Ms. Bassant Math Year Plan 2022-2023

August 30, 2022--November 3, 2022	November 6, 2022--January 19, 2023	January 22, 2023--March 20, 2023	April 2, 2023--June 13, 2023
Math Grade 6			

Unit 1: Numbers
Module 1 : Integers
- Section 1.1 Identifying Integers and Their Opposites
- Section 1.2 Comparing and Ordering Integers
- Section 1.3 Absolute Value

Module 2: Factors and Multiples
- Section 2.1 Greatest Common Factor
- Section 2.2 Least Common Multiple

Module 3: Rational Numbers
- Section 3.1 Classifying Rational Numbers
- Section 3.2 Identifying Opposites and Absolute Value
- Section 3.3 Comparing Rational Numbers

Unit 2: Number Operations
Module 4 : Operations with Fractions
- Section 4.1 Applying GCF and LCM to fractions
- Section 4.2 Dividing Fractions
- Section 4.3 Dividing Mixed Numbers
- Section 4.4 Solving Multistep Problems with Fractions

Module 5 : Operations with Decimals
- Section 5.1 Dividing Whole Numbers
- Section 5.2 Adding and Subtracting Decimals
- Section 5.3 Multiplying Decimals
- Section 5.4 Dividing Decimals
- Section 5.5 Applying Operations with Rational Numbers

Unit 3: Proportionality: Ratios and Rates
Module 6 : Representing Ratios and Rates
- Section 6.1 Ratios
- Section 6.2 Rates
- Section 6.3 Using Ratios and Rates to Solve Problems

Module 7: Applying Ratio and Rates
- Section 7.1 Ratios, Rates, Tables, and Graphs
- Section 7.2 Solving Problems with Proportions
- Section 7.3 Converting Within Measurements
- Section 7.4 Converting Between Measurements

Module 8: Percents
- Section 8.1 Understanding Percent
- Section 8.2 Percent, Fractions, and Decimals
- Section 8.3 Solving Percent Problems

Unit 4: Equivalent Expressions
Module 9 : Generating Equivalent Numerical Expressions
- Section 9.1 Exponents
- Section 9.2 Prime Factorization
- Section 9.3 Order of Operations

Module 10: Generating Equivalent Algebraic Expressions
- Section 10.1 Modeling and Writing Expressions
- Section 10.2 Evaluating Expressions
- Section 10.3 Generating Equivalent

Unit 5: Equations and Inequalities
Module 11 : Equations and Relationships
- Section 11.1 Writing Equations
- Section 11.2 Adding and Subtracting Equations
- Section 11.3 Multiplication and Division Equations
- Section 11.4 Writing Inequalities

Module 12: Relationships in Two Variables
- Section 12.1 Graphing on the Coordinate Plane
- Section 12.2 Independent and Dependent Variables
- Section 12.3 Writing Equations from Tables
- Section 12.4 Representing Algebraic Relationships

Unit 6: Relationships in Geometry
Module 13: Area and Polygons
- Section 13.1 Area of Quadrilaterals
- Section 13.2 Area of Triangles
- Section 13.3 Solving Area Equations
- Section 13.4 Area of Polygons

Module 14: Distance and Area in the Coordinate Plane
- Section 14.1 Distance in the Coordinate Plane
- Section 14.2 Polygons in the Coordinate Plane

Unit 6: Relationships in Geometry (Cont.)
Module 15 : Surface Area and Volume of Solids
- Section 15.1 Nets and Surface Area
- Section 15.2 Volume of Rectangular Prisms
- Section 15.3 Solving Volume Equations

Unit 7: Displaying, Analyzing, and Summarizing Data
Module 16: Displaying and Analyzing Data
- Section 16.1 Measures of Center
- Section 16.2 Mean Absolute Deviation
- Section 16.3 Box Plots
- Section 16.4 Dot Plots
- Section 16.5 Histograms