Correlations

Grade 5 Unit 1	Objective	CCSS	TEKS
Lesson 1	Students will relate the value of a digit to its place value (through thousandths) and describe the relationship of the value of a digit to the same digit to its left or right.	5.NBT.A.1	5.2A
Lesson 2	Students will read and write decimals to thousandths using word names and standard form (base ten numerals).	5.NBT.A.3.A	5.2A
Lesson 3	Students will represent decimals as fractions with denominators of 10, 100, or 1,000.	5.NBT.A.3.A	5.2A
Lesson 4	Students will write decimal numbers in expanded form.	5.NBT.A.3.A	5.2A
Lesson 5	Students will plot decimals on a number line.	5.NBT.A.3.B	5.2B
Lesson 6	Students will use benchmark numbers to compare decimals, recording the results using <, =, or >.	5.NBT.A.3.B	5.2B
Lesson 7	Students will use a number line to round decimals.	5.NBT.A.4	5.2C
Lesson 8	Students will demonstrate their knowledge of decimal place value by taking a quiz.	5.NBT.A.1, 5.NBT.A.3.A, 5.NBT.A.3.B, 5.NBT.A.4	5.2A, 5.2B, 5.2C
Lesson 9	Students will use models to add decimal numbers.	5.NBT.A.7	5.3K
Lesson 10	Students will use partial sums and place value understanding to add decimal numbers.	5.NBT.A.7	5.3K
Lesson 11	Students will estimate sums and use the standard algorithm to add decimal numbers.	5.NBT.A.7	5.3A, 5.3K
Lesson 12	Students will demonstrate knowledge of adding decimals by taking a quiz.	5.NBT.A.7	5.3A, 5.3K
Lesson 13	Students will use models to subtract decimals.	5.NBT.A.7	5.3K
Lesson 14	Students will estimate differences and use the standard algorithm to subtract decimal numbers.	5.NBT.A.7	5.3A, 5.3K
Lesson 15	Students will subtract decimal numbers with added zeros in the minuend.	5.NBT.A.7	5.3K
Lesson 16	Students will demonstrate their knowledge of subtracting decimals by taking a quiz.	5.NBT.A.7	5.3A, 5.3K
Lesson 17	Students will solve problems by adding or subtracting decimals.	5.NBT.A.7	5.3K
Lesson 18	Students will solve money problems by adding or subtracting decimals.	5.NBT.A.7	5.3K
Lesson 19	Students will review decimal place value and decimal addition and subtraction by going on a math hunt.	5.NBT.A.1, 5.NBT.A.3A, 5.NBT.3B, 5.NBT.A.4, 5.NBT.B.7	5.2A, 5.2B, 5.2C, 5.3K
Lesson 20	Assessment		

Correlations

Grade 5 Unit 2	Objective	CCSS	TEKS
Lesson 1	Students will use patterns and properties of multiplication to find the product of a two-digit number and power of 10 and explain the pattern in the zeros.	5.NBT.A.2	5.3B
Lesson 2	Students will multiply whole numbers by powers of 10, using exponents to denote powers of 10.	5.NBT.A.2	5.3B
Lesson 3	Students will use rounding to estimate products of whole numbers.	5.NBT.B.5	5.3A
Lesson 4	Students will use models and algorithms to multiply up to a four-digit number by a one-digit number.	5.NBT.B.5	5.3B
Lesson 5	Students will use models to multiply a two-digit number by a two-digit number.	5.NBT.B.5	5.3B
Lesson 6	Students will use the standard algorithm to multiply a two-digit number by a two-digit number.	5.NBT.B.5	5.3B
Lesson 7	Students will use models to multiply a three-digit number by a two-digit number.	5.NBT.B.5	5.3B
Lesson 8	Students will use the standard algorithm to multiply a three-digit number by a two-digit number.	5.NBT.B.5	5.3B
Lesson 9	Students will solve multiplication word problems.	5.NBT.B.5	5.3B
Lesson 10	Students will demonstrate knowledge of whole number multiplication by taking a quiz.	5.NBT.B.5	5.3A, 5.3B
Lesson 11	Students use patterns to place the decimal point when multiplying a decimal number by a power of 10.	5.NBT.A.2	5.3E
Lesson 12	Students use models to multiply a number of tenths by a whole number.	5.NBT.B.7	5.3D
Lesson 13	Students use models to multiply tenths by tenths.	5.NBT.B.7	5.3D
Lesson 14	Students estimate the product of two decimal numbers.	5.NBT.B.7	5.3A
Lesson 15	Students use an area model to multiply two decimal numbers.	5.NBT.B.7	5.3D
Lesson 16	Students use number sense to place the decimal point in the product of two decimal numbers.	5.NBT.B.7	5.3E
Lesson 17	Students solve multiplication of decimals word problems, including money problems.	5.NBT.B.7	5.3E
Lesson 18	Students will demonstrate knowledge of multiplying decimals by taking a quiz.	5.NBT.B.7	5.3A, 5.3D, 5.3E
Lesson 19	Students will review multiplying whole numbers and decimals with a math hunt.	5.NBT.A.2, 5.NBT.B.5, 5.NBT.B.7	5.3A, 5.3B, 5.3D, 5.3E
Lesson 20	Assessment		

