CURRICULUM MAP - GRADE 6 MATH

MAJOR UNITS/TOPICS	ASSESSMENTS/PROJECTS
Unit 1: The Number System/ Expression and Equations ● **The Number Line** ● **Prime Factorization** ● **Common Factors and Multiples** ● **Squares and Square Roots** ● **Cube and Cube Roots**	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.
Unit 2: The Number System ● **Negative Numbers** ● **Absolute Value**	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.
Unit 3: The Number System ● **Dividing Fractions** ● **Multiplying Decimals** ● **Dividing Decimals** ● **Real-World Problems: Fractions and Decimals**	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.
Unit 4: Ratios and Proportional Relationships ● **Comparing Two Quantities** ● **Equivalent Ratios** ● **Real-World Problems Involving Ratios**	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.

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Unit 5: Ratios and Proportional Relationships
    ● **Rates and Unit Rates**
    ● **Real-World Problems: Rates and Unit Rates**
	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.

Unit 6: Ratios and Proportional Relationships
    ● **Understanding Percent**
    ● **Fractions Decimals and Percents**
    ● **Percent of a Quantity**
    ● **Real-World Problems: Percents**
    ● **Percent of Change**
	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.

Unit 7: Expressions and Equations
    ● **Writing Algebraic Expressions**
    ● **Evaluating Algebraic Expressions**
    ● **Simplifying Algebraic Expressions**
    ● **Expanding and Factoring Algebraic Expressions**
    ● **Real-World Problems: Algebraic Expressions**
	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.

Unit 8: Expressions and Equations
    ● **Solve Algebraic Equations**
    ● **Writing Linear Equations**
    ● **Solving Simple Inequalities**
    ● **Real-World Problems: Equations and Inequalities**
	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.

Unit 9: The Number System/Geometry
    ● **Points on the Coordinate Plane**
    ● **Length of Line Segments**
    ● **Real-World Problems Graphing**
	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.

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Unit 10: Expressions and Equations
   ● **Area of Triangles**
   ● **Area of Parallelograms and Trapezoid**
   ● **Area of Other Polygons**
   ● **Area of Composite Figures**
	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.

Unit 11: Expressions and Equations/Geometry
   ● **Radius, Diameter, and Circumference of a Circle**
   ● **Area of a Circle**
   ● **Real-World Problems: Circles**
	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.

Unit 12: Geometry/Expressions and Equations
   ● **Nets of Solids**
   ● **Surface Area of Solids**
   ● **Volumes of Prisms**
   ● **Real-World Problems: Surface Area and Volume of Solids**
	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.

Unit 13: Statistics and Probability
   ● **Collecting and Tabulating Data**
   ● **Dot Plots**
   ● **Histograms**
	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.

Unit 14: Statistics and Probability
   ● **Mean**
   ● **Median**
   ● **Mode**
   ● **Real-World Problems: Mean, Median, and Mode**
	In class assignments, homework, tests/quizzes, projects, will be designed to fit each class setting.