



Scope and Sequence: Grade Level Map

5: Fractions Are Numbers



Module 1 Place Value Concepts for Multiplication and Division with Whole Numbers	Module 2 Addition and Subtraction with Fractions	Module 3 Multiplication and Division with Fractions	Module 4 Place Value Concepts for Decimal Operations	Module 5 Addition and Multiplication with Area and Volume	Module 6 Foundations to Geometry in the Coordinate Plane
<p>Topic A: Place Value Understanding for Whole Numbers</p> <p>Lesson 1: Relate adjacent place value units by using place value understanding. NY-5.NBT.1, MP5, 5.Mod1.AD6</p> <p>Lesson 2: Multiply and divide by 10, 100, and 1,000 and identify patterns in the products and quotients. NY-5.NBT.1, NY-5.NBT.2, MP8, 5.Mod1.AD6, 5.Mod1.AD7</p> <p>Lesson 3: Use exponents to multiply and divide by powers of 10. NY-5.NBT.2, MP3, 5.Mod1.AD7, 5.Mod1.AD8</p> <p>Lesson 4: Estimate products and quotients by using powers of 10 and their multiples. NY-5.NBT, NY-5.NBT.2, MP7, 5.Mod1.AD5, 5.Mod1.AD7</p> <p>Lesson 5: Convert measurements and describe relationships between metric units. NY-5.MD.1, MP6, 5.Mod1.AD12</p>	<p>Topic A: Fractions and Division</p> <p>Lesson 1: Interpret a fraction as division. NY-5.NF.3, MP7, 5.Mod2.AD8, 5.Mod2.AD9, 5.Mod2.AD10</p> <p>Lesson 2: Interpret a fraction as division by writing remainders as fractions. NY-5.NF.3, MP5, 5.Mod2.AD9, 5.Mod2.AD10</p> <p>Lesson 3: Represent fractions as division by using models. NY-5.NF.3, MP2, 5.Mod2.AD9, 5.Mod2.AD10</p> <p>Lesson 4: Solve word problems involving division and fractions. NY-5.NF, NY-5.NF.3, MP1, 5.Mod2.AD1, 5.Mod2.AD9, 5.Mod2.AD10</p>	<p>Topic A: Multiplication of a Whole Number by a Fraction</p> <p>Lesson 1: Find fractions of a set with arrays. NY-5.NF.4a, NY-5.NF.5b, MP8, 5.Mod3.AD7, 5.Mod3.AD9</p> <p>Lesson 2: Interpret fractions as division to find fractions of a set with tape diagrams and number lines. NY-5.NF.4a, NY-5.NF.5b, MP4, 5.Mod3.AD7, 5.Mod3.AD9</p> <p>Lesson 3: Multiply a whole number by a fraction less than 1. NY-5.NF.4, NY-5.NF.4a, NY-5.NF.5a, MP5, 5.Mod3.AD6, 5.Mod3.AD7, 5.Mod3.AD8</p> <p>Lesson 4: Multiply a whole number by a fraction. NY-5.NF.4a, NY-5.NF.5a, NY-5.NF.5b, MP2, 5.Mod3.AD7, 5.Mod3.AD8, 5.Mod3.AD9</p> <p>Lesson 5: Convert larger customary measurement units to smaller measurement units. NY-5.NF.4a, NY-5.NF.5b, NY-5.MD.1, MP6, 5.Mod3.AD7, 5.Mod3.AD9, 5.Mod3.AD14</p>	<p>Topic A: Understanding Decimal Numbers with Place Value and Fraction Thinking</p> <p>Lesson 1: Model and relate decimal place value units to thousandths. NY-5.NBT.A, NY-5.NBT.1, NY-5.NBT.3a, MP8, 5.Mod4.AD5, 5.Mod4.AD6, 5.Mod4.AD9</p> <p>Lesson 