MATH-inc

Math made fun, fast and easy!

February 22, 2023

Dear fellow Vedic Math lover,

Be one of the movers and shakers in the international Vedic Math scene!

Be one of our **Area Facilitators (AF)** for the two important nationwide Vedic Math competitions leading up to the international Vedic Math competitions for 2023.

The nationwide events are the **3rd MATH-Inic Vedic Mathematics National Challenge (3rd MVMNC) on April 1, 2023** and the **4th Philippine National Vedic Mathematics Olympiad (4th PNVMO) on October 1, 2023**. These two events aim to prepare our students for the **1st Math2Shine International Vedic Maths Competition(1st MIVMC) in June 2023** and **3nd International Vedic Mathematics Olympiad (IVMO 2023)** which will be held on November 2023.

As an AF, you will be the key contact person for the students and teachers in your area, and crucial in accrediting VM coaches. You will also enjoy the following perks:

a) Free enrollment to a special review course for VM competitions. (original course fee: P2,500). This consists of 10 video recordings about almost all topics covered in all six categories of VM competitions.

b) 30% discount on books, other review webinars and courses offered by MATH-Inic Publishing and MATH-Inic Online.

c) 40% commission from the P300 entry fee of each participant.

An Area Facilitator may be appointed for a school, school district, schools' division, town, or province. As an AF, your key functions are to:

a) Invite students and teachers to participate in the local events with the goal of competing in the 1st MIVMC and IVMO 2023.

b) Help train the participants by sharing review materials and links to VM sites provided by MATH-Inic Philippines.

c) Recommend VM coaches for accreditation by MATH-Inic Philippines. Only those who have completed the Vedic Mathematics Teacher Training Course (VMTTC) or those who have passed the Foundation Level Distinction (Level III) will be recognized as coach for both national and international competitions.

d) Collect the entry fee of P300 per student for each event and remit 60% (P180) for each entry. The deadline for registration of participants will be on March 25, 2023.

e) Monitor the conduct of the participants during the contests.

The Area Facilitators are an integral part of our move to continue dominating the international Vedic Math competitions. In **IVMO 2021**, with nearly 500 participants competing from nine countries, the Philippines got 75% of all the awards given. The Filipinos, aside from topping four of the five categories, won total of 35 gold, 70 silver and 107 bronze awards.
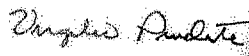
In **IVMO 2022**, the Philippines showed that its victory in the previous Olympiad was no fluke when our Mathletes registered an even better performance – with 1866 participants from 11 countries, the Filipinos topped five out of six categories and won a total of 152 gold, 329 silver and 530 bronze awards, which is 90% of the total awards given.

So register to be one of the Area Facilitators now. You only need to register via this form: https://bit.ly/VMCompetitionAFReg and pay the Php1000 registration fee, which will be valid for the 3rd MVMNC and the 4th PNVMO. Deadline for registration is March 18, 2023.

We look forward to making a difference in the world of Vedic Math and in the lives of our students with you. Please email us at competitions@math-inic.com if you have any questions.

We are looking forward to your favorable response. Thank you very much!

Truly yours,

Virgilio Y. Prudente
Founder, MATH-Inic Philippines
Honorary Life Member, IAVM

3rd MATH-Inic Vedic Mathematics National Challenge

Date: April 1, 2023

Time: 4:00 to 5:00 PM

Mechanics:

1) The competition will be online, and the conduct of the participants will be monitored by the Area Facilitators and their assistants. The use of one or two devices may be required, depending on the set-up to be implemented in the center.

2) The competitions will be in six categories based on the age of the contestants on May 31, 2023. There is no lower age limit for each category:
   a) Beginners (Primary B): 9 years or younger
   b) Primary (Primary A): 11 years or younger
   c) Juniors: 13 years or younger
   d) Intermediate: 16 years or younger
   e) Seniors: 18 years or younger
   f) Open: any age

3) The participants will be given 60 minutes to answer 40 multiple choice questions in Google Quiz. Points will be awarded for correct answers as follows:
   a) questions 1 to 25 – 2 points each;
   b) questions 26 to 35 – 3 each; and
   c) questions 36 to 40 – 4 points each.

