

Grade 5 TEKS Companion Guide TEKS Resource System Alignment

First Semester	Second Semester
1 st Nine Weeks	3 rd Nine Weeks
<p><u>Unit 1: Extending Whole Number Operations</u> 5.3A: Estimating Solutions: Addition and Subtraction 5.3A: Estimating Solutions: Multiplication and Division 5.3B: Multiplying Whole Numbers 5.3C: Dividing Whole Numbers 5.3K: Adding and Subtracting Positive Rational Numbers</p> <p><u>Unit 2: Algebraic Reasoning</u> 5.4A: Prime and Composite Numbers 5.4B: Representing Multi-Step Problems 5.4B: Solving Multi-Step Problems 5.4E and 5.4F: Simplifying Numerical Expressions</p> <p><u>Unit 3: Financial Literacy</u> 5.10A and 5.10B: Taxes and Income 5.10C: Methods of Payment 5.10D, 5.10E, and 5.10F: Balancing Budgets</p> <p><u>Unit 4: Extending Decimals</u> 5.2A: Expanded Notation 5.2B: Comparing and Ordering Decimals 5.2C: Rounding Decimals 5.3A: Estimating Solutions: Addition and Subtraction 5.3A: Estimating Solutions: Multiplication and Division 5.3K: Adding and Subtracting Positive Rational Numbers (5.4E and) 5.4F: Simplifying Numerical Expressions</p>	<p><u>Unit 8: Geometry and Measurement</u> 5.4G, 5.6A, and 5.6B: Modeling Volume Formulas 5.4H: Solving Perimeter Problems 5.4H: Solving Area Problems 5.4H: Solving Volume Problems 5.5A: Classifying Two-Dimensional Figures 5.7A: Metric Measurement Conversions 5.7A: Customary Measurement Conversions</p> <p><u>Unit 9: Patterns on a Coordinate Plane</u> 5.4C: Generating Numerical Patterns 5.4D: Additive and Multiplicative Patterns 5.8A and 5.8B: The Coordinate Plane 5.8C: Graphing on a Coordinate Plane</p> <p><u>Unit 10: Representing Data</u> 5.9A and 5.9C: Using Bar Graphs 5.9A and 5.9C: Using Dot Plots 5.9A and 5.9C: Using Stem-and-Leaf Plots 5.9B and 5.9C: Using Scatterplots</p>
2 nd Nine Weeks	4 th Nine Weeks
<p><u>Unit 5: Decimal Multiplication and Division</u> 5.3A: Estimating Solutions: Multiplication and Division 5.3D: Modeling Multiplication of Decimals 5.3E: Multiplying Decimal Numbers 5.3F: Modeling Division of Decimals 5.3G: Dividing Decimal Numbers (5.4E and) 5.4F: Simplifying Numerical Expressions</p>	<p><u>Unit 11: Making Connections</u> 5.3E: Multiplying Decimal Numbers 5.3G: Dividing Decimal Numbers 5.3I: Multiplying Whole Numbers and Fractions 5.3K: Adding and Subtracting Positive Rational Numbers (5.3J and) 5.3L: Dividing Whole Numbers and Unit Fractions (5.4E and) 5.4F: Simplifying Numerical Expressions</p>

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Unit 6: Addition and Subtraction of Fractions

5.3A: Estimating Solutions: Addition and Subtraction

5.3H: Adding and Subtracting Fractions

5.3H Adding and Subtracting Mixed Numbers

5.3K: Adding and Subtracting Positive Rational Numbers
(5.4E and) **5.4F: Simplifying Numerical Expressions**

Unit 7: Multiplication and Division of Whole Numbers by a Fraction

5.3A: Estimating Solutions: Multiplication and Division

5.3I: Multiplying Whole Numbers and Fractions

5.3J and **5.3L: Dividing Whole Numbers and Unit Fractions**
(5.4E and) **5.4F: Simplifying Numerical Expressions**

Unit 12: Essential Understandings of Decimals

5.3A: Estimating Solutions: Addition and Subtraction

5.3A: Estimating Solutions: Multiplication and Division

5.3D: Modeling Multiplication of Decimals

5.3E: Multiplying Decimal Numbers

5.3F: Modeling Division of Decimals

5.3G: Dividing Decimal Numbers

5.3K: Adding and Subtracting Positive Rational Numbers
(5.4E and) **5.4F: Simplifying Numerical Expressions**

Unit 13: Essential Understandings of Fractions

5.3A: Estimating Solutions: Addition and Subtraction

5.3A: Estimating Solutions: Multiplication and Division

5.3H: Adding and Subtracting Fractions

5.3H Adding and Subtracting Mixed Numbers

5.3I: Multiplying Whole Numbers and Fractions

5.3J and **5.3L: Dividing Whole Numbers and Unit Fractions**

5.3K: Adding and Subtracting Positive Rational Numbers
(5.4E and) **5.4F: Simplifying Numerical Expressions**

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