



Grade 1 to 4

“From delivering results at top firms to transforming student outcomes worldwide – Smart Prep is built on trusted teaching excellence.”



OVERVIEW

Sharpen your mind. Solve in seconds.

This course is designed to boost calculation speed, number sense, and confidence using fun techniques and strategies. Students learn to perform complex arithmetic in their heads — no calculator, no paper.

Course	Mind Sprint (Mental Math Mastery)
Frequency	2 Classes per Week
Format:	1-on-1 and Group sessions Interactive, Fun, Concept-Based, and Mental Strategy Focused
Benefits:	<ul style="list-style-type: none">✓ Boosts speed and accuracy✓ Strengthens memory and focus✓ Builds confidence for exams and classwork



Curriculum

Topic 1: Number Sense & Place Value Foundations

1)	Understand digits, numbers, and their value (units to 10,000+)
2)	Counting forward/backward, skip counting
3)	Number lines, comparing, ordering, and rounding
4)	Number bonds to 10, 20, 100
5)	Base-10 system understanding through games

Topic 2: Mental Addition Strategies

1)	Doubles and near doubles
2)	Making 10 & 100 strategies
3)	Adding multiples of 10, 100
4)	Compensation method
5)	Adding 3 or more numbers mentally
6)	Real-world problems: shopping, scores, distances

Topic 3: Mental Subtraction Strategies

1)	Subtracting using number lines (visualized)
2)	Counting up (counting-on strategy)
3)	Subtraction with multiples of 10, 100
4)	Decomposition of numbers
5)	Real-life problems (change, distance, time difference)

Topic 4: Multiplication Concepts & Tricks

1)	Skip counting and times tables (2 to 12)
2)	Multiplying using doubling, halving
3)	Multiplying multiples of 10, 100
4)	Using area models and breaking apart numbers
5)	Speed drills, time-based games

Topic 5: Division Concepts & Strategies

1)	Sharing and grouping
2)	Using multiplication for division
3)	Dividing by 2, 5, 10, and then 3, 4, 6, 8
4)	Mental division strategies using estimation
5)	Fact families and word problems

Topic 6: Mixed Operations + Word Problems

1)	Choosing the right operation (clue words)
2)	Two-step and three-step word problems
3)	Estimating answers mentally
4)	“Missing number” puzzles
5)	Challenge rounds: operations in real-world scenarios

Key points:

Personal Guidance, No Corporate Layers:

Work one-on-one with the tutor — not through a system. **Direct support, real-time communication, and flexible learning schedules.**

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