4) The top 30% of the competitors in each category will be given Certificates of Recognition. The top 5% will receive specially molded two-inch gold medals; the next 10%, silver medals; and the next 15%, bronze.

5) The next 30% will each receive a Certificate of Merit.

6) The non-winners will each receive a Certificate of Participation.

7) Most questions can be answered using the traditional methods, but knowledge of Vedic Math is definitely an advantage. Some questions can only be solved using VM techniques.

8) Aside from the Area Facilitators, other teachers may help in the training of participants but only those who have completed the Vedic Mathematics Teacher Training Course (VMTTC) or who have passed the Foundation Level: Distinction assessment of the Institute for the Advancement of Vedic Mathematics (IAVM) will receive their certificates as coach.

Coverage: The coverage shall be the same as that of IVMO 2022. The coverage of the Beginners and Primary categories in the 3rd MVMNC (Primary B and Primary A in the IVMO) are the same, but the figures and the problems to be given in the Beginners group will be easier to solve than those in the Primary group. The Seniors and Open categories will also have the same coverage.

IVMO Topic List

The lists are accumulative. At each level topics from previous levels are included. For example, for Intermediate level, all topics in Primary and Junior are relevant.

Primary	Junior	Intermediate	Senior and Open
Four rules of number + - x ÷	Four rules of mixed numbers + - x ÷	Converting denominators ending in 9	Coefficients in polynomial products
Four rules of simple fractions + - x ÷	Decimal to fraction conversions	Conversion of partially recurring decimals	Using first and last terms in polynomials
Four rules of decimals + - x ÷	Squaring numbers close to a base	Straight division with 3-digit divisors	Series expansions of binomials
Divisibility by 2, 4, 8, 5, 10, 3, 6, 9	Use of vinculums (bar numbers)	Simultaneous equations	Applications of discriminants of quadratics
Digital roots	Paravartya division	Quadratic equations	Divisibility using Osculation
Multiplication and division by 5, 25, 50	Straight division with 2-digit divisors	Nth term for quadratic sequences	Logs and Exponential functions
Nikhilam multiplication	Percentages	Completing the square	Inverse functions
Squaring two-digit numbers ending in 5	Direct and indirect proportion	Difference of two squares	Partial fractions
Multiplication - the final digits add to 10	nth term formulae for linear sequences	Cubing 2-digit numbers	Method of differences
Vertically and crosswise multiplication	Linear equations	Combined ratios	Product and Quotient rules
Nikhilam division	Mean, median, mode	Polynomial division with binomial divisors	Chain rule
HCF and LCM by Vertically and crosswise	Simple rules of indices	Polynomial multiplication	Pythagorean triples
Ratio and Proportion	Area and circumference of a circle	Factor theorem	Addition and subtraction of angles
Linear sequences	Angles in parallel lines	Indices including fractional and negative	Geometric problems involving triples
Area and perimeter of simple shapes	Angles in triangles and quadrilaterals	Using last digits to check answers	Areas of shapes on coordinate axes
Primes, squares, and triangular numbers	Volume and surface area (cuboids)	Angles in polygons	Integration to find areas
		Equation of straight lines	Equations of circles
		Similar areas and volumes	

Sutras Involved

All from 9 and the last from 10	Deficiency	By completion and non-completion	First by the first and last by the last
Vertically and crosswise	Transpose and adjust	Particular and general	Product/sum, Sum/product
By one more than the one before	On the flag	Product of means. Product of extremes	Differential calculus
Proportionately	By elimination and retention		Osculation
By addition and subtraction	All the multipliers		
By observation			
By the last digits			

Registration: The participants shall register with the accredited Area Facilitator in their school or district and pay the registration fee of P300 not later than March 25, 2023. The AFs shall also help the participants in training for the competitions.

