2018-2019 Grade 4 Year at a Glance

Quarter 1 Sept 5- Nov 9 **44 days**	Quarter 2 Nov 13- Jan 25 **46 days**	Quarter 3 Jan 28-Apr 5 **47 days**	Quarter 4 Apr 8 - Jun 15 **41 days**
Unit 1 Arrays, Factors, and Multiplicative Comparison **Multiplication and Division 1** 12 **Unit 2** Generating & Representing **Data Modeling with Data** 7 **Unit 3** Multiple Towers and Cluster Problems **Multiplication and Division 2** 18 **37 sessions** *refer to pacing guide	**Unit 4** Measuring and Classifying Shapes **2-D Geometry and Measurement** 15 **Unit 5** Large Numbers and Landmarks **Addition Subtraction & the Number System** 19 **Unit 6** Fraction Cards and Decimal Grids – begin after mid-term 1.1, 1.2, 1.3 & 1.4 **38 sessions** *refer to pacing guide	*Unit 6* Fraction Cards and Decimal Grids **Fractions and Decimals** 20 • lessons in unit 6 that cover decimal fractions can be modified and taught in the 4th quarter (posttest) **Unit 7** How Many Packages and Groups? **Multiplication and Division 3** 18 (Note: Benchmarked in Q4) **38 sessions** *refer to pacing guide	**New York State Math Test 5/1-5/3** **Unit 8** Penny Jars and Towers **Analyzing Patterns and Rules** 10 *Unit 6 – Decimal Fractions* **10 sessions** *refer to pacing guide
Quarter 1 Report Card Objectives Use multiplication to solve multiplicative comparison problems. Determine whether numbers up to 100 are prime or composite. Find factors of numbers up to 100 and recognize multiples of 1-digit numbers Use a line plot to organize, represent, and analyze measurement data. Multiply 2-digit numbers by 1-digit and small 2-digit numbers. Solve up to 3-digit division problems by 1- digit numbers with remainders. Multiply number by a multiple of 10.	**Quarter 2 Report Card Objectives** Determine the perimeter and area of rectangles. Draw and identify lines and angles including parallel and perpendicular lines. Add or subtract angles to determine the size of angles. Read, write, and compare numbers up to 1,000,000 and round them to any place. Use addition and subtraction to solve word problems involving measurement.	**Quarter 3 Report Card Objectives** Compare fractions with like and unlike denominators. Add and subtract fractions and mixed number with like denominators. Multiply a fraction by a whole number. Add tenths and hundredths. Compare and order decimals to hundredths by reasoning about their size.	**Quarter 4 Report Card Objectives** Multiply two 2-digit numbers and up to a 4-digit number by a 1-digit number. Solve division problems with up to 4-digit dividends and 1-digit divisors. Solve measurement and conversion problems Generate and analyze number patterns that follows a given rule. Solve multi-step word problems using the four operations.