MATHS SYLLABUS

Class – 3

3rd Class Maths Syllabus – An Overview

Class 3 Maths Syllabus is designed by subject experts associated with the board to make students learn and understand the subject effectively. Students are suggested to follow the CBSE Class 3 Syllabus for their exam preparation strictly. To download the CBSE Maths syllabus for Class 3 students.

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Chapter – 1 (Geometry)

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.

Chapter – 2 (Numbers)

- Reading and Writing 3-digit numbers.

- Expanding a number with respect to place values.

- Counting in different ways starting from any number.

- Comparing numbers.

- Forming greatest and smallest numbers using the given digits.

Chapter – 3 (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.

Chapter – 4 (Multiplication)

- Explaining the meaning of multiplication as repeated addition.

- Identifying the sign of multiplication and constructing multiplication tables of 2, 3, 4, 5 and 10.

- Using multiplication facts in situations.

- Multiplying two-digit numbers using the standard algorithm and Lattice multiplication algorithm.

Chapter – 5 (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.

Chapter – 6 (Mental Arithmetic)

- Adding and subtracting single-digit numbers and two-digit numbers mentally.

- Doubling two-digit numbers mentally in which the sum should not go beyond two digits.

Chapter – 7 (Money)

- Converts Rupee. to Paise using play money.

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

- Makes rate charts and bills.

Chapter – 8 (Measurement)

- Measurement of Length: Estimating and comparing the length of objects, Distinguishing between near, far, thin, thick, longer/taller, shorter, high, and low. Measuring short lengths in terms of non-uniform units

- Measurement of Weight: Understanding units of weight, Comparing heavy and light objects.

- Measurement of Capacity

- Comparing weight and capacity

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

Chapter – 9 (Time)

- Reading a calendar to find a particular day and date.

- Reading the time correct to the hour.

- Sequencing the events chronologically.

- Distinguishing events happening at different times using terms like earlier/later

- Understanding the qualitative feel of long & short duration, of school days v/s holidays

Chapter – 10 (Pattern)

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.