

Grade 6 TEKS Companion Guide TEKS Resource System Alignment

First Semester	Second Semester
1 st Six Weeks	4 th Six Weeks
<p><u>Unit 1: Equivalent Forms of Fractions, Decimals, and Percents</u> 6.4E: Ratios and Percents 6.4F: Representing Benchmark Fractions and Percents 6.4G: Generating Equivalent Rational Numbers 6.5B: Solving Percent Problems 6.5C: Equivalent Parts of the Same Whole</p> <p><u>Unit 2: Ordering Fractions, Decimals, and Integers</u> 6.2A: Classifying Rational Numbers 6.2C: Using Number Lines with Rational Numbers 6.2D: Ordering Rational Numbers 6.4G: Generating Equivalent Rational Numbers</p> <p><u>Unit 3: Operations with Positive Fractions and Decimals</u> 6.2E and 6.3A: Division and Fractions 6.3B: Estimating Products with Fraction Multiplication 6.3E: Multiplying Fractions 6.3E: Dividing Fractions</p>	<p><u>Unit 8: Algebraic Representations of Two-Variable Relationships</u> 6.4A: Additive and Multiplicative Relationships 6.6A: Independent and Dependent Quantities 6.6B: Writing Equations from Tables 6.6C: Representing Additive and Multiplicative Relationships 6.11A: Graphing on the Coordinate Plane</p> <p><u>Unit 9: Geometry and Measurement</u> 6.4H: Customary Measurement Conversions with Unit Rates 6.4H: Metric Measurement Conversions with Unit Rates 6.8A: Triangle Relationships: Angle Sums 6.8A: Triangle Relationships: Side Lengths and Angles 6.8B: Modeling Area Formulas 6.8C and 6.8D: Area of Rectangles and Parallelograms 6.8C and 6.8D: Area of Trapezoids and Triangles 6.8C and 6.8D: Volume of Rectangular Prisms</p>
2 nd Six Weeks	5 th Six Weeks
<p><u>Unit 4: Operations with Integers</u> 6.2B: Absolute Value of Numbers 6.3C and 6.3D: Adding and Subtracting Integers 6.3C and 6.3D: Multiplying and Dividing Integers</p> <p><u>Unit 5: Proportional Reasoning with Ratios and Rates</u> 6.4B: Solving Problems with Rates and Ratios 6.4C: Ratios as Multiplicative Comparisons 6.4D: Rates and Division Comparisons 6.4G: Generating Equivalent Rational Numbers 6.4H: Customary Measurement Conversions with Unit Rates 6.4H: Metric Measurement Conversions with Unit Rates 6.5A: Representing Problems with Ratios and Rates 6.5B: Solving Percent Problems</p>	<p><u>Unit 10: Data Analysis</u> 6.12A: Constructing Dot Plots, Stem-and-Leaf Plots, and Histograms 6.12A: Constructing Box Plots 6.12B: Describing Data Distributions Graphically 6.12C: Analyzing Numerical Data: Central Tendency 6.12C: Analyzing Numerical Data: Spread of Data 6.12D: Categorical Data: Percent Bar Graphs 6.13A: Interpreting Dot Plots and Stem-and-Leaf Plots 6.13A: Interpreting Histograms and Box Plots</p> <p><u>Unit 11: Personal Financial Literacy</u> 6.14A and 6.14B: Checking Accounts, Debit Cards, and Credit Cards 6.14C: Balancing a Check Register 6.14D, 6.14E, and 6.14F: Credit Reports 6.14G and 6.14H: College and Post-Secondary Education</p>

Most recent revision: 07/27/2018

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3 rd Six Weeks	6 th Six Weeks
<p><u>Unit 6: Equivalent Expressions and One-Variable Equations</u> 6.7A: Using the Order of Operations 6.7B and 6.7C: Expressions and Equations 6.7D: Properties of Operations 6.9A and 6.9C: Equations, Inequalities, and Real-World Problems 6.9B and 6.10A: Solving Equations Using Addition and Subtraction 6.9B and 6.10A: Solving Equations Using Multiplication and Division 6.9B and 6.10A: Solving One-Step Inequalities 6.10B: Verifying Solutions to One-Step Equations and Inequalities</p> <p><u>Unit 7: One-Variable Inequalities</u> 6.9A and 6.9C: Equations, Inequalities, and Real-World Problems 6.9B and 6.10A: Solving Equations Using Addition and Subtraction 6.9B and 6.10A: Solving Equations Using Multiplication and Division 6.9B and 6.10A: Solving One-Step Inequalities 6.10B: Verifying Solutions to One-Step Equations and Inequalities</p>	<p><u>Unit 12: Essential Understanding of Proportionality</u> 6.4B: Solving Problems with Rates and Ratios 6.4G: Generating Equivalent Rational Numbers 6.4H: Customary Measurement Conversions with Unit Rates 6.4H: Metric Measurement Conversions with Unit Rates 6.5A: Representing Problems with Ratios and Rates 6.5B: Solving Percent Problems</p> <p><u>Unit 13: Essential Understanding of Equations</u> 6.6C: Representing Additive and Multiplicative Relationships 6.8A: Triangle Relationships: Angle Sums 6.8A: Triangle Relationships: Side Lengths and Angles 6.8C and 6.8D: Area of Rectangles and Parallelograms 6.8C and 6.8D: Area of Trapezoids and Triangles 6.8C and 6.8D: Volume of Rectangular Prisms (6.9B and) 6.10A: Solving Equations Using Addition and Subtraction (6.9B and) 6.10A: Solving Equations Using Multiplication and Division (6.9B and) 6.10A: Solving One-Step Inequalities</p>

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