Correlations

Grade 5 Unit 3	Objective	CCSS	TEKS
Lesson 1	Students will use patterns to find quotients with divisors/dividends that are powers of 10.	5.NBT.A.2	5.3C
Lesson 2	Students will use patterns to find quotients of up to a four-digit number divided by a one-digit number.	5.NBT.B.6	5.3C
Lesson 3	Students will use compatible numbers to estimate quotients of up to a four-digit number divided by a one-digit number.	5.NBT.B.6	5.3A, 5.3C
Lesson 4	Students will use area models and expanded notation to find quotients of up to a four-digit number by a one-digit number.	5.NBT.B.6	5.3C
Lesson 5	Students use area models to divide three- or four-digit numbers by a two-digit number.	5.NBT.B.6	5.3C
Lesson 6	Students use partial quotients to divide three- or four-digit numbers by a two-digit number.	5.NBT.B.6	5.3 A, 5.3C
Lesson 7	Students will use the standard algorithm to divide a four-digit number by a one-digit number.	5.NBT.B.6	5.3C
Lesson 8	Students will use the standard algorithm to divide a three- or four-digit number by a two-digit number, without remainders.	5.NBT.B.6	5.3C
Lesson 9	Use the standard algorithm to divide a three- or four-digit number by a two-digit number, with remainders.	5.NBT.B.6	5.3C
Lesson 10	Students will solve word problems by dividing whole numbers.	5.NBT.B.6	5.3C
Lesson 11	Students will demonstrate knowledge of dividing whole numbers by taking a quiz.	5.NBT.B.6	5.3.A, 5.3C
Lesson 12	Students will use models to divide a number of tenths by a whole number.	5.NBT.B.7	5.3F
Lesson 13	Students will use models to divide a number of hundredths by a whole number.	5.NBT.B.7	5.3F
Lesson 14	Students will estimate the quotient of two decimals to the hundredths.	5.NBT.B.7	5.3A, 5.3F, 5.3G
Lesson 15	Students will relate dividing decimals to the methods used to divide whole numbers and use estimation to place the decimal point.	5.NBT.B.7	5.3A, 5.3F
Lesson 16	Students will use the standard algorithm to divide decimals.	5.NBT.B.7	5.3A, 5.3F
Lesson 17	Students will solve word problems by dividing decimals, including money problems.	5.NBT.B.7	5.3A, 5.3F
Lesson 18	Students will demonstrate knowledge of dividing decimals by taking a quiz.	5.NBT.B.7	5.3A, 5.3F
Lesson 19	Students will review division by going on a math hunt.	5.NBT.A.2, 5.NBT.B.6, 5.NBT.B7	5.3A, 5.3.C, 5.3F, 5.3G
Lesson 20	Assessment		