2: Represent thousandths as a place value unit. NY-5.NBT.A, NY-5.NBT.1, NY-5.NBT.3a, MP7, 5.Mod4.AD5, 5.Mod4.AD6, 5.Mod4.AD9</p> <p>Lesson 3: Represent decimal numbers to the thousandths place in different forms. NY-5.NBT.A, NY-5.NBT.1, NY-5.NBT.3a, MP7, 5.Mod4.AD5, 5.Mod4.AD6, 5.Mod4.AD9</p> <p>Lesson 4: Relate the values of digits in a decimal number by using place value understanding. NY-5.NBT.1, MP6, 5.Mod4.AD6</p> <p>Lesson 5: Multiply and divide decimal numbers by powers of 10. NY-5.NBT.2, MP8, 5.Mod4.AD7</p>	<p>Topic A: Drawing, Analysis, and Classification of Two-Dimensional Figures</p> <p>Lesson 1: Analyze hierarchies and identify properties of quadrilaterals. NY-5.G.3, NY-5.G.4, MP8, 5.Mod5.AD13, 5.Mod5.AD14</p> <p>Lesson 2: Classify trapezoids based on their properties. NY-5.G.3, NY-5.G.4, MP7, 5.Mod5.AD13, 5.Mod5.AD14</p> <p>Lesson 3: Classify parallelograms based on their properties. NY-5.G.3, NY-5.G.4, MP3, 5.Mod5.AD13, 5.Mod5.AD14</p> <p>Lesson 4: Classify rectangles and rhombuses based on their properties. NY-5.G.3, NY-5.G.4, MP6, 5.Mod5.AD13, 5.Mod5.AD14</p> <p>Lesson 5: Classify kites and squares based on their properties. NY-5.G.3, NY-5.G.4, MP6, 5.Mod5.AD13, 5.Mod5.AD14</p>	<p>Topic A: Coordinate Systems</p> <p>Lesson 1: Construct a coordinate system on a line. NY-5.G.1, MP6, 5.Mod6.AD3</p> <p>Lesson 2: Construct a coordinate system in a plane. NY-5.G.1, MP7, 5.Mod6.AD3</p> <p>Lesson 3: Identify and plot points by using ordered pairs. NY-5.G.1, MP1, 5.Mod6.AD3</p> <p>Lesson 4: Describe the distance and direction between points in the coordinate plane. NY-5.G.2, MP2, 5.Mod6.AD4, 5.Mod6.AD5</p>
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					<p>Topic B: Patterns in the Coordinate Plane</p> <p>Lesson 5: Identify properties of horizontal and vertical lines. NY-5.G.2, MP8, 5.Mod6.AD5</p> <p>Lesson 6: Use properties of horizontal and vertical lines to solve problems. NY-5.G.2, MP6, 5.Mod6.AD5</p>

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<p>Lesson 6: Solve multi-step word problems by using metric measurement conversion. NY-5.MD.1, MP2, 5.Mod1.AD12</p>	<p>Topic B: Addition and Subtraction of Fractions by Making Like Units</p> <p>Lesson 5: Add and subtract fractions with related units by using pictorial models. NY-5.NF.A, MP6, 5.Mod2.AD2, 5.Mod2.AD3</p> <p>Lesson 6: Add and subtract fractions with related units by using area models to rename fractions. NY-5.NF.A, MP7, 5.Mod2.AD2</p> <p>Lesson 7: Add and subtract fractions with related units by finding equivalent fractions numerically. NY-5.NF.A, NY-5.NF.1, MP5, 5.Mod2.AD2, 5.Mod2.AD4</p> <p>Lesson 8: Add and subtract