

Mission Abacus Pvt. Ltd.

Abacus Training Syllabus

Program Overview

>> Vision: To develop confident problem solvers through mental math mastery

>> Objectives:

- Master mental calculation skills
- Develop visualization & concentration
- Enhance logical thinking abilities
- Apply math to real-life situations

Level-Wise Curriculum

Level 0: Pre-Foundation (For LKG/UKG/ 1st std)

Duration: 2-3 Months

Topics:

- >Number recognition (1-100)
- >Abacus tool introduction
- >Finger movement techniques
- >Basic single-digit addition/subtraction
- >Double-digit operations without formulas
- >Play-based learning with beads

Level 1: Foundation Building

Duration: 2-3 Months

Topics:

- Abacus tool introduction
 - Finger movement techniques
 - Single & double-digit addition/subtraction
 - Mental visualization basics
- >> Assessment: 30 sums in 5 minutes

Level 2: Three-Digit Operations

Duration: 2-3 Months

Topics:

- Small friend & combination methods
- Carrying & borrowing techniques
- 1,2,3-digit addition/subtraction
- Assessment: 50 sums speed drill

Level 3: Decimal Introduction

Duration: 2-3 Months

Topics:

- Decimal place value
- Operations with decimals
- Real-life applications
- Assessment: Decimal quiz (20 sums)

Level 4: Multiplication Mastery

Duration: 2-3 Months

Topics:

- Single & double-digit multiplication
- 3-4 digit addition/subtraction
- Decimals in multiplication
- Assessment: Skill-based test

Level 5: Comprehensive Revision

Duration: 2-3 Months

Topics:

- Revision of levels 1-4
- Large number operations
- Mixed decimal problems >> Assessment: Master test (40 sums)
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Level 6: Division Operations

Duration: 2-3 Months

Topics:

- Basic & long division
- Decimal
- Advanced decimal operations
- addition/subtraction

Level 7: Applied Mathematics

Duration: 2-3 Months

Topics:

- Squares & cubes
- Area & perimeter
- Averages
- Multiplication tables
- addition/subtraction
- Assessment: Real-life application quiz

Level 8: Advanced Topics

Duration: 2-3 Months

Topics:

- Unitary method
- Negative numbers
- Percentage calculations
- addition/subtraction
- Basic & long division
- Complex mixed operations

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Building Mathematical Excellence Through Abacus Training