

MATHS SYLLABUS

An overview

Studying the class 2 maths syllabus helps students to have a clear understanding of previously studied concepts and skills. It focuses on working with bigger numbers and advanced concepts related to geometry, arithmetic, and numbers. The class 2 maths syllabus covers the basic operations of two-digit addition or subtraction which shifts to a bit complicated level of word problems. This helps the students to interpret and understand these computational methods in order to apply them in different scenarios.

Class 2 Maths syllabus is proficient in facilitating analytical growth and primary skills in students. The maths syllabus of class 2 comprises of topics like shapes, numbers, addition, subtraction, and more. Some of the skills to develop in class 2 maths are based on the following topics:

Chapter – 1 (Numbers)

- Reading and writing numerals for numbers 1 to 99.
- Expanding a number to place values of ones and tens.
- Counting and regrouping objects into groups of tens and ones.
- Arranges numbers up to a 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.

Topics :-

- (i) Odd And Even Numbers
- (ii) Numbers On The Abacus
- (iii) Numbers 21 - 100 On The Abacus
- (iv) Digit Numbers
- (v) Before / After / Between
- (vi) Expanded Form
- (vii) Place Value
- (viii) Greater Than / Smaller Than

Chapter – 2 (ADDITION AND SUBTRACTION)

- Solves addition, and 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.
- Estimating the result of addition and subtraction and comparing the result with another given number.
- Building a base for multiplication and division.
- Activities of making equal groups.

Topics :-

- (i) Properties Of Addition - Adding Two Numbers
- (ii) Properties Of Addition - Adding Three Numbers
- (iii) Adding Three Numbers
- (iv) Adding Three 2 - Digit Numbers
- (v) Adding Digit Numbers With Carry
- (vi) Adding Digit Numbers With Carry
- (vii) Subtracting Digit Numbers With Borrowing
- (viii) Addition And Subtraction

Chapter – 3 (PREPARATION FOR MULTIPLICATION AND DIVISION)

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

Topics :-

- (i) Multiplication Tables
- (ii) Properties Of Multiplication
- (iii) Division – Concept
- (iv) Division And Multiplication Are Related

(v) Division Using Multiplication Tables

(vi) Properties Of Division

Chapter – 4 (MENTAL ARITHMETIC)

- Adding and subtracting single-digit numbers mentally.
- Adding and subtracting multiples of ten mentally.

Chapter – 5 (Geometry)

Fundamental understanding of necessary 2D shapes and 3D shapes, including cuboid, cylinder, cone, sphere, etc. This topic primarily involves :-

Topics :-

- Observes objects in the environment and get a qualitative feel for their geometrical attributes.
- Identifies the basic 3-D shapes such as cuboid, cylinder, cone, and sphere by their names.
- Traces the 2-D outlines of 3-D objects.
- Observes and identify these 2-D shapes.
- Identifies 2-D shapes viz., rectangle, square, triangle, and circle by their names.
- Describes intuitively the properties of these 2-D shapes.

Chapter – 6 (Money)

Adding and subtracting small amounts mentally.

Understand the transaction of an amount using 2-3 notes.

Puts together amounts of money not exceeding Rs 50/-.

Topics :-

(i) Indian Money

(ii) Changing Money

(iii) Conversion Of Rupees To Paise

(iv) Conversion Of Paise To Rupees

(v) Addition Of Money

(vi) Subtraction Of Money

Chapter – 7 (Measurement)

Estimating distance and length. Sorting objects based on their lengths and distinguishing between longer, shorter, near, far, thick, thin, high and low.

Comparing heavy and light objects. Understand the need for a simple balance and use it for comparing weights

Length

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

Weight

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

Topics :-

(i) Length

(ii) Measuring Length

(iii) Measuring Line Segments

(iv) Converting Metres And Centimetres

(v) Addition Of Length

(vi) Subtraction Of Length

(vii) Measuring Weight

(viii) Addition And Subtraction Of Weight

(ix) Measuring Quantity Of Liquid

(x) Addition And Subtraction Of Volume

Chapter – 8 (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.

Topics :-

(i) The Clock

(ii) The Calendar

Chapter – 9 (Patterns)

- Observes and extend patterns in the 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.

Chapter – 10 (Fraction)

(i) Half

(ii) Quarter Or One – Fourth

(iii) Three - Quarters Or Three – Fourths

(iv) One – Third