fractions with unrelated units by finding equivalent fractions pictorially. NY-5.NF.A, NY-5.NF.1, MP8, 5.Mod2.AD3, 5.Mod2.AD4</p> <p>Lesson 9: Add and subtract fractions with unrelated units by finding equivalent fractions numerically. NY-5.NF.A, NY-5.NF.1, MP5, 5.Mod2.AD2, 5.Mod2.AD4</p>	<p>Lesson 6: Convert smaller customary measurement units to larger measurement units. NY-5.NF.4a, NY-5.NF.5b, NY-5.MD.1, MP7, 5.Mod3.AD7, 5.Mod3.AD9, 5.Mod3.AD14</p>	<p>Lesson 6: Compare decimal numbers to the thousandths place. NY-5.NBT.3, NY-5.NBT.3b, MP5, 5.Mod4.AD8, 5.Mod4.AD10</p> <p>Lesson 7: Round decimal numbers to the nearest one, tenth, or hundredth. NY-5.NBT.4, MP6, 5.Mod4.AD11</p> <p>Lesson 8: Round decimal numbers to any place value unit. NY-5.NBT.4, MP3, 5.Mod4.AD11</p>	<p>Lesson 6: Identify quadrilaterals from given properties. NY-5.G.3, NY-5.G.4, MP1, 5.Mod5.AD13, 5.Mod5.AD14</p> <p>Lesson 7: Classify quadrilaterals in a hierarchy based on properties. NY-5.G.3, NY-5.G.4, MP7, 5.Mod5.AD13, 5.Mod5.AD14</p>	<p>Lesson 7: Generate number patterns to form ordered pairs. NY-5.OA.3, NY-5.G.2, MP7, 5.Mod6.AD1, 5.Mod6.AD2, 5.Mod6.AD5</p> <p>Lesson 8: Identify addition and subtraction relationships between corresponding terms in number patterns. NY-5.OA.3, NY-5.G.2, MP8, 5.Mod6.AD1, 5.Mod6.AD2, 5.Mod6.AD5</p> <p>Lesson 9: Identify multiplication and division relationships between corresponding terms in number patterns. NY-5.OA.3, NY-5.G.2, MP8, 5.Mod6.AD1, 5.Mod6.AD2, 5.Mod6.AD5</p> <p>Lesson 10: Identify mixed-operation relationships between corresponding terms in number patterns. (Optional) MP7</p>
<p>Topic B: Multiplication of Whole Numbers</p> <p>Lesson 7: Multiply by using familiar methods. NY-5.NBT, NY-5.NBT.5, MP5, 5.Mod1.AD5, 5.Mod1.AD9</p> <p>Lesson 8: Multiply two- and three-digit numbers by two-digit numbers by using the distributive property. NY-5.NBT, NY-5.NBT.5, MP8, 5.Mod1.AD5, 5.Mod1.AD9</p> <p>Lesson 9: Multiply two- and three-digit numbers by two-digit numbers by using the standard algorithm. NY-5.NBT, NY-5.NBT.5, MP6, 5.Mod1.AD5, 5.Mod1.AD9</p> <p>Lesson 10: Multiply three- and four-digit numbers by three-digit numbers by using the standard algorithm. NY-5.NBT, NY-5.NBT.5, MP6, 5.Mod1.AD5, 5.Mod1.AD9</p> <p>Lesson 11: Multiply two multi-digit numbers by using the standard algorithm. NY-5.NBT, NY-5.NBT.5, MP3, 5.Mod1.AD5, 5.Mod1.AD9</p>		<p>Topic B: Multiplication of Fractions</p> <p>Lesson 7: Multiply fractions less than 1 by unit fractions pictorially. NY-5.NF.4a, NY-5.NF.5a, NY-5.NF.5b, MP6, 5.Mod3.AD7, 5.Mod3.AD8, 5.Mod3.AD9</p> <p>Lesson 8: Multiply fractions less than 1 