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Quarter 1: Units 1, 2, 3, and part of 4

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UNIT 1: Exploring Multiples and Factors

- [Finding factor pairs using a number line](#)
- [Teach multiples and factors with color tiles](#)
- [Strategies for determining factors and multiples](#)
- [Helpful divisibility rules](#)
- [How to generate a number pattern](#)
- [Generating patterns](#)
- [Number patterns in measurement](#)

UNIT 2: Using multiplication and division strategies with larger numbers

- [Division STRATEGIES](#)
- [Partial Quotient Strategy](#)
- [Multi-digit mult using the area array model](#)
- [Area model of multiplication](#)

UNIT 3: Decomposing and composing fractions for addition and subtraction

- [Decomposing and composing fractions into unit fractions](#)
- [4th grade decompose a fraction in a variety of ways](#)

UNIT 4: Applying place value concepts in whole number addition and subtraction

- [Gr 2 place value FOUNDATIONS](#)
- [Intro to place value](#)
- [Regrouping whole number place values](#)
- [Adding it all up with the standard algorithm- FI tutorial](#)

Quarter 2: Units 4, 5, 6, 7, and part of 8

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UNIT 5: Understanding fraction equivalence and comparison

- [The Leftover Dessert Dilemma- FL tutorial](#)
- [Modeling Fractional Reasoning](#)

UNIT 6: Introducing measurement conversions

- [Measurement Size and Conversions](#)
- [Customary Measurement Equivalents](#)
- [Metric Measurement Equivalents](#)

UNIT 7: Solving problems using multiplicative comparison

- [Comparison Models and Multiplication](#)
- [Bar Models Multiplication and Division](#)
- [Bar Models Multi-step problems](#)

UNIT 8: Solving measurement problems using the four operations [OA.3, NBT.4, MD.2]

- [Word Problems involving measurement](#)
- [Word Problems involving measurement 2](#)

Quarter 3: Units 8, 9, 10, 11, and part of 12

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UNIT 9: Solving addition and subtraction word problems involving fractions and mixed numbers

- [Fraction word problems adding and subtracting-easy](#)
- [Intro to Fraction Addition](#)
- [Decomposing Fractions- word problems](#)
- [Mixed Numbers with Like denominators](#)
- [Fractional Line Plots](#)
- [Fractional Line Plots 2](#)

UNIT 10: Angle Measurement

- [These are the Right Triangles- FL tutorial](#)
- [Lines in 2D figures- angles](#)
- [Measuring and Creating Angles 1](#)
- [Measuring and Creating Angles 2](#)
- [Measuring and Creating Angles 3](#)
- [Measuring and Creating Angles 4](#)

UNIT 11: Multiplying fractions by whole numbers

- [Multiplying fractions by whole numbers- understanding](#)
- [Multiplying fractions by whole numbers thinking equal groups of](#)
- [Multiplying fraction with fraction bars](#)

UNIT 12: Comparing decimal fractions and understanding notation

- [Using place value models to add tenths and hundredths](#)
- [Using place value models to add tenths and hundredths- 2](#)
- [Simple Decimal Notation](#)
- [Word Problems Involving Measurement](#)

Quarter 4: Units 12, 13 and 14

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UNIT 13: Recognizing and analyzing attributes of 2-dimensional shapes

- [Geometry Super Heroes Save Mathopolis- FL tutorial](#)
- [Triangles](#)
- [Lines of symmetry in regular polygons](#)
- [Problem solve with angles](#)
- [Lines in 2D Figures](#)

UNIT 14: Problem solving with whole numbers

- [Area Model of Division](#)
- [Long Division- Area Model](#)
- [Array Model](#)
- [Multiply with Partial Products using the Area Model 2](#)