

MATHEMATICS

Grade 2 Mathematics

Unit 1: Place Value and Number Sense

- 1.1. Understanding place value up to 1000
- 1.2. Reading, writing, and comparing three-digit numbers
- 1.3. Skip counting (by 5s, 10s, and 100s)
- 1.4. Rounding numbers to the nearest 10 and 100

Unit 2: Addition and Subtraction within 100

- 2.1. Review of basic addition and subtraction concepts
- 2.2. Strategies for adding and subtracting two-digit numbers
- 2.3. Solving word problems involving addition and subtraction
- 2.4. Understanding and using the properties of addition (commutative, associative, and identity)

Unit 3: Introduction to Multiplication

- 3.1. Understanding the concept of multiplication as repeated addition
- 3.2. Creating and using arrays to represent multiplication
- 3.3. Multiplication facts for 2, 5, and 10
- 3.4. Solving word problems involving multiplication

Unit 4: Geometry and Fractions

- 4.1. Identifying and describing 2D shapes (including polygons such as hexagons and octagons)
- 4.2. Identifying and describing 3D shapes (including pyramid and rectangular prism)
- 4.3. Partitioning shapes into equal parts and understanding the concept of fractions (halves, thirds, and fourths)
- 4.4. Recognizing and drawing lines of symmetry

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Unit 5: Measurement

5.1. Measuring and estimating lengths using standard units (inches, feet, centimeters, and meters)

5.2. Using addition and subtraction to solve measurement word problems

5.3. Telling and writing time to the nearest 5 minutes

5.4. Counting and using money (coins and bills)

Unit 6: Data Analysis

6.1. Collecting, organizing, and representing data using bar graphs, picture graphs, and line plots

6.2. Analyzing and interpreting data to answer questions and solve problems