pictorially. NY-5.NF.4a, NY-5.NF.5a, NY-5.NF.5b, MP3, 5.Mod3.AD7, 5.Mod3.AD8, 5.Mod3.AD9</p> <p>Lesson 9: Multiply fractions by unit fractions by making simpler problems. NY-5.NF.4, NY-5.NF.5a, NY-5.NF.5b, MP8, 5.Mod3.AD6, 5.Mod3.AD8, 5.Mod3.AD9</p> <p>Lesson 10: Multiply fractions greater than 1 by fractions. NY-5.NF.4, NY-5.NF.5a, NY-5.NF.5b, MP7, 5.Mod3.AD6, 5.Mod3.AD8, 5.Mod3.AD9</p> <p>Lesson 11: Multiply fractions. NY-5.NF.4a, NY-5.NF.5a, NY-5.NF.5b, MP3, 5.Mod3.AD7, 5.Mod3.AD8, 5.Mod3.AD9</p>	<p>Topic B: Addition and Subtraction of Decimal Numbers</p> <p>Lesson 9: Add decimal numbers by using different methods. NY-5.NBT.B, NY-5.NBT.7, MP5, 5.Mod4.AD12, 5.Mod4.AD14, 5.Mod4.AD19</p> <p>Lesson 10: Add decimal numbers by using place value understanding. NY-5.NBT.7, MP1, 5.Mod4.AD14, 5.Mod4.AD18, 5.Mod4.AD19</p> <p>Lesson 11: Subtract decimal numbers by using different methods. NY-5.NBT.7, MP7, 5.Mod4.AD15, 5.Mod4.AD18, 5.Mod4.AD19</p>	<p>Topic B: Areas of Rectangular Figures with Fraction Side Lengths</p> <p>Lesson 8: Find areas of square tiles with fraction side lengths by relating the tile to a unit square. NY-5.NF.4b, MP7, 5.Mod5.AD2</p> <p>Lesson 9: Organize, count, and represent a collection of square tiles. NY-5.NF.4b, MP5, 5.Mod5.AD2</p> <p>Lesson 10: Find the area of a rectangle with fraction side lengths by relating the rectangle to a unit square. NY-5.NF.4b, MP7, 5.Mod5.AD2</p> <p>Lesson 11: Find areas of rectangles with fraction side lengths by using multiplication. NY-5.NF.4b, MP8, 5.Mod5.AD3</p>	<p>Topic C: Solve Mathematical Problems in the Coordinate Plane</p> <p>Lesson 11: Draw lines in the coordinate plane and identify points on the lines. NY-5.OA.3, NY-5.G.2, MP3, 5.Mod6.AD2, 5.Mod6.AD5</p> <p>Lesson 12: Graph and classify quadrilaterals in the coordinate plane. NY-5.G.2, NY-5.G.4, MP7, 5.Mod5.AD14, 5.Mod6.AD5</p>

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<p>Topic C: Division of Whole Numbers</p> <p>Lesson 12: Divide two- and three-digit numbers by multiples of 10. NY-5.NBT, NY-5.NBT.6, MP2, 5.Mod1.AD5, 5.Mod1.AD10, 5.Mod1.AD11</p> <p>Lesson 13: Divide two-digit numbers by two-digit numbers in problems that result in one-digit quotients. NY-5.NBT, NY-5.NBT.6, MP7, 5.Mod1.AD5, 5.Mod1.AD10, 5.Mod1.AD11</p> <p>Lesson 14: Divide three-digit numbers by two-digit numbers in problems that result in one-digit quotients. NY-5.NBT, NY-5.NBT.6, MP1, 5.Mod1.AD5, 5.Mod1.AD10</p> <p>Lesson 15: Divide three-digit numbers by two-digit numbers in problems that result in two-digit quotients. NY-5.NBT, NY-5.NBT.6, MP7, 5.Mod1.AD5, 5.Mod1.AD10, 5.Mod1.AD11</p> <p>Lesson 16: Divide four-digit numbers by two-digit