Correlations

Grade 5 Unit 4	Objective	CCSS	TEKS
Lesson 1	Students will add fractions with like denominators.	5.NF.A.1	5.3H
Lesson 2	Students will use benchmark fractions and number lines to estimate the sums of fractions with different denominators.	5.NF.A.2	5.3H
Lesson 3	Students will use fraction strips to add fractions with different denominators.	5.NF.A.1	5.3H
Lesson 4	Students will use models and multiplication to find equivalent fractions.	5.NF.A.1	5.3H
Lesson 5	Students will use equivalent fractions to add fractions with different denominators.	5.NF.A.1	5.3H
Lesson 6	Students will solve word problems by adding fractions.	5.NF.A.2	5.3H
Lesson 7	Students will demonstrate knowledge of adding fractions by taking a quiz.	5.NF.A.1, 5.NF.A.2	5.3H
Lesson 8	Students will subtract fractions with like denominators.	5.NF.A.1	5.3H
Lesson 9	Students will use benchmark fractions to estimate the difference of fractions with different denominators.	5.NF.A.2	5.3H
Lesson 10	Students will use fraction strips to subtract fractions with different denominators.	5.NF.A.1	5.3H
Lesson 11	Students will use equivalent fractions to subtract fractions with different denominators.	5.NF.A.1	5.3H
Lesson 12	Students will solve word problems by subtracting fractions.	5.NF.A.2	5.3H
Lesson 13	Students will demonstrate knowledge of subtracting fractions by taking a quiz.	5.NF.A.1, 5.NF.A.2	5.3H
Lesson 14	Students will add mixed numbers.	5.NF.A.1	5.3H
Lesson 15	Students will subtract mixed numbers.	5.NF.A.1	5.3H
Lesson 16	Students will use strip diagrams to represent addition and subtraction of mixed numbers.	5.NF.A.1, 5.NF.A.2	5.3H
Lesson 17	Students will solve word problems by adding or subtracting fractions and mixed numbers.	5.NF.A.2	5.3H
Lesson 18	Students will demonstrate knowledge of adding and subtracting mixed numbers by taking a quiz.	5.NF.A.1, 5.NF.A.2	5.3H
Lesson 19	Students will review addition and subtraction of fractions and mixed numbers with a math hunt.	5.NF.A.1, 5.NF.A.2	5.3H
Lesson 20	Assessment		

Correlations

Grade 5 Unit 5	Objective	CCSS	TEKS
Lesson 1	Students will use models to multiply a unit fraction by a whole number.	5.NF.B.4	5.3I
Lesson 2	Students will use models to multiply a fraction by a whole number.	5.NF.B.4	5.3I
Lesson 3	Students will solve word problems involving the division of whole numbers, representing the quotient as a fraction.	5.NF.B.3	5.3I
Lesson 4	Students will use an area model to multiply a whole number by a unit fraction, interpreting the product as a fraction of the whole.	5.NF.B.4.A	5.3I
Lesson 5	Students will use an area model to multiply a whole number by a fraction.	5.NF.B.4.A, 5.NF.B.4.B	5.3I
Lesson 6	Students will use an area model to multiply two fractions.	5.NF.B.4.A	5.3I
Lesson 7	Students will develop an algorithm for multiplying fractions.	5.NF.B.4.A, 5.NF.B.4.B	5.3I
Lesson 8	Students will use multiplication to represent the area of a rectangle with fractional side lengths.	5.NF.B.4.B	5.3I
Lesson 9	Students will interpret multiplication as scaling by determining how the size of the factors relates to the size of the product.	5.NF.B.5.A, 5.NF.B.5.B	5.3I
Lesson 10	Students will solve word problems by multiplying fractions.	5.NF.B.6	5.3I
Lesson 11	Students will demonstrate their knowledge of multiplying fractions by taking a quiz.	5.NF.B.4.A, 5.NF.B.4.B, 5.NF.B.5.A, 5.NF.B.5.B	5.3I
Lesson 12	Students will use models to divide a unit fraction by a whole number.	5.NF.B.7.A	5.3J, 5.3L
Lesson 13	Students will use models to divide a whole number by a unit fraction.	5.NF.B.7.B	5.3J, 5.3L
Lesson 14	Students will solve word problems involving dividing a unit fraction by a whole number or a whole number by a unit fraction.	5.NF.B.7.C	5.3J, 5.3L
Lesson 15	Students will demonstrate their knowledge of dividing fractions by taking a quiz.	5.NF.B.7.A, 5.NF.B.7.B, 5.NF.B.7.C	5.3J, 5.3L
Lesson 16	Students will multiply mixed numbers.	5.NF.B.4, 5.NF.B.5.B	5.3I
Lesson 17	Students will solve word problems by multiplying mixed numbers.	5.NF.B.6	5.3I
Lesson 18	Students will demonstrate their knowledge of multiplying mixed numbers by taking a quiz.	5.NF.B.6	5.3I
Lesson 19	Students will review multiplying and dividing fractions and mixed numbers by going on a math hunt.	5.NF.B.3, 5.NF.B.4, 5.NF.B.4.a, 5.NF.B.4.b, 5.NF.B.5.A, 5.NF.B.5.B, 5.NF.B.6, 5.NF.B.7.A, 5.NF.B.7.B, 5.NF.B.7.C	5.3I, 5.3J, 5.3L
Lesson 20	Assessment		

