3rd Grade Math-Parent Pacing Map 2017-2018

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|  | Unit 1 | Unit 2 | Unit 3 | Unit 7 | Unit 4 |
| Title | Multiplication & Division with 0-5, 9, and 10 | Multiplication & Division with 6s, 7s, 8s, and Multiply with Multiples  of 10 | Measurement, Time,  and Graphs | Explore Fractions | Multi-digit Addition & Subtraction |
| Approx. Length of Unit | 6 weeks | 5 weeks | 5 weeks | 3 weeks | 5 weeks |
| Unit Concepts/Big Ideas | \*Meanings of multiplication & division: 5s and 2s  \*Patterns & strategies  \*Strategies for factors and products: 3s and 4s  \*Multiply with 1 and 0 | \*The remaining multiplication  \*Problem solving and multiples of 10 | \*Length, Capacity, Weight, and Mass  \*Time and date  \*Pictographs, bar graphs, and line plots | \*Fraction concepts  \*Equivalent fractions | \*Understand place value and rounding  \*Addition & subtraction strategies and group to add  \*Ungroup to subtract |
| Focus | Learn different strategies for multiplication & division: how they are related, and use math drawings to solve word problems. | Extension of Unit 1 for 6s, 7s, and 8s | Explore ways to measure things and solve measurement word problems. Create graphs, tables, and line plots. Fluency checks for multiplication and division begin in this unit. | Explore fractions as parts of a whole. Find equivalent fractions and compare fractions. Use understanding of fraction concepts to solve word problems | Review place value and rounding to estimate and check reasonableness of answer. Fluency for addition & subtraction facts and multi-digit addition & subtraction begins. |
| Unit assessment administered on or before | Oct 3 | Nov 8 | Dec 20 | Jan 30 | Mar 19 |
| Unit test or student-parent math letter to go home on or before | Oct 10 | Nov 15 | Jan 10 | Feb 6 | Mar 26 |

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|  | Unit 5 | Unit 6 |
| Title | Write Equations to Solve Word Problems | Polygons, Perimeter, and Area |
| Approx. Length of Unit | 4 weeks | 4 weeks |
| Unit Concepts/Big Ideas | \*Types of word problems  \*Solve two-step word problems | \*Analyzing triangles and quadrilaterals  \*Area and perimeter |
| Focus | Solve addition, subtraction, multiplication and division problems involving unknown addends and factors. | Recognize and describe different quadrilaterals. Develop methods to find area and perimeter. |
| Unit assessment administered on or before | Apr 18 | May 21 |
| Unit test parent math letter to go home on or before | Apr 25 | May 25 |

\*\*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.