



- AI & Future Skills Integration

CLASS-2

Syllabus and Exam Pattern

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● SECTION A: NUMBER SENSE & OPERATIONS (40%)

1. Numbers (Up to 100)

- Number recognition and counting
- Number names
- Place value (Tens and Ones)
- Before, After, Between
- Ascending and Descending order
- Comparing numbers ( $>$ ,  $<$ ,  $=$ )

2. Addition

- 2-digit addition (with and without carry)
- Addition using number line
- Simple word problems

3. Subtraction

- 2-digit subtraction (with and without borrow)
- Word problems

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◆ SECTION B: MULTIPLICATION & DIVISION (15%)

1. Multiplication (Basic Concept)

- Repeated addition
- Simple multiplication facts

2. Division (Basic Concept)

- Equal sharing
  - Grouping
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● SECTION C: MEASUREMENT, TIME & MONEY (15%)

1. Measurement

- Length (long/short, comparison)
- Weight (heavy/light)
- Capacity (full/empty)

2. Time

- Reading time (hour level)
- Days and months

3. Money

- Identifying coins and notes
  - Simple addition and subtraction using money
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● SECTION D: SHAPES, PATTERNS & DATA HANDLING (10%)

1. Shapes

- Basic 2D shapes
- Identifying shapes in real life

2. Patterns

- Number patterns
- Shape patterns

3. Data Handling

- Simple pictographs
  - Counting and comparing data
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## SECTION E: SMART LOGIC & AI AWARENESS (10%)

*(No special study required)*

### 1. Pattern Recognition

- Identify and complete sequences

### 2. Logical Thinking

- Arrange steps in order
- Solve simple reasoning questions

### 3. Smart Technology Awareness

- Identify machines vs humans
  - Basic understanding of smart tools
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## SECTION F: VISUAL REASONING (10%)

- Odd one out
  - Matching
  - Find the difference
  - Picture-based puzzles
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## Weightage Structure

Section	Area	Weightage
A	Number Sense & Operations	40%
B	Multiplication & Division	15%
C	Measurement, Time & Money	15%
D	Shapes, Patterns & Data Handling	10%
E	Smart Logic & AI Awareness	10%
F	Visual Reasoning	10%

Total = 100%

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## EXAM PATTERN

- Mode: Online / Offline (MCQ Based)
- Total Questions: 35

- Total Marks: 35
- Duration: 35 Minutes

Question Distribution:

- Core NCERT Maths: 28 Questions
  - Smart Logic & AI: 4 Questions
  - Visual Reasoning: 3 Questions
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 Important Note

The syllabus is strictly based on NCERT Class 2 Mathematics. The Smart Logic & AI Awareness section is designed to enhance analytical thinking and does not require any additional preparation.