Correlations

Grade 5 Unit 6	Objective	CCSS	TEKS
Lesson 1	Students will identify properties of quadrilaterals.	5.G.B.3	5.5A
Lesson 2	Students will classify quadrilaterals in more than one way.	5.G.B.3	5.5A
Lesson 3	Students will classify quadrilaterals in a hierarchy based on properties.	5.G.B.4	5.5A
Lesson 4	Students will classify triangles by the lengths of their sides.	5.G.B.3	5.5A
Lesson 5	Students will classify triangles by the measures of their angles.	5.G.B.3	5.5A
Lesson 6	Students will classify triangles in more than one way.	5.G.B.3	5.5A
Lesson 7	Students will classify polygons in hierarchies based on properties.	5.G.B.4	5.5A
Lesson 8	Students will demonstrate their knowledge of polygons by taking a quiz.	5.G.B.3, 5.G.B.4	5.5A
Lesson 9	Students will define the coordinate plane and describe the location of points relative to the origin.	5.G.A.1	5.8A
Lesson 10	Students will use ordered pairs to describe the locations of points in the first quadrant of the coordinate plane.	5.G.A.1	5.8B
Lesson 11	Students will plot points using ordered pairs on the coordinate plane.	5.G.A.1	5.8B
Lesson 12	Students will use an input/output table to generate ordered pairs and then plot the pairs on the coordinate plane.	5.G.A.1, 5.G.A.2	5.8.C
Lesson 13	Students will solve real-world problems by graphing and interpreting points on the coordinate plane.	5.G.A.2	5.8C
Lesson 14	Students will demonstrate their knowledge of coordinate planes by taking a quiz.	5.G.A.1, 5.G.A.2	5.8A, 5.8B, 5.8C
Lesson 15	Students will graph points to form quadrilaterals and classify quadrilaterals based on properties.	5.G.B.3, 5.G.A.2	5.5A, 5.8C
Lesson 16	Students will graph points to form triangles and identify the triangles based on properties.	5.G.B.3, 5.G.A.2	5.5A, 5.8C
Lesson 17	Students will graph points to form polygons and classify the polygons based on properties.	5.G.B.3, 5.G.A.2	5.5A, 5.8C
Lesson 18	Students will demonstrate their knowledge of graphing polygons by taking a quiz.	5.G.B.3, 5.G.A.2	5.5A, 5.8C
Lesson 19	Students will review polygons and the coordinate plane by going on a math hunt.	5.G.A.1, 5.G.A.2, 5.G.B.3, 5.G.B.4	5.5.A, 5.8A, 5.8B, 5.8C
Lesson 20	Assessment		

