

## **CBSE Class 1 Syllabus for Maths 2023-24**

### **Geometry (10 hrs.)**

#### **SHAPES & SPATIAL UNDERSTANDING**

- Develops and uses vocabulary of spatial relationship (Top, Bottom, On, Under, Inside, Outside, Above, Below, Near, Far, Before, After) SOLIDS AROUND US
- Collects objects from the surroundings having different sizes and shapes like pebbles, boxes, balls, cones, pipes, etc.
- Sorts, Classifies and describes the objects on the basis of shapes, and other observable properties.
- Observes and describes the way shapes affect movements like rolling and sliding.
- Sorts 2 - D shapes such as flat objects made of card etc

### **Numbers (46 hrs.)**

#### **DEVELOPING A SENSE OF NUMBERNESS, COUNTING AND OPERATIONS OF NUMBERS 1 - 9 AND ZERO**

- Observes object and makes collections of objects.
- Arranges the collection of objects in order by – Matching and – One to one correspondence
- Counts the number of objects in a collection.
- Makes collection of objects corresponding to a specific number.
- Recognises and speaks numbers from 1 to 9.
- Uses numbers from 1 to 9 in counting and comparison. (Real objects and repeated events like clapping to be used for counting)
- Reads and writes numerals from 1 to 9.
- Adds and subtracts using real objects and pictures.
- Adds and subtracts the numbers using symbols '+' and '-'. • Approaches zero through the subtraction pattern (such as  $3 - 1 = 2$ ,  $3 - 2 = 1$ ,  $3 - 3 = 0$ ).

#### **NUMBERS FROM (10 - 20)**

- Forms Number sequence from 10 to 20.
- Counts objects using these numbers.
- Groups objects into a group of 10s and single objects.
- Develops the vocabulary of group of 'tens' and 'ones'.

- Shows the group of tens and ones by drawing.
- Counts the number of tens and ones in a given number.
- Writes the numerals for eleven to nineteen.
- Writes numerals for ten and twenty.
- Compares numbers upto 20. ADDITION AND SUBTRACTION (UPTO 20)
- Adds and subtracts numbers upto 20. NUMBERS FROM 21 - 99
- Writes numerals for Twenty-one to Ninety nine. · Groups objects into tens and ones.
- Draws representation for groups of ten and ones.
- Groups a number orally into tens and ones.

### **MENTAL ARITHMETIC**

- Adds two single digit numbers mentally.

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

- Identifies common currency notes and coins.
- Puts together small amounts of money.

### **Measurement (13 hrs.)**

#### **LENGTH**

- Distinguishes between near, far, thin, thick, longer/taller, shorter, high, low.
  - Seriates objects by comparing their length.
  - Measures short lengths in terms of non-uniform units (in the context of games e.g. ‘Gilli Danda’ and ‘marble games’).
  - Estimates distance and length, and verifies using nonuniform units (e.g. hand span etc.)
- #### **WEIGHT**
- Compares between heavy and light objects.
  - Time
  - Distinguishes between events occurring in time using terms -earlier and later.
  - Gets the qualitative feel of long & short duration, of school days v/s holidays.
  - Narrates the sequence of events in a day.

### **Data Handling (6 hrs.)**

- Collects, represents and interprets simple data such as measuring the arm length or circumference of the head using a paper strip.

### **Patterns (10 hrs.)**

- Describes sequences of simple patterns found in shapes in the surroundings and in numbers, e.g. stamping activity using fingers and thumb.
- Completes a given sequence of simple patterns found in shapes in the surroundings and in numbers.

