

Limestone Walters 4th Grade CCSS Pacing Guide 2014

1st Quarter

Unit	CCSS	General Overview (Unpacked Standards)
Place Value	4.NBT.1	Recognize that a digit in ones place represents ten times what it represents in the place to its right.
	4.NBT.2	Read/write multi-digit whole numbers using base-ten numerals, number names, and expanded form; Compare two multi-digit numbers based on meanings of the digits in each place using $>$, $<$, $=$ to record the results of comparisons.
	4.NBT.3	Use place value to round multi-digit whole numbers to any place
Adding and Subtracting Whole Numbers	4.NBT.3	Use place value to round multi-digit whole numbers to any place while adding and subtracting
	4.NBT.4	Fluently add and subtract multi-digit whole numbers using the standard algorithm.
	4.OA.3	Solve multi-step word problems using the 4 operations
Introduction to Multiplication	4.NBT.3	Use place value to round multi-digit whole numbers to any place while multiplying
	4.NBT.5	Multiply up to 4 digits by a 1-digit whole numbers (Fact Families)
	4.OA.1	Interpret a multiplication equation as a comparison
	4.OA.2	Multiply or divide to solve word problems involving multiplicative comparison by using a symbol to represent an unknown number
	4.OA.3	Solve multistep word problems using the 4 operations
	4.OA.4	Find factor pairs from 1-100, find multiples, identify numbers as prime or composite
4.OA.5	Generate a number or shape pattern using a given rule	

2nd Quarter

Multiplication and Division	4.NBT.5	Multiply up to 4 digits by a 1-digit whole numbers (Word Problems)
	4.NBT.6	Find whole quotients and remainders with up to four-digit dividends and one-digit divisors using equations, arrays, and area models
	4.OA.4	Find factor pairs from 1-100, find multiples, identify numbers as prime or composite
	4.OA.3	Solve multistep word problems using the 4 operations. Represent these problems using equations with a letter standing for an unknown quality.
	4.OA.1	Interpret a multiplication equation as a comparison
	4.OA.2	Multiply/Divide to solve word problems involving multiplication comparison by using equations and symbols for unknowns.
	4.OA.5	Generate a number or shape pattern using a given rule

3rd Quarter

Fractions	4.NF.1	Explain equivalent fractions by using visual fraction models, with attention to how the number and size of the parts differ. Use this principal to recognize and generate equivalent fractions
	4.NF.2	Compare 2 fractions with different numerators and denominators by creating common denominators, comparing to $\frac{1}{2}$, $>$, $<$, $=$.
	4.OA.4	Find factor pairs from 1-100, find multiples, identify numbers as prime or composite
	4.OA.5	Generate a number or shape pattern using a given rule

Adding and Subtraction Fractions with Like Denominators	4.NF.3a	Understand addition and subtraction of fractions as joining and separating parts referring to the same number
	4.NF.3b	Decompose a fraction into a sum of fractions with the same denominator
	4.NF.3c	Add and subtract mixed numbers with like denominators
	4.NF.3d	Solve word problems with like denominators

Multiplying Fractions	4.NF.4	Apply and extend previous understanding of multiplication to multiply a fraction by a whole number
	4.NF.4a	Understand a fraction $\frac{a}{b}$ as a multiple of $\frac{1}{b}$
	4.NF.4b	Multiply a fraction by a whole number
	4.NF.4c	Solve word problems involving multiplying a fraction by a whole number

4th Quarter

Understanding Decimals and Fractions	4.NF.C.5	Express a fraction with a denominator 10 as a fraction with a denominator of 100
	4.NF.C.6	Use decimal notation for fractions with denominators 10 and 100
	4.NF.C.7	Compare two decimals to hundredths with $>$, $<$, $=$.
Measurement and Data	4.MD.1	Know relative sizes of measurement within one system of units (km,m,cm,mm; kg,g,mg; l,ml; lb,oz; hr,min,sec;) generate a conversion table
	4.MD.2	Use the 4 operations to solve problems involving distance, intervals of time, liquid volumes, masses, and money, including problems involving simple fractions and decimals
	4.MD.3	Apply area and perimeter formulas for rectangles and shapes formed from multiple rectangles.
	4.MD.B.4	Make a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$)
Geometry	4.G.1	Draw points, lines, line segments, rays, angles, and parallel and perpendicular lines. Identify two-dimensional figures
	4.G.2	Classify 2-dimensional figures based on presence or absence of parallel or perpendicular lines. Recognize types of triangles
	4.G.3	Recognize a line of symmetry for a 2-dimensional figure. Identify line-symmetric figures and draw lines of symmetry.

Angles and Measurement	4.MD.5	Recognize angles are formed by two rays with a common endpoint and understand concepts of angle measurement.
	4.MD.5a	An angle is measured by considering the fraction of the circular arc between the points where 2 rays intersect the circle. An angle that turns through $\frac{1}{360}$ of a circle is a 1 degree angle
	4.MD.5b	An angle that turns through n one-degree is said to have an angle measure of n degrees.
	4.MD.6	Measure angles with a protractor.
	4.MD.7	Recognize angle measurement as additive.