Fourth Grade **Quarter 1** **Math Matrix**

Unit Name	Investigations	Sessions	Main Math Ideas	Assessments
UNIT 3 - MULTIPLE TOWERS AND CLUSTER PROBLEMS *Multiplication and Division 2*	**1-3**	**14** **Approx. 14-15 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.A.3** Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations **4.OA.B.4** Find all factor pairs for a whole number in the range 1–100. Recognize that a whole number is a multiple of each of its factors. **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, using strategies based on place value **4.MD.B**. Make a line plot to display a data set of measurements in fractions of a unit	**1- Breaking Apart Multiplication Problems** **2- Solving Division Problems** **3- Strategies for Multiplication**	**1.1 - 1.5** **2.1 – 2.6** **3.1- 3.7**	**Solving multiplication problems with 2-digit numbers** **Understanding the meaning and structure of multiplication and division** **Solving multiplication problems with 2-digit numbers** **Understanding and using the relationship between multiplication and division to solve division problems** **Understanding the meaning and structure of multiplication and division** **Solving multiplication problems with 2-digit numbers** **Understanding and using the relationship between multiplication and division to solve division problems** **Understanding the meaning and structure of multiplication and division**	**A15 Assessment Checklist, Sessions 2.2 and 2.3** **Quiz 1 A16 Session 2.5** **A17 Writing and Solving a Division Problem Session 2.6** **A18 Assessment Checklist, Sessions 3.4 and 3.5** **Quiz 2 A19 Session 3.6** **A20-21 Solving Multiplication and Division Problems Session 3.7** **UNIT 3 TEST**