Fourth Grade Matrix   Quarter 1 (September 5th – November 9th)   Math

Unit Name	Investigations	Sessions	Main Math Ideas	Assessments
UNIT 1 –ARRAYS, FACTORS, AND MULTIPLICATIVE COMPARASION *Multiplication and Division 1*	**1-2**	**12** **Approx. 12-14 days**		**Checklists, Games Quizzes and Unit Test**
4.OA.A.1 Interpret a multiplication equation as a comparison **4.OA.A.2** Multiply or divide to solve word problems involving multiplicative comparison **4.OA.B.4** Find all factor pairs for a whole number in the range 1–100 **4.NBT.B.5** Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers **4.NBT.B.6** Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors **4.MD.B.4** Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8)	**1- Representing Multiplication with Arrays** **2- Finding Factors**	**1.1 – 1.8** **2.1 -2.4**	**Visualizing multiplication** **Reasoning about numbers and their multiples and factors** **Solving multiplicative comparison problems** **Visualizing multiplication** **Reasoning about numbers and their multiples and factors**	**BEGINNING OF YEAR TEST** **A1 Assessment Checklist Sessions 1.5 and 1.6** **Quiz 1 A2 Session 1.7** **A3 Marbles and Prime Numbers Session 1.8** **A4 Assessment Checklist Sessions 2.1 and 2.2** **Quiz 2 A5 Session 2.3** **A6 Factors of 36 Session 2.4** **UNIT 1 TEST**