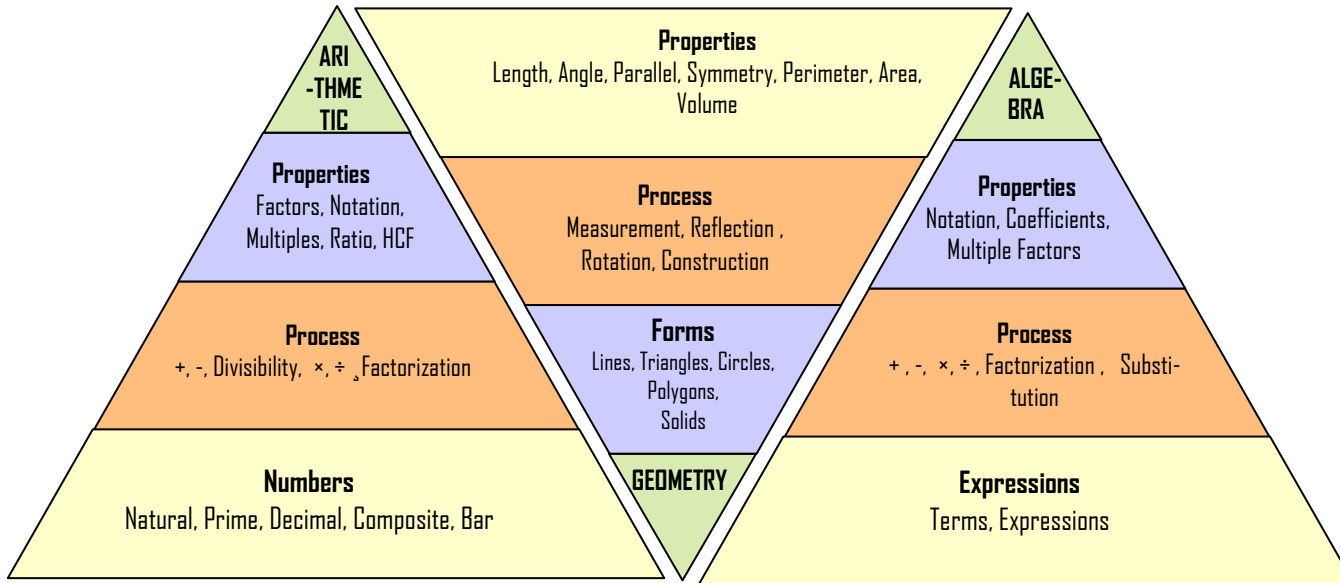


## CERTIFICATE PROGRAM DETAILS (FOUR COURSE SEQUENCE)

**VM 101 Pravesha (Freshman)**  
**VM 102 Parichaya (Sophomore)**

**VM 201 Prabuddha (Junior)**  
**VM 202 Praveena (Senior)**



### ARITHMETIC

- Digit Sum Check & Nine Point Circle
- Complement or Viniculum
  - All from 9 and last by 10 Method
  - Arithmetic of bar numbers
- Addition and Subtraction in same operation
- Multiplication
  - Tables the fast way
  - Near the base (Nikhilam)
  - Vertical/Crosswise
- Division
  - Divisibility
  - Flag-number and Nikhilam Methods
  - Transpose & Apply Method
- Vedic Square
- Fractions, Decimals & Percentages
- Squaring & Square Roots
- Higher and Fractional Powers



### ALGEBRA

- Multiplication & Squaring Equations & Equation Forming
- Charts, Simultaneous Equations

### GEOMETRY

- Lines & Shapes (2D & 3D)
- Measurement (Circumference, Area & Volume) & Construction
- Symmetry & Rangoli patterns
- Transformations
- Bearings

### HIGHER MATH

- Probability
- Sequences
- Vectors
- Coordinate Geometry

### SEMESTER PROGRAM

Fall: Sep-Dec Spring: Jan-May  
 Summer: July-Aug  
 Fall/Spring Cost \$ 270\*  
 \* Plus \$25 Registration

### CENTERS

**Chicago**  
 ☞ Naperville  
 ☞ Oakbrook  
 ☞ Schaumburg/Palatine

**Detroit**  
 ☞ Troy  
 ☞ Novi

### REGISTER ON WEB

[www.vedicmath.com](http://www.vedicmath.com)

