

## SYLLABUS 2019-2020

**Class** : 2  
**Subject** : Mathematics  
**Book** : Foundation Mathematics for Primary Classes-2  
**Publisher** : Goyal Brothers Prakashan

### TERM 1

#### Place Value

- Place Value and Face Value (1- 999)

#### Numbers upto 999

- Read and write numerals (1 – 999)
- Number Names (1- 999)
- Before, after and between (1 – 999)
- Comparison of numbers ( $>$ ,  $<$ ,  $=$ ) (1 – 999)
- Ascending and descending order (1 – 999)
- Form the greatest and the smallest numbers with and without repetition of the given digits
- Tables 2 to 10

### TERM 2

#### Addition

- Addition of two digit numbers with and without regrouping
- Horizontal Addition
- Standard algorithm
- Split method
- Commutative property of addition
- Addition of 0 to a number up to 99
- Estimation of the sum between two given numbers
- Word Problems
- Framing of word problem

#### Subtraction

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- Subtraction of two digit numbers with and without regrouping
- Horizontal Subtraction
- Subtraction of 0 from a number
- Standard algorithm
- Estimation of the difference between two given numbers
- Word Problems
- Framing of word problem

### TERM 3

#### **Multiplication**

- Construction of multiplication tables 2 to 5(using array method and repeated addition)
- Skip Counting
- Horizontal Multiplication
- Multiplication of two digit numbers by one digit(using Napier strips)
- Word Problems

#### **Division**

- Concept of equal sharing
- Division as repeated subtraction

#### **Geometry**

- Identify 3-D shapes like cuboid, cube, cone, cylinder and sphere by their names
- Draw 2 D Shapes using 3D objects
- Identify 2-D shapes like rectangle, square, triangle and circle by their names
- Attribute of a 2 D and 3D shapes
- Distinguish between straight and curved line
- Draw horizontal and straight lines

### TERM 4

#### **Measurement**

- Estimate and measure length/distance using uniform non standard units
- Compare two or more objects by their weights as heavier than or lighter than
- Use of simple balance to compare weights
- Order containers based on the perception of their capacities and verifying them

#### **Data Handling**

- Interpret simple charts and graph
- Present information with pictograph

#### **Patterns**

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- Observe, extend and create patterns using different objects, shapes and numbers as a unit of repeat in a given pattern.

### Number Operations

- Addition of 3- digit numbers with and without regrouping( upto 999)
- Subtraction of 3 digit numbers with and without borrowing
- Multiplication of 3 digit numbers by single digit
- Division of 2 digit number by single digit without remainder

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