CBSE Class 3 Syllabus for Maths
2023-24

Geometry (16 hrs.)

SHAPES & SPATIAL UNDERSTANDING

• Creates shapes through paper folding, paper cutting.

• Identifies 2-D shapes

• Describes the various 2-D shapes by counting their sides, corners and diagonals.

• Makes shapes on the dot-grid using straight lines and curves.

• Creates shapes using tangram pieces.

• Matches the properties of two 2-D shapes by observing their sides and corners (vertices).

• Tiles a given region using a tile of a given shape.

• Distinguishes between shapes that tile and that do not tile.

• Intuitive idea of a map. Reads simple maps (not necessarily scaled) • Draws some 3D-objects

Numbers (42 hrs.)

NUMBER SEQUENCE UPTO 1000

• Reads and writes 3-digit numbers.

• Expands a number w.r.t. place values.

• Counts in different ways - starting from any number.

• Compares numbers.

• Forms greatest and smallest numbers using given digits.

ADDITION AND SUBTRACTION

• Adds and subtracts numbers by writing them vertically in the following two cases: – without regrouping. – with regrouping.

• Uses the place value in standard algorithm of addition and subtraction.

• Solves addition and subtraction problems in different situations presented through pictures and stories.

• Frames problems for addition and subtraction facts. • Estimates the sum of, and difference between, two given numbers.

MULTIPLICATION

• Explains the meaning of multiplication (as repeated addition).

• Identifies the sign of multiplication.

• Constructs the multiplication tables of 2, 3, 4, 5 and 10

• Uses multiplication facts in situations.

• Multiplies two digit numbers using standard algorithm and Lattice multiplication algorithm.

DIVISION

• Explains the meaning of division from context of equal grouping and sharing.

• Relates division with multiplication.

• Completes division facts: – by grouping – by using multiplication tables.

MENTAL ARITHMETIC

• Adds and subtracts single digit numbers and two digit numbers mentally.

• Doubles two digit numbers mentally (result not exceeding two digits).

Money (5 hrs.)

• Converts Rupee. to Paise using play money.

• Adds and subtracts amounts using column addition, and subtraction without regrouping.

• Makes rate charts and bills.

Measurement (21 hrs.)

LENGTH

• Appreciates the need for a standard unit.

• Measures length using appropriate standard units of length by choosing between centimetres. and metres.

• Estimates the length of given object in standard units and verifies by measuring.

• Uses a ruler

• Relates centimetre. and metre

WEIGHT

• Weighs objects using non standard Units.

• Appreciates the conservation of weight.

VOLUME

• Measures and compares the capacity of different containers in terms of non-standard units.

• Appreciates the conservation of volume.

TIME

• Reads a calendar to find a particular day and date.

• Reads the time correct to the hour.

• Sequences the events chronologically

Data Handling (6 hrs.)

• Records data using tally marks.

• Collects data and represents in terms of pictograph choosing appropriate scale and unit for display through pictographs.

• Draws conclusions from the data by discussing with the teacher.

Patterns (6 hrs.)

• Identifies simple symmetrical shapes and patterns.

• Makes patterns and designs from straight lines and other geometrical shapes.

• Identifies patterns in the numerals for odd and even numbers and in adding odd and even numbers.

• Partitions a number in different ways.

• Identifies patterns in his surroundings

• Identifies patterns in multiplication with, and dividing by 10s.