



MATHEMATICS YEAR-III

Number Sense & Place Value

- Understanding and representing numbers up to 10,000
- Counting forward and backward in multiples of 10, 100, and 1000
- Comparing and ordering numbers up to 10,000
- Identify the numeral that comes before, between or after
- Order numbers from least to greatest and greatest to least
- Understanding place value up to 10,000 (thousands, hundreds, tens, and ones)
- Identifying and writing numbers in standard and expanded form

Addition & subtraction

- Adding and subtracting multi-digit numbers up to 10,000 using various strategies (e.g., mental math, regrouping)
- Solving word problems involving addition and subtraction with numbers up to 10,000
- Estimating sums and differences
- Understanding the inverse relationship between addition and subtraction
- Applying addition and subtraction to solve real-life problems

Multiplication & Division

- Multiplying multi-digit numbers by one-digit and two-digit numbers
- Understanding and applying the distributive property
- Learning multiplication facts up to 12×12
- Dividing numbers up to 10,000 by one-digit divisors with and without remainders
- Solving word problems involving multiplication and division
- Exploring patterns in multiplication and division tables

Measurement and Data

- Converting between different units of length, weight, and capacity (e.g., kilometers to meters, grams to kilograms)
- Reading and interpreting data from tables, line plots, and charts
- Collecting and organizing data using surveys and experiments
- Solving problems involving perimeter, area, and volume

Geometry

- Identifying and classifying 2D shapes (quadrilaterals, pentagons, hexagons) based on their attributes
- Understanding angles as measures of turns and rotations
- Identifying and classifying angles as acute, obtuse, right, or straight
- Recognizing lines of symmetry in 2D shapes
- Exploring properties of 3D shapes (cubes, rectangular prisms, cylinders)
- Describing and comparing the attributes of 2D and 3D shapes



Fractions

- Model and write numerical fractions
- Compare two fractions with like denominators using greater than, less than or equal to
- Compare two fractions with unlike denominators represented by shaded regions
- Find a fraction of a number
- Add fractions with like denominators
- Model and write a mixed number