

## CBSE Class 2 Maths Syllabus

### Geometry (13 hrs.)

#### a) Shapes and Spatial Understanding

##### 3-D and 2-D shapes

- Observes objects in the environment and gets a qualitative feel for their geometrical attributes.
- Identifies the basic 3-D shapes such as cuboid, cylinder, cone, sphere by their names.
- Traces the 2-D outlines of 3-D objects.
- Observes and identifies these 2-D shapes.
- Identifies 2-D shapes viz., rectangle, square, triangle, circle by their names.
- Describes intuitively the properties of these 2-D shapes.
- Identifies and makes straight lines by folding, straight edged objects, stretched strings and draws free hand and with a ruler.
- Draws horizontal, vertical and slant lines (free hand).
- Distinguishes between straight and curved lines.
- Identifies objects by observing their shadows.

### Numbers (46 hrs.)

- Reads and writes numerals for numbers up to ninety-nine.
- Expands a number with respect to place values.
- Counts and regroups objects into tens and ones.
- Uses the concept of place value in the comparison of numbers.
- Counts in various ways:
  - Starting from any number.
  - Group counting etc.
- Arranges numbers upto hundred in ascending and descending order.
- Forms the greatest and the smallest two digit numbers with and without repetition of given digits.

- Indicates and identifies the position of an object in a line.

### **a) Addition and Subtraction**

- Adds and subtracts two digit numbers by drawing representations of tens and ones without and with regrouping.
- Adds zero to a number and subtracts zero from a number.
- Observes the commutative property of addition through patterns.
- Solves addition, subtraction problems presented through pictures and verbal description.
- Describes orally the situations that correspond to the given addition and subtraction facts.
- Estimates the result of addition and subtraction and compares the result with another given number.

### **b) Preparation for Multiplication And Division**

- Discussion of situations involving repeated addition and situations involving equal sharing.
- Activities of making equal groups.

### **c) Mental Arithmetic**

- Adds and subtracts single-digit numbers mentally.
- Adds and subtracts multiples of ten mentally.

## **Money (3 hrs.)**

- Identifies currency - notes and coins.
- Puts together amounts of money not exceeding Rs 50/-.
- Adds and subtracts small amounts of money mentally.
- Transacts an amount using 3-4 notes.

## Measurement (13 hrs.)

### a) Length

- Measures lengths & distances along short & long paths using uniform (non-standard) units, extends to longer lengths.

### b) Weight

- Compares two or more objects by their weight.
- Appreciates the need for a simple balance.
- Compares weights of given objects using simple balance.

### c) Capacity (Volume)

- Compares and orders containers in terms of internal volume(capacity).
- Orders given containers as per their capacities on the basis of perception & verifies by pouring out etc.

### d) Time

- Gets familiar with the days of the week and months of the year.
- Gets a feel for sequence of seasons (varying locally).
- Sequences the events occurring over longer periods in terms of dates/days.

## Data Handling (6 hrs.)

- Collects data through measurement.
- Represents the data followed by discussion (e.g. heights of children).
- Collects and presents the data on birthdays.
- Draws inferences from the data at the appropriate level.

## Patterns (10 hrs.)

- Observes and extends patterns in sequence of shapes and numbers.
- Searches for patterns in different ways of splitting a number.
- Creates block patterns by stamping thumbprints, leaf prints, vegetable prints, etc.
- Creates patterns of regular shapes by stamping.