

Maths Syllabus

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.