numbers. NY-5.NBT, NY-5.NBT.6, MP2, 5.Mod1.AD5, 5.Mod1.AD10</p>	<p>Topic C: Addition and Subtraction of Fractions, Whole Numbers, and Mixed Numbers</p> <p>Lesson 10: Add whole numbers and mixed numbers and add mixed numbers with related units. NY-5.NF.1, NY-5.NF.2, MP5, 5.Mod2.AD4, 5.Mod2.AD7</p> <p>Lesson 11: Add mixed numbers with unrelated units. NY-5.NF.1, NY-5.NF.2, MP2, 5.Mod2.AD4, 5.Mod2.AD5, 5.Mod2.AD6</p> <p>Lesson 12: Subtract whole numbers from mixed numbers and mixed numbers from whole numbers. NY-5.NF.A, NY-5.NF.1, NY-5.NF.2, MP6, 5.Mod2.AD2, 5.Mod2.AD4, 5.Mod2.AD7</p> <p>Lesson 13: Subtract mixed numbers from mixed numbers with related units. NY-5.NF.1, NY-5.NF.2, MP7, 5.Mod2.AD4, 5.Mod2.AD7</p> <p>Lesson 14: Subtract mixed numbers from mixed numbers with unrelated units. NY-5.NF.1, NY-5.NF.2, MP4, 5.Mod2.AD4, 5.Mod2.AD5, 5.Mod2.AD6</p>	<p>Topic C: Division with a Unit Fraction and a Whole Number</p> <p>Lesson 12: Divide a nonzero whole number by a unit fraction to find the number of groups. NY-5.NF.7b, NY-5.NF.7c, MP1, 5.Mod3.AD12, 5.Mod3.AD13</p> <p>Lesson 13: Divide a nonzero whole number by a unit fraction to find the size of the group. NY-5.NF.7b, NY-5.NF.7c, MP2, 5.Mod3.AD12, 5.Mod3.AD13</p> <p>Lesson 14: Divide a unit fraction by a nonzero whole number. NY-5.NF.7a, NY-5.NF.7c, MP4, 5.Mod3.AD11, 5.Mod3.AD13</p> <p>Lesson 15: Divide by whole numbers and unit fractions. NY-5.NF.7a, NY-5.NF.7b, NY-5.NF.7c, MP3, 5.Mod3.AD11, 5.Mod3.AD12, 5.Mod3.AD13</p> <p>Lesson 16: Reason about the size of quotients of whole numbers and unit fractions and quotients of unit fractions and whole numbers. NY-5.OA.2, NY-5.NF.7a, NY-5.NF.7b, MP7, 5.Mod3.AD4, 5.Mod3.AD11, 5.Mod3.AD12</p>	<p>Lesson 12: Subtract decimal numbers by using place value understanding. NY-5.NBT.B, NY-5.NBT.7, MP5, 5.Mod4.AD12, 5.Mod4.AD15, 5.Mod4.AD19</p> <p>Lesson 13: Solve word problems involving addition and subtraction of decimal numbers and fractions. NY-5.NBT.B, MP6, 5.Mod4.AD13</p> <p>Topic C: Multiplication of Decimal Numbers</p> <p>Lesson 14: Multiply decimal numbers to hundredths by one-digit whole numbers by using different models. NY-5.NBT.7, MP7, 5.Mod4.AD16, 5.Mod4.AD18, 5.Mod4.AD19</p> <p>Lesson 15: Multiply decimal numbers to hundredths by one-digit whole numbers and multiples of 10, 100, or 1,000 by using different written methods. NY-5.NBT.B, NY-5.NBT.7, MP1, 5.Mod4.AD12, 5.Mod4.AD16, 5.Mod4.AD19</p>	<p>Lesson 12: Multiply mixed numbers. NY-5.NF.4, NY-5.NF.4b, MP5, 5.Mod5.AD1, 5.Mod5.AD4</p> <p>Lesson 13: Solve mathematical problems involving areas of composite figures with mixed-number side lengths. NY-5.NF.4b, MP7, 