

SYLLABUS

MATHEMATICS – CLASS 3

The syllabus is designed as per the concepts and learning abilities of Class 3 students.

UNIT 1: NUMBERS AND NUMBER SENSE

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- Numbers up to 10,000
- Place Value (Thousands, Hundreds, Tens, Ones)
- Face Value and Place Value
- Expanded Form and Standard Form
- Comparing Numbers ($<$, $>$, $=$)
- Ascending and Descending Order
- Before, After and Between Numbers
- Rounding Numbers to Nearest 10, 100, 1000
- Skip Counting (2s, 3s, 4s, 5s, 10s, 100s)

UNIT 2: ADDITION



- Addition of 3-digit numbers without regrouping
- Addition of 3-digit numbers with regrouping
- Addition of 4-digit numbers without regrouping
- Addition of 4-digit numbers with regrouping
- Word Problems on Addition
- Properties of Addition (Commutative, Associative)

UNIT 3: SUBTRACTION



- Subtraction of 3-digit numbers without regrouping
- Subtraction of 3-digit numbers with regrouping
- Subtraction of 4-digit numbers without regrouping
- Subtraction of 4-digit numbers with regrouping
- Word Problems on Subtraction
- Properties of Subtraction

UNIT 4: MULTIPLICATION



- Multiplication Tables 2 to 15
- Multiplication of 2-digit by 1-digit numbers
- Multiplication of 3-digit by 1-digit numbers
- Properties of Multiplication
- Word Problems on Multiplication

UNIT 5: DIVISION



- Division Tables 2 to 15
- Division of 2-digit by 1-digit
- Division of 3-digit by 1-digit
- Word Problems on Division
- Remainder
- Division Facts

UNIT 6: FRACTIONS



- Understanding Fractions
- Proper and Improper Fractions
- Equivalent Fractions
- Comparison of Fractions
- Addition of Like Fractions
- Subtraction of Like Fractions
- Word Problems on Fractions

UNIT 7: MEASUREMENT



- Length (cm, m, km) – Conversion
- Mass (g, kg) – Conversion
- Capacity (ml, l) – Conversion
- Time (o'clock, half past, quarter past, quarter to)
- Calendar – Days, Weeks, Months, Years
- Money – Rupees and Paise
- Word Problems on Measurement

UNIT 8: GEOMETRY



- Understanding Shapes and Angles
- Types of Lines (Straight, Curved, Zigzag)
- Triangles, Quadrilaterals, Circle
- Perimeter of Shapes (Square, Rectangle, Triangle)
- Symmetry
- Patterns

UNIT 9: DATA HANDLING



- Collecting and Organizing Data
- Tally Marks
- Pictographs
- Bar Graphs
- Reading and Interpreting Data

UNIT 10: LOGICAL REASONING



- Number Patterns
- Analogies
- Series Completion
- Odd One Out
- Coding and Decoding
- Mathematical Puzzles

UNIT 11: WORD PROBLEMS



- Word Problems on Addition, Subtraction
- Word Problems on Multiplication, Division
- Word Problems on Measurement
- Multi-step Word Problems

UNIT 12: MENTAL MATH



- Estimation
- Quick Addition and Subtraction
- Multiplication Tricks
- Division Tricks
- Number Sense and Logical Thinking

EXAM PATTERN

- Mode of Exam : Offline (Pen & Paper)
- Duration : 60 Minutes
- Total Questions : 50
- Type of Questions : Multiple Choice Questions (MCQs)
- Marking Scheme : +1 Mark for Each Correct Answer
No Negative Marking

BENEFITS FOR STUDENTS

- ★ Enhances problem solving and logical thinking skills.
- ★ Strengthens conceptual understanding of Mathematics.
- ★ Improves speed and accuracy.
- ★ Prepares students for future competitive exams.
- ★ Builds confidence and analytical ability.

