

## SYLLABUS 2021-2022

**Class : 3**  
**Subject : MATHEMATICS**  
**Book : FOUNDATION MATHEMATICS FOR PRIMARY CLASS-3**  
**Publisher : GOYAL BROTHERS PRAKASHAN**

### 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**

- Properties of Addition
- Addition of Numbers (with and without carry over)
- Number Line
- Standard algorithm
- Split method
- Estimation of Sum
- Word Problems

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## Term 2

### **1. Subtraction of Numbers up to 3-digit**

- 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. 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
- Draw 2D shapes using 3 D objects

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

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

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## 5. Money

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

## Term 3

### 1. Patterns

- Observe, Identify and Extend A Given Pattern With A Unit Of Repeat

### 2. Data Handling

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

### 3. 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

## Term 4

### 1. Length

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

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## 2. Weight

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

## 3. Capacity

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

## 4. Time

- Conversion of Units 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
- Read a correct day and date on a calendar

## 5. Number and Place Value 99,999

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