**2020-2021 School Year Weekly Calendar**

***Short Weeks Are In Red***

**First Six Weeks**

**Week 1, August 12th-14th**

Writing and Solving Equations in Two Variables

**Week 2, August 17th-21st**

Writing and Graphing Equations in Two Variables

Introduction to Functions

Function Notation

**Week 3, August 24th -28th**

Recognizing Patterns

Unit Test

Introduction to Linear Functions

**Week 4, August 31st –September 4th**

Slope of a Line

Slope-Intercept Form of a Line

Point-Slope Form of a Line

**Week 5, September 8th- 11th**

Standard Form of a Line

**Week 6, September 14th- 18th**

Writing Linear Equations

Special Linear Relationships

Unit Test

**Second Six Weeks**

**Week 1, September 21st -25th**

Solving Linear Equations: Variable on One Side

Solving Linear Equations: Variables on Both Sides

Solving Linear Equations: Distributive Property

**Week 2, September 28th –October 2nd**

Solving Mixture Problems

Solving Rate Problems

Literal Equations

**Week 3, October 5th -9th**

Equations of Parallel and Perpendicular Lines

Solving One-Variable Inequalities

Introduction to Compound Inequalities

**Week 4, October 13th -16th**

Unit Test

**Week 5, October 19th – 23rd**

Introduction to Systems of Linear Equations

Solving Systems of Linear Equations: Graphing

Solving Systems of Linear Equations: Substitution

**Week 6, October 26th – 30th**

Solving Systems: Introduction to Linear Combinations

Modeling with Systems of Linear Equations

Unit Test

**Third Six Weeks**

**Week 1, November 2nd -6th**

Graphing Two-Variable Linear Inequalities

Modeling with Two-Variable Linear Inequalities

Solving Systems of Linear Inequalities

**Week 2, November 9th – 13th**

Unit Test

Raising a Power to a Power

Evaluating Expressions with Exponents

**Week 3, November 16th – 20th**

Exponential Growth Functions

Exponential Decay Functions

Vertical Stretches and Shrinks of Exponential Functions

**Week 4, November 30th – December 4th**

Reflections of Exponential Functions

Translations of Exponential Functions

**Week 5, December 7th – 11th**

Exponential Functions with Radical Bases

Unit Test

**Week 6, December 14th – 18th**

Cumulative Exam

**Fourth Six Weeks**

**Week 1, January 5th – 8th**

Adding and Subtracting Polynomials

**Week 2, January 11th – 14th**

Multiplying Monomials and Binomials

**Week 3, January 19th -22nd**

Multiplying Polynomials and Simplifying Expressions

**Week 4, January 25th -29th**

Polynomial Division

Unit Test

Factoring Polynomials: GCF

**Week 5, February 1st -5th**

Factoring Polynomials: Double Grouping

Factoring Trinomials: a = 1

Factoring Trinomials: a = 1 (Continued)

**Week 6, February 8th -12th**

Factoring Trinomials: a > 1

Factoring Polynomials: Difference of Squares

Unit Test

**Week 7, February 16th – 19th**

Introduction to Quadratic Functions

**Fifth Six Weeks**

**Week 1, February 22nd – 26th**

Quadratic Functions: Standard Form

Quadratic Functions: Factored Form

Quadratic Functions: Vertex Form

**Week 2, March 1st – 5**

Completing the Square

Completing the Square (Continued)

**Week 3, March 8th -11th**

Modeling with Quadratic Functions

**Week 4, March 22nd – 26th**

Performance Task: Daredevil Danny

Unit Test

**Week 5, March 29th – April 1st**

Solving Quadratic Equations: Zero Product Property

**Week 6, April 5th – 9th**

Solving Quadratic Equations: Factoring

Solving Quadratic Equations: Square Root Property

Unit Test

**Week 7, April 13th – 16th**

Solving Quadratic Equations: Completing the Square

**Sixth Six Weeks**

**Week 1, April 19th -23rd**

Solving Quadratic Equations: Completing the Square (Continued)

Introduction to the Quadratic Formula

Solving Quadratic Equations: Quadratic Formula

**Week 2, April 26th -30th**

Unit Test

Rewriting Expressions with Radicals

**Week 3, May 3rd -7th**

Rational Exponents

Line of Best Fit

Strength of Correlation

**Week 4, May 10th – 14th**

Regression Models

Comparing Data Sets

**Week 5, May 17th -21st**

Unit Test

**Week 6, May 24th -26th**

Cumulative Exam