

SYLLABUS 2021-2022

Class : 2

Subject : MATHEMATICS

Book : FOUNDATION MATHEMATICS FOR PRIMARY CLASS-2

Publisher : GOYAL BROTHERS PRAKASHAN

Term 1

1. Place Value

- Place Value and Face Value (1- 999)

2. 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

3. Tables 2 to 10

Term 2

1. Addition

- Addition of two digit numbers with and without regrouping
- Horizontal Addition
- Standard algorithm
- Split method
- Commutative property of addition

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- Addition of 0 to a number up to 99
- Estimation of the sum between two given numbers
- Word Problems
- Framing of word problem

1. Subtraction

- 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

1. 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

2. Division

- Concept of equal sharing
- Division as repeated subtraction

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3. 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

1. 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

2. Data Handling

- Interpret simple charts and graph
- Present information with pictograph

3. Patterns

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

4. Number Operations

- Addition of 3- digit numbers with and without regrouping(upto 999)
- Subtraction of 3 digit numbers with and without borrowing

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- Multiplication of 3 digit numbers by single digit
- Division of 2 digit number by single digit without remainder

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