Correlations

Grade 5 Unit 7	Objective	CCSS	TEKS
Lesson 1	Students will find all the factor pairs of a number.		5.4A
Lesson 2	Students will use factoring to identify prime and composite numbers.		5.4A
Lesson 3	Students will use the order of operations to evaluate whole number expressions with all four operations.	5.OA.A.1	5.4 F
Lesson 4	Students will use the order of operations to evaluate whole number expressions with grouping symbols.	5.OA.A.1	5.4E, 5.4F
Lesson 5	Students will use the order of operations to evaluate expressions with decimals.	5.OA.A.1	5.4 F
Lesson 6	Students will use the order of operations to evaluate expressions with fractions.	5.OA.A.1	5.4 F
Lesson 7	Students will demonstrate their understanding of the order of operations by taking a quiz.	5.OA.A.1	5.4A, 5.4E, 5.4F
Lesson 8	Students will use the Commutative and Associative Properties to recognize and write equivalent expressions.	5.OA.A.2	5.4B
Lesson 9	Students will write numerical expressions to record calculations.	5.OA.A.2	5.4B
Lesson 10	Students will write expressions in which a factor is multiplied by a sum, such as $5 \times (4 + 3)$, and describe the relationship between the value of the expression and the value of the sum.	5.OA.A.2	5.4B
Lesson 11	Students will write algebraic expressions to record calculations.	5.OA.A.2	5.4B
Lesson 12	Students will write expressions to represent and solve real-world multistep problems.	5.OA.A.2	5.4B
Lesson 13	Students will demonstrate knowledge of writing and using expressions by taking a quiz.	5.OA.A.1, 5.OA.A.2	5.4B
Lesson 14	Students will create two number patterns, given two different rules.	5.OA.B.3	5.4C
Lesson 15	Students will describe the relationships between two number patterns.	5.OA.B.3	5.4D
Lesson 16	Students will use number patterns to create ordered pairs and plot them on the coordinate grid.	5.OA.B.3, 5.G.A.2	5.4C, 5.8C
Lesson 17	Students will use a rule given as an equation to generate a number pattern, use the pattern to generate ordered pairs, and then graph the ordered pairs.	5.OA.B.3, 5.G.A.2	5.4 C, 5.8C
Lesson 18	Students will demonstrate their knowledge of number patterns by taking a quiz.	5.OA.B.3, 5.G.A.2	5.4C, 5.4D, 5.8C
Lesson 19	Students review expressions and algebraic reasoning skills by going on a math hunt.	5.OA.A.1, 5.OA.A.2, 5.OA.B.3, 5.G.A.2	5.4A, 5.4B, 5.4C, 5.4D, 5.4E, 5.4F, 5.8C
Lesson 20	Assessment		

Correlations

Grade 5 Unit 8	Objective	CCSS	TEKS
Lesson 1	Students will relate the relationships between metric units to base-ten place value.	5.NBT.A.1, 5.MD.A.1, 5.MD.C.3.A, 5.MD.C.3.B, 5.MD.C.4, 5.MD.C.5.A, 5.MD.C.5.B, 5.MD.C.5.C	5.2A, 5.7A, 5.4G, 5.4H, 5.6A, 5.6B
Lesson 2	Students will convert from a larger metric unit of measurement to a smaller metric unit of measurement, and record the measurements in a T-chart.	5.MD.A.1	5.7A
Lesson 3	Students will convert from a smaller metric unit of measurement to a larger metric unit of measurement and record the measurements in a T-chart.	5.MD.A.1	5.7A
Lesson 4	Students will solve multistep real-world problems by converting metric measurements.	5.MD.A.1	5.7A
Lesson 5	Students will demonstrate knowledge of metric measurements by taking a quiz.	5.MD.A.1	5.7A
Lesson 6	Students will convert between customary units of length and record the measurements in a T-chart.	5.MD.A.1	5.7A
Lesson 7	Students will convert between customary units of weight and record the measurements in a T-chart.	5.MD.A.1	5.7A
Lesson 8	Students will convert between customary units of capacity and record the measurements in a T-chart.	5.MD.A.1	5.7A
Lesson 9	Students will solve multistep real-world problems by converting customary units of measurement.	5.MD.A.1	5.7A
Lesson 10	Students will solve area and perimeter problems using metric or customary units of length.	5.MD.A.1	5.7A, 5.4H
Lesson 11	Students will use cubic units to model volume.	5.MD.C.3.A, 5.MD.C.3.B, 5.MD.C.4	5.6A
Lesson 12	Students will predict the number of cubic units needed to fill a net and then build the net and fill to check.	5.MD.C.3.A, 5.MD.C.3.B, 5.MD.C.4	5.6A
Lesson 13	Students will relate the volume of a rectangular prism to its dimensions and use the volume formula $V = l \times w \times h$ or $V = s \times s \times s$ to find the volume.	5.MD.C.5.A, 5.MD.C.5.B	5.4G
Lesson 14	Students will build a rectangular prism by building layers of the base with a given area.	5.MD.C.4	5.6B
Lesson 15	Students will relate volume to the relationship between the base and height of a rectangular prism, and use the formula $V = bh$ to find the volume.	5.MD.C.5.A, 5.MD.C.5.B	5.4G
Lesson 16	Students will find the volume of solid figures composed of two non-overlapping rectangular prisms.	5.MD.C.5.C	5.4G
Lesson 17	Students will solve real-world problems by finding the volume of rectangular prisms and express the answer in metric or customary units of length.	5.MD.C.5	5.7A, 5.4G
Lesson 18	Students will demonstrate their knowledge of volume by taking a quiz.	5.MD.A.1, 5.MD.C.3.A, 5.MD.C.3.B, 5.MD.C.4, 5.MD.C.5.A, 5.MD.C.5.B, 5.MD.C.5.C	5.6A, 5.6B, 5.4H, 5.4G, 5.7A
Lesson 19	Students will review measurement skills with a math hunt.	5.NBT.A.1, 5.MD.A.1, 5.MD.C.3.A, 5.MD.C.3.B, 5.MD.C.4, 5.MD.C.5.A, 5.MD.C.5.B, 5.MD.C.5.C	5.2A, 5.7A, 5.4G, 5.4H, 5.6A, 5.6B
Lesson 20	Assessment		

