

SYLLABUS 2019-2020

Class : 3

Subject : Mathematics

Book : Foundation Mathematics for Primary Classes-3

Publisher : Goyal Brothers Prakashan

TERM 1

Numbers and Place Value up to 9999

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

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

Subtraction of Numbers upto 3-digit

- Properties of Subtraction
- Subtraction (without and with borrowing)
- Subtraction Across Zeroes
- Estimation of difference
- Word Problems

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TERM 2

Addition and Subtraction

- Analyze and apply appropriate number operation

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

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

Money

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

TERM 3

Data Handling

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

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Patterns

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

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 with and without Remainder
- Word Problems
- Division verification

Term 4

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
- Conversion of units

Weight

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

Capacity

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

Time (Half, Quarter and Nearest to Five Minutes)

- Conversion to 12 hour and 24 hour clock

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- Conversion of days to hours and hours to minutes
- Read a correct day and date on a calendar

Numbers and Place Value Upto 99999

- Place Value
- Number Names

Number Operations on 5-digit numbers

- Addition and subtraction of numbers up to 5-digit
- Multiplication and division of numbers using tables of 11 to 15

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