

SYLLABUS 2024-2025

Class : 3

Subject : MATHEMATICS

Book : FOUNDATION MATHEMATICS FOR PRIMARY CLASS-3

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Term 1

1. Numbers and Place Value up to 9999

- Skip Counting
- Place Value
- Number Names
- Comparing Numbers
- Ordering Numbers
- Successor and Predecessor
- Forming Numbers using given set of digits with and without repeating digits

2. Addition of Numbers up to 3-Digit

- Addition of Numbers (with and without carry over)
- Number Line
- Split method
- Dienes block representation
- Properties of Addition

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- Standard algorithm
- Estimation of Sum
- Word Problems

Term 2

1. Subtraction of Numbers up to 3-digit

- Dienes block representation
- Properties of Subtraction
- Subtraction (without and with borrowing)
- Subtraction Across Zeroes
- Estimation of Difference
- Word Problems

2. Addition and Subtraction

- Analyze and apply appropriate number operation

3. Multiplication of a number up to 3-digit by a number up to 2-digit

- Forming tables of 11 to 15
- Properties of Multiplication
- Multiplication with and without regrouping
- Standard Algorithm
- Box method
- Lattice method
- Estimation of product
- Word Problems

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Term 3

1. Division of numbers up to 3-digit by 1-digit (using Tables 2 to 9)

- Concept of equal sharing
- Division as Repeated Subtraction
- Relation between Division and Multiplication
- Properties of Division
- Division without Remainder
- Word Problems
- Division verification
- Divisibility Rules of 2,3,4,5,6,9 and 10

2. Money

- Expressing Money in Words and Numbers
- Addition and Subtraction of Money
- Simple Money Bills

3. Geometry

- Draw different shapes on a dotted grid
- Draw different shapes using tangram
- Compare properties of two given shapes
- Tessellation - Tiling a given region using a given shape
- Identify the shapes that can be or cannot be tiled together
- 3D Shapes

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Term 4

1. Measurement

Length

- Concept of length, height, depth, width, and distance
- Conversion of units of length
- Usage of appropriate units of length in relation to real life
- Relationship between Different Units of Length

Weight

- Concept of weight
- Conversion of units Weight
- Usage of appropriate units of weight in relation to real life
- Relationship between different units of weight

Capacity

- Concept of capacity
- Conversion of units of capacity
- Usage of appropriate units of capacity in relation to real life
- Measurement and comparisons of different capacities

2. Time

- Conversion of Units of time (half, quarter and nearest to five minutes)
- Conversion to 12 hour and 24- hour clock
- Conversion of days to hours and hours to minutes

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3. Data Handling

- Classification and comparison of data
- Interpret and analyze a pictograph

4. Patterns

- Observe, identify, and extend a given pattern

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