Correlations

Grade 5 Unit 9	Objective	CCSS	TEKS
Lesson 1	Students will differentiate between categorical and numerical data.	5.MD.B.2	5.9A
Lesson 2	Students will collect and represent categorical data using a frequency table.	5.MD.B.2	5.9A
Lesson 3	Students will collect and represent categorical data using a bar graph.	5.MD.B.2	5.9A
Lesson 4	Students will solve one- and two-step problems using data from a frequency table or bar graph.	5.MD.B.2	5.9C
Lesson 5	Students will represent numerical data using a line plot, and describe the distribution using the terms clusters, gaps, and outliers.	5.MD.B.2	5.9A
Lesson 6	Students will collect measurement data in fractions of an inch and represent the data on a line plot.	5.MD.B.2	5.9A
Lesson 7	Students will represent numerical data using a stem and leaf plot.	5.MD.B.2	5.9A
Lesson 8	Students will solve one-and two-step problems using data from a line plot or stem and leaf plot.	5.MD.B.2	5.9C
Lesson 9	Students will represent paired data in a scatterplot.	5.MD.B.2	5.9B
Lesson 10	Students will solve one- and two-step problems using data from a scatterplot.	5.MD.B.2	5.9C
Lesson 11	Students will demonstrate their knowledge of data by taking a quiz.	5.MD.B.2	5.9A, 5.9B, 5.9C
Lesson 12	Students will define types of tax and use multiplication to solve simple real-world tax problems.		5.10.A
Lesson 13	Students will identify different types of payment methods and role-play using them to purchase items.		5.10C
Lesson 14	Students will use subtraction to find the difference between gross income and net income.		5.10B
Lesson 15	Students will solve real-world problems using income and expenses to find net profit.		5.10D
Lesson 16	Students will adjust a budget to show how to balance a budget when expenses exceed income.		5.10E
Lesson 17	Students will create a simple balanced budget.		5.10F
Lesson 18	Students will demonstrate knowledge of financial literacy by taking a quiz.		5.10A, 5.10B, 5.10C, 5.10D, 5.10E, 5.10F
Lesson 19	Students will review data and financial literacy skills with a math hunt.	5.MD.B.2	5.9A, 5.9B, 5.9C, 5.10A, 5.10B, 5.10C, 5.10D, 5.10E, 5.10F
Lesson 20	Assessment		