5.Mod5.AD3</p> <p>Lesson 14: Solve real-world problems involving areas of composite figures with mixed-number side lengths. NY-5.NF.4b, NY-5.NF.6, MP1, 5.Mod5.AD3, 5.Mod5.AD5</p> <p>Lesson 15: Solve multi-step word problems involving multiplication of mixed numbers. NY-5.NF.6, MP2, 5.Mod5.AD5</p> <p>Topic C: Volume Concepts</p> <p>Lesson 16: Identify attributes and properties of right rectangular prisms. NY-5.MD.3, NY-5.MD.3a, NY-5.MD.3b, MP7, 5.Mod5.AD6</p> <p>Lesson 17: Find the volume of right rectangular prisms by packing with unit cubes and counting. NY-5.MD.3, NY-5.MD.3a, NY-5.MD.3b, NY-5.MD.4, MP2, 5.Mod5.AD6, 5.Mod5.AD7</p>	<p>Lesson 13: Draw symmetric figures in the coordinate plane. NY-5.G.2, MP1, 5.Mod6.AD5</p> <p>Lesson 14: Solve mathematical problems with rectangles in the coordinate plane. NY-5.G.2, MP5, 5.Mod6.AD5</p> <p>Lesson 15: Use the coordinate plane to reason about perimeters and areas of rectangles. NY-5.G.2, NY-5.NF.4b, MP3, 5.Mod5.AD3, 5.Mod6.AD5</p> <p>Topic D: Solve Real-World Problems with the Coordinate Plane</p> <p>Lesson 16: Interpret graphs that represent real-world situations. NY-5.G.2, MP3, 5.Mod6.AD4, 5.Mod6.AD5</p> <p>Lesson 17: Plot data in the coordinate plane and analyze relationships. NY-5.G.2, MP2, 5.Mod6.AD4</p> <p>Lesson 18: Interpret line graphs. NY-5.G.2, MP2, 5.Mod6.AD5</p> <p>Lesson 19: Reason about visual patterns by using tables and graphs. (Optional) MP5</p>

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<p>Topic D: Multi-Step Problems with Whole Numbers</p> <p>Lesson 17: Write, interpret, and compare numerical expressions. NY-5.OA.1, NY-5.OA.2, MP6, 5.Mod1.AD2, 5.Mod1.AD3, 5.Mod1.AD4</p> <p>Lesson 18: Create and solve real-world problems for given numerical expressions. NY-5.OA.2, NY-5.NBT, MP2, 5.Mod1.AD3, 5.Mod1.AD5</p> <p>Lesson 19: Solve multi-step word problems involving multiplication and division. NY-5.OA.2, NY-5.NBT, MP4, 5.Mod1.AD3, 5.Mod1.AD5</p> <p>Lesson 20: Solve multi-step word problems involving the four operations. NY-5.OA.2, NY-5.NBT, MP1, 5.Mod1.AD3, 5.Mod1.AD5</p> <p>■</p>	<p>Topic D: Problem Solving and Line Plots with Fractional Measurements</p> <p>Lesson 15: Represent data on a line plot. NY-5.MD.2, MP6, 5.Mod2.AD11</p> <p>Lesson 16: Solve problems by using data from a line plot. NY-5.NF.2, NY-5.MD.2, MP3, 5.Mod2.AD5, 5.Mod2.AD11</p> <p>Lesson 17: Solve problems by equally redistributing a total amount. (Optional) NY-5.NF.2, NY-5.MD.2, MP5, 5.Mod2.AD5, 5.Mod2.AD11</p> <p>■</p>	<p>Lesson 17: Solve word problems involving fractions with multiplication and division. NY-5.NF.6, NY-5.NF.7c, MP1, 5.Mod3.AD10, 5.Mod3.AD13</p> <p>Topic D: