

Unit Name	Investigations	Sessions	Math Main Ideas	Assessments
UNIT 5 - CUBE PATTERNS, ARRAYS, AND MULTIPLES OF 10 Multiplication and Division 2	1-2	11		Assessment Activities, Quizzes and Unit Test
3.OA.A.1 -Interpret products of whole numbers, e.g., interpret 5×7 as the total number of objects in 5 groups of 7 objects each 3.OA.A.2 -Interprete whole number quotients of whole numbers 3.OA.A.3 -Use multiplication and division within 100 to solve word problems	1 – RELATIONSHIPS BETWEEN MULTIPLICATION AND DIVISION	1.1-1.5	Understanding the meaning and structure of multiplication and division and the relationship between them	

3.OA.A.4-Determine the unknown whole number in a multiplication or division equation relating three whole numbers.

3.OA.A.5-Apply properties of operations as strategies to multiply and divide

3.OA.A.6-Understand division as an unknown factor problem

3.OA.C.7-Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division.

3.OA.D.9-Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations

3.NBT.A.1Use place value understanding to round whole numbers to the nearest ten or hundred

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.

3.MD.C.7-Relate area to the operations of multiplication and addition.

2-SOLVING MULTIPLICATION AND DIVISION PROBLEMS

2.1-2.6

Solving multiplication and division problems, including multi-step problems and problems with multiple solutions

Understanding the meaning and structure of multiplication and division and the relationship between them

Solving multiplication and division problems, including multi-step problems and problems with multiple solutions

Learning multiplication facts

Quiz 1 A50-A51 (2.5)

A52 Multiplication
and Division
Problems (2.6)

UNIT 5 TEST to be
given in quarter 3