

1st Quarter:

Unit 1 - Numbers

Day 1 - Operations on Signed Numbers
Day 2 - Operations with Fractions
Day 3 - Operations with Decimals
Day 4 - Order of Operations
Day 5 - Quiz Operations

Day 1 - Scientific & Engineering Notation
Day 2 - Unit Conversions & Prefixes
Day 3 - Significant Figures and Precision
Day 4 - Percents
Day 5 - Unit 1 Test

Unit 2 - Linear Equations (one-variable)

Day 1 - Proportions
Day 2 - Motion Problems
Day 3 - Money Problems
Day 4 - Quiz Solving Equations

Day 1 - Mixture Problems
Day 2 - LAB: Forces and Moments
Day 3 - Unit 2 Test

2nd Quarter:

Unit 3 - Lines

Day 1 - Graph w/ Table of Values
Day 2 - Finding Slope
Day 3 - Rate/Initial Value Worksheet
Day 4 - Graph Lines w/ Slope & Intercept
Day 5 - Quiz Lines

Day 1 - Write Linear Equations
Day 2 - Write Linear Equations
Day 3 - Use Technology to Find Equation
Day 4 - Unit 3 Test

Unit 4 - Parallel/Perp. Lines

Day 1 - Transversals
Day 2 - Slope of Parallel/Perp. Lines
Day 3 - Parallel, Perpendicular, Neither
Day 4 - Unit 4 Test

Unit 5 - Systems of Equations

Day 1 - Solve Systems by Graphing
Day 2 - Solve Systems w/ Algebra
Day 3 - Applications
Day 4 - Unit 5 Test

3rd Quarter:

Unit 6 - Right Triangles

Day 1 - Pythagorean Theorem
Day 2 - sin, cos, and tan
Day 3 - Solving a Right Triangle
Day 4 - Applications
Day 5 - Unit 7 Test

Unit 7 - Geometric Figures

Day 1 - Area/Perimeter of Triangles
Day 2 - Area/Perimeter of Quadrilaterals
Day 3 - Area/Circumference of Circles
Day 4 - Quiz Area/Perimeter/Circumference

Day 1 - Volumes of Prisms & Pyramids
Day 2 - Volumes of Cylinders, Cones, Spheres
Day 3 - Unit 6 Test

Unit 8 - Operations on Expressions

Day 1 - Add/Subtract Polynomials
Day 2 - Multiply/Divide Monomials
Day 3 - Multiply Polynomials
Day 4 - Unit 8 Test

4th Quarter:

Unit 9 - Factoring

Day 1 - GCFs & Factoring by Grouping
Day 2 - Factoring Trinomials
Day 3 - Factoring Trinomials
Day 4 - More Factoring Practice
Day 5 - Unit 9 Test

Unit 10 - Quadratics

Day 1 - Solving by Graphing
Day 2 - Solving by Factoring
Day 3 - Sq. Root & Quad. Formula
Day 4 - Pentastic Toothpicks
Day 5 - Unit 10 Test

Unit 11 - Statistics

Day 1 - Mean, Median and Mode
Day 2 - Standard Deviation
Day 3 - Quiz Central Tendency

Day 1 - Basic Probability
Day 2 - Basic Probability
Day 3 - Unit 11 Test