Mathematics

MENTAL MATHS

Experience Level: **BEGINNER & INTERMEDIATE**

Number of Classes: **VARIABLE**

Age Range: **VARIABLE**

01 ## Digit-Sum Method
- Basics of the Digit-Sum Method
- Rules to calculate Digit-Sum
- Rules to apply
- Checking Addition, Subtraction, Multiplication & Division
- Limitations

02 ## Digit-Difference Method
- Basics of the Digit-Difference Method
- Rules to apply
- Checking Addition, Subtraction, Multiplication & Division
- DS v/s DD Method

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03 ## Mental Mathematics
- Introduction
- Multiplicand and Multiplier
- Multiplication by 11
- Carrying Over

04 ## Left to Right Method
- LR Addition
- Rounding up before calculation
- LR Subtraction
- LR Subtraction with Rounding Up
- LR Multiplication
- One-digit Multiplier
- One-digit Multiplier with Rounding Up
- LR Multiplication - Two Digit Multiplier
- LR Multiplication - Two Digit Multiplier with Rounding Up
- LR Multiplication after Factoring

05 ## Stem Method
- Stem Multiplication
- One-by-One Multiplication
- Two-by-Two Multiplication
- Choosing the Stem
- Distance From the Stem
- Where to use the Stem Method?

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06 ## Squaring
- Squaring numbers ending with 5
- Squaring any number

07 ## The Bridge Method

08 ## Vitruvian Man Method

09 ## UT Method
- UT Method Concepts
- Pair Products
- Applying UT Method

10 ## LR Division
- Division Refresher
- LR Division
- LR Division - Factoring
- Divisor Ends with 5
- Factoring Fails with Prime Numbers
- LR Division with Rounding
- Rounding with Reminder
- Combining Methods

11 ## Flag & Pole Method
- FP Division
- Applying FP Method

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