

Unit Name	Investigations	Sessions	Math Main Ideas	Assessments
<p><b>UNIT 1 –UNDERSTANDING EQUAL GROUPS</b> <i>Multiplication and Division 1</i></p>	<p>1-4</p>	<p>23</p>		<p>Assessment Activities, Quizzes and Unit Test</p>
<p>3.OA.A.1 Interpret products of whole numbers</p> <p>3.NBT.A.2 Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.</p> <p>3.OA.A.3 Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities</p> <p>3.MD.A.2 Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units</p> <p>3.OA.A.4 Determine the unknown whole number in a multiplication or division equation relating three whole numbers.</p> <p>3.OA.D.9 Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations.</p> <p>3.OA.D.8 Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.</p> <p>3.NF.A.1 Understand a fraction <math>1/b</math> as the quantity formed by 1 part when a whole is partitioned into <math>b</math> equal parts; understand a fraction <math>a/b</math> as the quantity formed by <math>a</math> parts of size <math>1/b</math>.</p> <p>3.NF.A.1 Understand a fraction <math>1/b</math> as the quantity formed by 1 part when a whole is partitioned into <math>b</math> equal parts; understand a fraction <math>a/b</math> as the quantity formed by <math>a</math> parts of size <math>1/b</math>.</p>	<p>1 – THINGSTHAT COME IN GROUPS</p> <p>2 – SKIP COUNTING AND 100 CHARTS</p> <p>3- ARRAYS</p> <p>4- UNDERSTANDING DIVISION</p>	<p>1.1- 1.4</p> <p>2.1-2.6</p> <p>3.1-3.7</p> <p>4.1-4.6</p>	<p>Understanding the meaning of multiplication</p> <p>Understanding the meaning of multiplication</p> <p>Learning the multiplication facts</p> <p>Understanding the meaning of multiplication</p> <p>Learning the multiplication facts</p> <p>Understanding and working with an array/area model of multiplication</p> <p>Understanding the meaning of multiplication</p> <p>Learning the multiplication facts</p> <p>Developing strategies for division based on understanding the inverse relationship between multiplication and division.</p>	<p>A1 Solving Problems About Our Pictures (1.4)</p> <p>A3 Counting Around the Class (2.5)</p> <p>Quiz 1 A4-A5 (2.6)</p> <p>Quiz 2 A7-A8 (3.7)</p> <p>A9 Multiplication Facts (4.4)</p> <p>Quiz 3 A10-A11 (4.5)</p> <p>A12 Multiplication and Division (4.6)</p> <p><b>UNIT 1 TEST</b></p>