Multi-Step Problems with Fractions</p> <p>Lesson 18: Compare and evaluate expressions with parentheses. NY-5.OA.1, NY-5.OA.2, MP6, 5.Mod3.AD2, 5.Mod3.AD3, 5.Mod3.AD4</p> <p>Lesson 19: Create and solve one-step word problems involving fractions. NY-5.NF.7a, NY-5.NF.7b, NY-5.NF.7c, MP2, 5.Mod3.AD11, 5.Mod3.AD12, 5.Mod3.AD13</p> <p>Lesson 20: Solve multi-step word problems involving fractions and write equations with parentheses. NY-5.NF, NY-5.NF.7c, MP4, 5.Mod3.AD5, 5.Mod3.AD13</p> <p>Lesson 21: Solve multi-step word problems involving fractions. NY-5.NF, NY-5.NF.6, NY-5.NF.7c, MP4, 5.Mod3.AD5, 5.Mod3.AD10, 5.Mod3.AD13</p> <p>■</p>	<p>Lesson 16: Multiply decimal numbers to hundredths by two-digit whole numbers by using area models and vertical form. NY-5.NBT.B, NY-5.NBT.7, MP8, 5.Mod4.AD13, 5.Mod4.AD16, 5.Mod4.AD18</p> <p>Lesson 17: Multiply decimal numbers to hundredths by two-digit whole numbers by using different methods. NY-5.NBT.B, NY-5.NBT.7, MP5, 5.Mod4.AD13, 5.Mod4.AD16, 5.Mod4.AD19</p> <p>Lesson 18: Relate decimal-number multiplication to fraction multiplication. NY-5.NBT.7, MP8, 5.Mod4.AD16, 5.Mod4.AD18, 5.Mod4.AD19</p> <p>Lesson 19: Multiply a decimal number by a decimal number. NY-5.NBT.B, NY-5.NBT.7, MP7, 5.Mod4.AD12, 5.Mod4.AD16, 5.Mod4.AD19</p>	<p>Lesson 18: Find the volume of right rectangular prisms by packing with improvised units. NY-5.MD.4, MP3, 5.Mod5.AD7</p> <p>Lesson 19: Compose and decompose right rectangular prisms to find their volume by using layers. NY-5.MD.3, NY-5.MD.3a, NY-5.MD.3b, NY-5.MD.4, MP8, 5.Mod5.AD6, 5.Mod5.AD7</p> <p>Lesson 20: Interpret volume as filling. NY-5.MD.3, NY-5.MD.3a, NY-5.MD.3b, MP2, 5.Mod5.AD6</p> <p>Lesson 21: Relate volumes of solids and liquid volume. NY-5.MD.3, NY-5.MD.3a, NY-5.MD.3b, NY-5.MD.4, MP2, 5.Mod5.AD6, 5.Mod5.AD7</p> <p>Topic D: Volume and the Operations of Multiplication and Addition</p> <p>Lesson 22: Find the volumes of right rectangular prisms by using the area of the base. NY-5.MD.5, NY-5.MD.5a, NY-5.MD.5b, MP7, 5.Mod5.AD8, 5.Mod5.AD9, 5.Mod5.AD11</p>	<p>Lesson 20: Reason about patterns in real-world situations. NY-5.OA.3, NY-5.G.2, MP4, MP5, 5.Mod6.AD1, 5.Mod6.AD2, 5.Mod6.AD4</p> <p>■</p>

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			<p>Topic D: Division of Decimal Numbers</p> <p>Lesson 20: Divide decimal numbers to hundredths by one-digit whole numbers and multiples of 10, 100, or 1,000 by using unit form and place value understanding. NY-5.NBT.B, NY-5.NBT.7, MP7, 5.Mod4.AD12, 5.Mod4.AD17, 5.Mod4.AD18</p> <p>Lesson 21: Divide decimal numbers to hundredths by one-digit whole numbers and multiples of 10, 100, or 1,000 by using