Pineville Elementary
4th Grade Math Continuum

Learning Outcome	Standard(s) for Playlist/Pathways	Suggested Pacing
I can understand how the place value system works with whole numbers.	4.NBT.1	Learning Cycle 1
I can read, write, and compare multi-digit whole numbers	4.NBT.2	
I can determine whether numbers are prime or composite.	4.OA.4	
I can round whole numbers to any place.	4.NBT.3	
I can add/subtract large digit whole numbers. I can solve multi-step word problems involving addition/subtraction.	4.OA.3	
I can understand multiplication as a comparison of equal groups.	4.OA.1	Learning Cycle 2
I can find all factor pairs from 1-100.	4.OA.4	
I can multiply or divide and explain using models to solve real world problems with multiplicative comparison. I can describe the difference between multiplicative and additive comparison.	4.OA.2	
I can multiply large whole numbers (up to 4 x 1) I can multiply two 2-digit numbers.	4.NBT.5	
I can find whole number quotients with remainders (up to 4 x 1)	4.NBT.6	Learning Cycle 3
I can solve real world problems by writing equations with missing numbers and determine reasonableness of my answers.	4.OA.3	
I can use what I know about area and perimeter to solve real world problems.	4.MD.3	
I can identify and draw points, lines, line segments, rays, angles, and perpendicular/parallel lines. I can classify 2-dimensional figures based on what I know about their attributes. I can recognize and identify right triangles. I can recognize and draw lines of symmetry.	4.G.1 4.G.2 4.G.3	Learning Cycle 4
I can understand measurement of angles as referenced to a circle. I can use a protractor to measure angles in whole number degrees. I can solve addition/subtraction real world problems involving angles.	4.MD.5 4.MD.6 4.MD.7	

I can explain and show models for equivalent fractions. **I can compare two fractions using symbols by using reasoning and benchmark fractions.**	4.NF.1 4.NF.2	Learning Cycle 5
I can understand and explain models of improper fractions. I can understand that adding and subtracting fractions are joining or separating parts of the same whole. I can decompose fractions with the same denominator. I can add/subtract mixed numbers with like denominators. I can solve word problems involving adding/subtracting fractions with like denominators.	4.NF.3	
I can multiply a fraction and a whole number. I can solve word problems involving multiplying a fraction by a whole number.	4.NF.4	
I can show equivalent fractions with denominators of 10 or 100. **I can use decimals to show fractions with denominators of 10 or 100.**	4.NF.5 4.NF.6	
I can compare decimals by reasoning about their size.	4.NF.7	
I can show relative sizes of measurements within a given system.	4.MD.1	Learning Cycle 6
I can use four operations to solve real world problems involving measurement, fractions, and decimals.	4.MD.2	
I can make a line plot to display fraction measurements. I can use a line plot with fraction measurements to solve problems.	4.MD.4	
I can create and analyze a number or shape pattern that follows a given rule.	4.OA.5	

Shaded/bold learning outcomes are power standards for grade level