4th Grade Math-Parent Pacing Map

	Unit 1	Unit 2	Unit 3	Unit 4
Title	Place Value and Multi-digit Addition and Subtraction	Multiplication with Whole Numbers	Division with Whole Numbers	Equations and Word Problems
Approx. Length of Unit	5 weeks	6 weeks	4 weeks	4 weeks
Unit Concepts/Big Ideas	*Place value to 1,000,000 *Addition and subtraction with greater numbers	*Multiplication with tens and hundreds *Multiply by one digit numbers *Multiplication with 2 digit numbers *Multiplication with thousands	*Dividing whole numbers *Division issues and word problems	*Reasoning and solving problems *Comparison word problems *Multi-step problems *Analyzing patterns
Focus	Use place value to compare, round, add and subtract multi-digit numbers.	Develop strategies for multiplying one digit numbers by two, three, and four digit numbers. Solve two digit by two digit multiplication.	Adapt methods used for multiplying to division with whole numbers. Interpret quotients and remainders in the context of real world problems.	Write and solve equations for real world problems using the four operations. Find factors and multiples of whole numbers. Identify and extend numerical and geometric patterns.
Unit assessment administered on or before	Sept 22	Nov 3	Dec 7	Jan 25
Unit test or student-parent math letter to go home on or before	Sept 29	Nov 10	Dec 14	Feb 1

	Unit 5	Unit 6	Unit 7	Unit 8
Title	Measurement	Fraction Concepts and Operations	Fractions and Decimals	Geometry
Approx. Length of Unit	3 weeks	4 weeks	4 weeks	4 weeks
Unit Concepts/Big Ideas	*Converting measurements *Perimeter and area	*Fractions with like denominators *Mixed numbers with like denominators *Multiply fractions and whole numbers	*Comparing fractions *Equivalent fractions *Understanding decimals	*Measuring and drawing angles *Triangles and angle measurement *Analyzing quadrilaterals *Analyzing polygons
Focus	Develop understanding of measurement and converting both U.S. and metric units.	Understand and apply basic fraction concepts in addition, subtraction, and multiplication.	Compare fractions and model related fractions, mixed numbers, and decimals.	Classify and draw geometric figures.
Unit assessment administered on or before	Feb 15	Mar 22	Apr 20	May 18
Unit test parent math letter to go home on or before	Feb 24	Mar 29	Apr 27	May 26

**For each unit you can expect your child to bring home data (parent report or the actual assessment) for at least 2 Quick Quizzes and 1 End of Unit Assessment.