VMA Centers of Illinois  
 420 Tulane Dr.  
 Algonquin IL 60102

Phone: 440-829-2256  
 E-mail: [vedicmath@hotmail.com](mailto:vedicmath@hotmail.com)  
 Website: [www.vedicmath.com](http://www.vedicmath.com)

## Math Enrichment Program\* (Ages 8+)

➤➤ Semester Program



Boosting Math Education for Success

TEL: 440-829-2256

VEDICMATH@HOTMAIL.COM

WWW.VEDICMATH.COM

\* Joint Program with Hindu Swayamsevak Sangh  
<http://www.hssusa.org>

## What is Vedic Math?

Modern day education requires basic mathematics for success, be it in business, science, medical, or engineering fields. From India, the land that invented *Zero* and *Infinity*, comes Vedic Mathematics. Discovered and reformulated by a brilliant scholar in the twentieth century, Vedic Math has the following characteristics:

- ✧ Easy and simple methods
- ✧ Founded on basic principles
- ✧ Emphasizes *Mental Calculations*
- ✧ Natural flow from Arithmetic to Algebra & Geometry
- ✧ Multiple techniques for same operations



Vedic Math curriculum, as a complement to conventional math curriculum, has been used in schools in Britain for over 25 years and is also being taught in Singapore and Australia. Students preparing for highly competitive examinations in India (IIT-JEE, IIM-CAT, etc.), train using Vedic Math.

## Vedic Math Academy (VMA)

Vedic Math Academy, under the leadership of Professor Sree N. Sreenath of Case Western Reserve University, Cleveland, Ohio has developed a curriculum to train students to reach their full potential in the art of mathematics. A primary goal is to instill in children a lifelong love of Math and boost them to excel in the PSAT/SAT/ACT.

## Program Details:

- ☞ Children age 8+
- ☞ Supplements School Math Teaching
- ☞ Foundational Skills for PSAT/SAT/ACT, and higher-level math
- ☞ Empowers students – develops both sides of formative brain
- ☞ Develops clarity of mind and intuition

### SEMESTER PROGRAM

Fall (1 class per week for 16 weeks) Sep-Dec  
Spring Jan-May  
Summer (Weekend OR Weekdays) July-Aug  
Fall/Spring Cost \$ 270\* \* Plus \$25 Registration

### CENTERS

#### CHICAGO

- ☞ Naperville
- ☞ Oakbrook
- ☞ Schaumburg/Palatine

#### DETROIT

- ☞ Troy
- ☞ Novi

### REGISTER ON WEB

- ☑ [WWW.VEDICMATH.COM](http://WWW.VEDICMATH.COM)

### ADDITIONAL INFORMATION

E-Mail: [vedicmath@hotmail.com](mailto:vedicmath@hotmail.com)



## STEPS TO MATH SUCCESS

### 1. VISIT VMA CENTER ONE DAY IN A WEEK FOR 60 MINUTES

*Qualified and trained instructors teach classes in a school atmosphere. Students learn skill sets hands-on with specially*

*formulated teaching material providing quality instructional-study time.*

### 2. STUDENTS SELF CORRECT UNDER INSTRUCTOR'S GUIDANCE

*Instructors provide worksheets, and, work with the students to correct mistakes. Students are involved in correcting exercises, giving them the ability to limit repetitive mistakes. Accuracy and speed are emphasized.*

### 3. COLLECT NEXT HOMEWORK ASSIGNMENT AND IT'S TIME TO GO

*Regular practice is a must. Students collect Vedic Math worksheet materials to complete at home before the next center class. Daily concentrated practice of at least 15 minutes is needed to develop good study habits. Parents grade the homework for immediate feedback on mistakes. Answer booklets are provided.*

### 4. DOCUMENTATION SHEET

*The students' everyday performance is recorded on the Documentation Sheet, noting work time/accuracy. Instructor records progress periodically. Extra help for difficult material is provided 15 min. before class.*

### 5. TESTS

*Periodic tests and a final exam are part of the course.*

### 6. CERTIFICATE

*Completion Certificates awarded to successful students.*