Other Awards:

1) Every Area Facilitator will receive a Certificate of Recognition from MATH-Inic Philippines.

2) The top three divisions, schools, and area facilitators will receive Certificates of Recognition for Best Participation and Best Performance.

   Best Participation will be determined solely by the number of participants. Best Performance will be determined by the Performance Index which is computed as follows: Each gold, silver, bronze, and Merit awardee will receive 4, 3, 2 and 1 points respectively. The total for each division, school, or facilitator will then be divided by the number of participants.

   To qualify for the Best Performance, a school or facilitator must have at least ten entries while a division must have entries from at least three schools.

3) Accredited coaches shall receive their Certificates of Recognition

4) Each participating school or division will receive a Certificate of Appreciation.

Please write to competitions@math-inic.com for further details.

Invitation to the 3rd MVMNC (with Attachments)
1 message

ike.prudente@math-inic.com <ike.prudente@math-inic.com>
To: bulacan@deped.gov.ph

Tue, Feb 28, 2023 at 6:14 PM

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Math made fun, fast and easy!

February 28, 2023

Ms. Rowena T. Quiambao

OIC-Schools Division Superintendent

Division of Bulacan

Dear Madam,

Please join us as we move to dominate the international Vedic Mathematics scene for the third year in a row!

Your students and teachers will not want to miss this year's most exciting Math competition series, kicking off with the 3rd **MATH-Inic Vedic Mathematics National Challenge (MVMNC)** on April 1, 2023. This series of national and international Vedic Math events will culminate in the 3rd **International Vedic Mathematics Olympiad (IVMO)** in November 2023. The latter will be hosted by the Institute for the Advancement of Vedic Mathematics (IAVM), a British-registered charity dedicated to the furtherance of Vedic Mathematics worldwide.

Participants in the past two editions of the IVMO did the Philippines proud. In IVMO 2021, our Mathletes competed against eight other countries, landing on the top in four out of five categories, and garnering 35 gold, 70 silver, and 107 bronze awards—over 75% of the total awards given. In last year's IVMO 2022, our learners displayed their math mastery over 10 other countries, winning 152 gold, 329 silver and 530 bronze awards, which is almost 90% of all the awards given. Filipinos also scored highest in five of the six categories and took 18 of the 20 top three places.

For these achievements, world VM authority Kenneth Williams remarked that the "Philippines is the flagship country of Vedic Math in the world."

To maintain our position in the VM community, MATH-Inic Philippines is also helping coordinate other national and international events this year including the following:

- 1st Math2Shine International Vedic Math Competitions on June 4, 2023
- 9th International Online Vedic Math Conference in July 2023

- 5th Inspirational Maths from India webinar series in August 2023
- 4th Philippine National Vedic Mathematics Olympiad in Sept 2023
- 3rd International Vedic Mathematics Olympiad
- IAVM assessments for teachers and students

The **3rd MVMNC** will be on a Saturday, April 1, to avoid disrupting classes. We have attached the mechanics of the event for your guidance, and a separate **invitation for Area Facilitators**, who will help administer the contest.

Participation in this event is purely voluntary but we hope that you will encourage the teachers and students in your division to participate. As you can see in our performance in the events, Vedic Math—with its emphasis on one-line mental calculations—is an ideal supplement to our current Math curriculum. May we kindly ask that your office issue an advisory to announce the event and encourage participation?

Those interested may visit the MATH-Inic Philippines Facebook page, https://www.facebook.com/MATHInicPhils or they can e-mail us at competitions@math-inic.com for more information.

We are looking forward to your favorable response. Thank you very much!

Truly yours,

Virgilio Y. Prudente
Founder, MATH-Inic Philippines
Honorary Life Member, IAVM

3 attachments

image001.jpg
10K

3rd-MVMNC-Mechanics.pdf
275K

AF-Invite.pdf
139K