Vedic Mathematics Training

Objective:

Globally we are facing a crisis in Math education. Math phobia is prevalent globally among students, teachers and even parents. There is an acute scarcity of math teachers around the world so much so that no one wants to become a Math teacher anymore. So the objective is to make math fun filled and arise interest which in turn will increase the speed and accuracy in various competitive and placement exam.

Vedic Math can be considered as a new and emerging sector in India. Thanks to the internet it is getting widespread attention and focus. With the help of the Government of India, Vedic math is all set to become popular and a boon for students. The concepts taught in Vedic Mathematics has widespread applications for Grade III onwards all the way up to competitive exam aspirants. Hence the future and scope of Vedic Math is very wide and given time it will only shine bright.

Requirements:

- It would help if the student has basic understanding of multiplication tables up to 5.

Description:

Vedic Mathematics is the name given to the ancient system of Indian Mathematics which was rediscovered from the Vedas between 1911 and 1918 by Sri Bharati Krsna Tirthaji (1884-1960). According to his research all of mathematics is based on sixteen Sutras, or word-formulae. The Vedic Math course is sought after in the academic circuit and has been made after the author's long experience of teaching over 4 million students in the subject across the globe.

Can you multiply 998 x 997 in five seconds?

Learn High Speed Vedic Mathematics which will enable you to calculate much faster compared to the conventional system. You will be able to do seemingly difficult calculations like 998 x 997 in split seconds which will make a remarkable difference to your confidence and self-esteem. Your calculation skills will improve, you will be able to perform better and you will exuberate confidence which will blow people away.

The scope of the area which Vedic Mathematics covers is much larger than the other systems. Through Vedic Math you can do calculations in Arithmetic, Algebra and even Trigonometry for that matter and simplify and speed up calculations.

How High Speed Vedic Math can help you:

- You would be learning how to speed up calculations which are stumbling blocks in mathematics. These concepts will help you in your studies for the university examinations and also for the entrance examinations you will be facing in your life.
- Eradicates fear of Math completely. So if you have Math-Phobia High Speed Vedic Math is a Fun-Filled way to do Math and arises interest.
- Sharpens your mind, increases mental agility and intelligence.
- Increases your speed and accuracy. Become a Mental Calculator yourself.
- Improves memory and boosts self-confidence.
- Cultivates an Interest in you for numbers.
- Develops your left and right sides of your brain hence using intuition and innovation. It has been noted that Geniuses have been using the right side of the brain to achieve exceptional results.
- Easy to master and apply. You just need the knowledge of tables to learn this.

What you will learn in this course?

- You will be learning how to speed up Multiplication, Division, Addition, Subtraction, How to find squares in less than 5 seconds, Cubes, find Cube Roots in 3 seconds flat, Find Square

Roots, Sharpen your skills of Algebraic Equations and do it mentally, Learn Divisibility rules for every number in the number system, Speed up concepts of Geometry, Find out Divisibility rules for every number in the number system, Calendars and much much more. This system will change your paradigm about mathematics and you will be able to enjoy it more than you ever did.

- By the end of each topic you will have a better understanding of the Mental Math Method being explained.
- You will be able to calculate 10-15 times faster than before!
- Develop your left and the right side of the brain by increasing the visualization and concentration abilities.
- Have Fun with Math! Get rid of your Math Phobia.
- Become a Human Calculator yourself!

Who should opt the training?

- Math Teachers + Working Professionals

- Student across all the program, who want to improve their calculation skills

- Entrepreneurs

- Math Enthusiasts

Course Outline:

1.HOLISTIC MATHS	1 hour
Course overview, history of our number system. 10-point circle, Completing 10s, addition. Mental addition from left to right	
2. COMPLETING THE WHOLE and DOUBLING AND HALVING	1 hour

Early history of VM. Looking for 10s in addition, including adding columns	
Using addition and subtraction together	
Number splitting: doubling and repeated doubling. Math's teaching. Halving and repeated halving	
3. CREATIVE MATHS	1 hour
Improvising and extending the multiplication tables	
Multiplying and Dividing by 5, 50, 25	
4. A MAGIC NUMBER	1 hour
Digit sums, 9-point circle, casting out nine. Digit sum puzzles and divisibility by 3,9,6,15	
5. CHECKING IT OUT	1 hour
Checking with digit sums. Checking with first and last figures / Vedic Square	
6. THE INVISIBLE NUMBER	1 hour
Calculating left to right. Doubling & halving / Finger maths	
7. SUBTRACTION	1 hour
Recent history. Subtraction-left to right. Checking subtractions	
8. EXPLAINING VEDIC MATHS	1 hour
Questions on Vedic Maths. Combining/comparing fractions	
9. ALL FROM 9 AND THE LAST FROM 10	1 hour
Subtraction. Bar numbers	
10. THE POWER OF NEGATIVE THINKING	1 hour
Using bar numbers for subtraction. Number splitting	
11. ANOTHER MAGIC NUMBER	1 hour
Multiplication by 11. Divisibility by 11 and a 'digit sum' check	
12. COHERENT MATHS and MATHEMAGICS	1 hour
General multiplication and reverse. Algebraic multiplication and its reverse	

Multiplying numbers near 100. Proofs	
13. NUMBER PATTERNS	1 hour
Using Proportion to extend base multiplication	
Multiplying near base 10, and multiples of 10	
14. THINK OF A NUMBER	1 hour
Use of transposition in solving word puzzles. Solving equations	
15. SPECIAL AND GENERAL and SPECIAL DIVISION	1 hour
Some special multiplication devices	
Dividing by 9, 8, 11 etc. Algebraic division	
16. NATURAL MATHS	1 hour
The Sutras. Calculating areas. Temperature conversions. Spotting the obvious	
17. DEMONSTRATIONS and GENERAL MULTIPLICATION	1 hour
Advice on structuring a talk	
Extending the Vertically and Crosswise method	
18. SQUARES AND ROOTS and TRIPLES	1 hour
Squaring 2-figure numbers and binomials. Square root of a perfect square	
Triple notation and addition. Rotations with triples	
19. GENERAL SQUARING	1 hour
The duplex, Squaring numbers of any size. Algebraic squaring	
20. THE CROWNING GEM	1 hour
Straight division. How to choose your remainder. Decimalizing the remainder	
21. STRAIGHT DIVISION	1 hour
Extending straight division to 3-figure divisors. Negative flag digits. Changing the numbers. Two figures or more on the flag	
22. MASSIVE MULTIPLICATIONS	1 hour

Multiplying numbers near high bases. Squaring near a base	
Multiplying numbers near different bases	
23. COORDINATE GEOMETRY	1 hour
Equation of a line through two given points. Equation of a line through a given point and parallel or perpendicular to a given line	
24. SQUARE ROOTS	1 hour
The general method	
25. CALCULUS	1 hour
Solving quadratic equations by two methods. Comparison of some Vedic and conventional methods	
26. RECURRING DECIMALS	1 hour
From left to right and from right to left	
27. SPECIAL NUMBERS	1 hour
An easy kind of multiplication and special numbers	
Their application in making recurring decimals easier	
28. DIVISIBILITY	1 hour
The osculation process	
29. TRIPLE GEOMETRY and LEFT TO RIGHT	1 hour
Triple subtraction and applications	
Written calculations from left to right	
30. COMBINING CALCULATIONS / THE VALUE OF pi	1 hour
Calculating from the left. Sanskrit and Pi	