships | Chapter 3 Parallel and Perpendicular Lines, Pairs of Lines and Angles, Parallel Lines and Transversals, Proofs with Parallel Lines and Perpendicular Lines, Equations of Parallel and Perpendicular Lines | Chapter 4 Transformations , Translations, Reflections Rotations, Congruence and Transformations , Dilations, Similarity and Transformations | Chapter 5 Congruent Triangles, Angles, Congruent Polygons, Congruence by SAS, SSS, ASA, and AAS, Equilateral and Isosceles Triangles, Coordinate Proofs | Chapter 6 Relationships with Triangles, Angle Bisectors, Triangle Bisectors, Medians and Altitudes, Triangle Midsegment Theorem, Indirect Proof and Inequalities in One Triangle, Inequalities in Two Triangles | Chapter 7 Quadrilaterals and Other Polygons Angles of Polygons, Parallelograms, Trapezoids and Kites Chapter 8 Similarity Polygons, Proving Triangle Similarity by AA, SAS, and SSS, Proportionality Theorems | Chapter 9 Right Triangles and Trigonometry, Pythagorean Theorem, Special and Similar Right Triangles, Tangent, Sine, and Cosine Ratios, Law of Sines and Cosines | Chapter 10 Circles, lines and Segments, Arc Measures, Chords, Inscribed Angles and Polygons, Angle Relationships, Segment Relationships Circles in the Coordinate Plane | Chapter 11 Circumference, Area, and Volume, Circumference Arc Length, Areas of Circles and Sectors, Areas of Polygons, 3-D Figures, Prisms, Cylinders, Pyramids, Cones, Spheres, Chapter 12 Probability as time allows |
| Algebra 2 | Chapter 1 Linear Functions Parent Functions Transformations of Linear and Absolute Value Functions Linear Systems | Chapter 2 Quadratic Functions Transformations Characteristics Focus of a Parabola | Chapter 3 Quadratic Equations and Complex Numbers Complex Numbers Completing the Square Quadratic Formula Nonlinear Systems Quadratic Inequalities | Chapter 4 Polynomial Functions Graphing Factoring Fundamental Theorem of Algebra Transformations Analyzing Graphs | Chapter 5 Rational Exponents and Radical Functions nth Roots Properties of Rational Exponents and Radicals Graphing Radical Functions Function Operations Inverse of a Function | Chapter 6 Exponential and Logarithmic Functions Exp. Growth and Decay Natural Base e Transformations and Properties of Logarithmic Functions | Chapter 7 Rational Functions Inverse Variation Graphing Rational Functions Multiply, Divide, Add, & Subtract Rational Expressions | Chapter 9 Trigonometric Ratios and Functions Right Triangle Trig Angle and Radian Measure Graphing Sine, Cosine, and other Trig Functions Using Trig Identities Sum and Difference Formulas | Chapter 8 Sequences and Series Chapter 10 Probability and Chapter 11 Data Analysis and Statistics as time allows | I added a unit on Conic Sections that isn't in the book. The high school instructor said the students would need to know those concepts to be prepared for Precalculus |
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| Other Events / Holidays | Trait: Courtesy | Trait: Consideration | Trait: Foresight | Trait: Duty to Family | Trait: Enterprise | Trait: Self Mastery | Trait: Integrity | Trait: Resourcefulness | Trait: Self Assurance | Trait: |
| DEI & SEL | Hispanic Heritage Month | Disability Employment Awareness Month LGBT History Month | Indigenous Heritage Month Veterans Day | Culturally Aware Holiday Celebrations | MLK Day | Black History Month | Women's Day. Women in STEM Women's History Month Cesar Chavez Day | Diversity Month | Asian Pacific American Heritage Month Jewish American Heritage Month | LGBTQ+ Pride Month |