place value understanding and vertical form. NY-5.NBT.7, MP3, 5.Mod4.AD17, 5.Mod4.AD19</p> <p>Lesson 22: Divide decimal numbers to hundredths by two-digit whole numbers. NY-5.NBT.B, NY-5.NBT.7, MP5, 5.Mod4.AD13, 5.Mod4.AD17, 5.Mod4.AD19</p> <p>Lesson 23: Relate division by 0.1 and 0.01 to division by a unit fraction. NY-5.NBT.B, NY-5.NBT.7, MP8, 5.Mod4.AD12, 5.Mod4.AD17, 5.Mod4.AD19</p> <p>Lesson 24: Divide decimal numbers by decimal numbers, resulting in whole-number quotients. NY-5.NBT.B, NY-5.NBT.7, MP2, 5.Mod4.AD13, 5.Mod4.AD17, 5.Mod4.AD19</p>	<p>Lesson 23: Find the volumes of right rectangular prisms by multiplying the edge lengths. NY-5.MD.5a, NY-5.MD.5b, MP7, 5.Mod5.AD9, 5.Mod5.AD11</p> <p>Lesson 24: Solve word problems involving volumes of right rectangular prisms. NY-5.MD.5, NY-5.MD.5c, MP2, 5.Mod5.AD8, 5.Mod5.AD12</p> <p>Lesson 25: Find the volumes of solid figures composed of right rectangular prisms. NY-5.MD.5b, NY-5.MD.5c, MP1, 5.Mod5.AD11, 5.Mod5.AD12</p> <p>Lesson 26: Evaluate numerical expressions with addition and subtraction or with multiplication and division. NY-5.OA.1, MP7, 5.Mod5.AD15</p> <p>Lesson 27: Evaluate numerical expressions by using the order of operations. NY-5.OA.1, MP6, 5.Mod5.AD15</p> <p>Lesson 28: Solve word problems involving perimeter, area, and volume. NY-5.MD.5b, NY-5.MD.5c, MP1, 5.Mod5.AD11, 5.Mod5.AD12</p>	

Module 1	Module 2	Module 3	Module 4	Module 5	Module 6
			<p>Lesson 25: Divide decimal numbers by decimal numbers, resulting in decimal-number quotients. (Optional) NY-5.NBT.B, NY-5.NBT.7, MP1, 5.Mod4.AD12, 5.Mod4.AD17, 5.Mod4.AD19</p> <hr/> <p>Topic E: Applications of Decimals</p> <p>Lesson 26: Solve a real-world problem involving metric measurements. (Optional) NY-5.MD.1, MP3, 5.Mod4.AD20</p> <p>Lesson 27: Convert metric measurements involving decimals. NY-5.MD.1, MP6, 5.Mod4.AD20</p> <p>Lesson 28: Convert customary measurements involving decimals. NY-5.MD.1, MP4, 5.Mod4.AD20</p> <p>Lesson 29: Interpret, evaluate, and compare numerical expressions involving decimals. NY-5.OA.1, NY-5.OA.2, MP6, 5.Mod4.AD2, 5.Mod4.AD3, 5.Mod4.AD4</p> <p>Lesson 30: Create and solve real-world problems for given numerical expressions involving decimals. NY-5.OA.2, NY-5.NBT.B, MP2, 5.Mod4.AD3, 5.Mod4.AD13</p>	<p>Lesson 29: Apply concepts and formulas of volume to design a sculpture by using right rectangular prisms, part 1. (Optional) NY-5.MD.5b, NY-5.MD.5c, MP4, 5.Mod5.AD11, 5.Mod5.AD12</p> <p>Lesson 30: Apply concepts and formulas of volume to design a sculpture by using right rectangular prisms, part 2. (Optional) NY-5.MD.5b, NY-5.MD.5c, MP3, 5.Mod5.AD11, 5.Mod5.AD12</p> <p>■</p>	