



Republic of the Philippines  
**Department of Education**  
REGION X - NORTHERN MINDANAO  
**SCHOOLS DIVISION OF OZAMIZ CITY**

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**Division Advisory** #030, s. 2023

March 17, 2023

Complying with DepEd Order No. 8, s. 2013,  
this Advisory is issued not for endorsement per DO 28, s. 2001,  
but for the information of DepEd Officials,  
personnel/staff, as well as the concerned public.

**3<sup>RD</sup> MATH-INIC VEDIC MATHEMATICS NATIONAL CHALLENGE (MVNMNC)**

Attached is Regional Advisory No. 38 s. 2023 and letter of invitation from Math-Inic Vedic Mathematics National Challenge (MVBMNC) for your appraisal with utmost consideration of DepEd Order No. 9, s. 2005 on Instituting Measures to Increase Engaged Time – On-Task and Ensuring Compliance Therewith, and strict compliance to other existing DepEd rules and guidelines.

The participation of learners and teachers from public and private schools in this activity shall be purely voluntary. As such, the participants themselves shall shoulder any registration fees and travel/incidental expenses.

For more information and clarifications, please visit the MATH-Inic Philippines Facebook page at <https://www.facebook.com/MathInicPhils>, or email at [competitions@math-inic.com](mailto:competitions@math-inic.com).

For your information and guidance.

**JEAN G. VELLOSO, CESO V**  
Schools Division Superintendent

CID/rcv  
03/17/2023

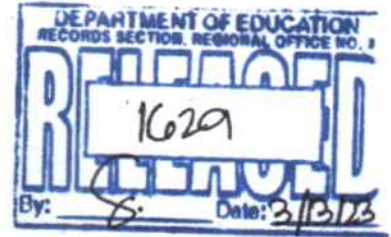


Address: IBJT Compound, Carangan, Ozamiz City  
Telephone No: (088) 545-09-88  
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**Our LEARNERS: *The Diamonds of the Fortress.***  
**ASENSO OZAMIZ!**



Republic of the Philippines  
**Department of Education**  
 REGION X - NORTHERN MINDANAO



Regional Advisory No. 38, s. 2023  
 March 7, 2023

Complying with DepEd Order No. 8, s. 2013,  
 this Office issues this Advisory, not for endorsement per DO 28, s. 2001,  
 but for the information of DepEd officials,  
 personnel/staff, and the concerned public.  
 (Visit [deped10.com](http://deped10.com))

**3RD MATH-INIC VEDIC MATHEMATICS NATIONAL CHALLENGE (MVNMNC)**

The MATH-Inic Philippines is inviting interested parties to its 3rd MATH-Inic Vedic Mathematics National Challenge (MVMNC) on April 1. The national and international Vedic Math events will culminate in the 3rd International Vedic Mathematics Olympiad (IVMO) in November.

Participation in this activity shall be voluntary. As such, the participants themselves shall shoulder any registration fees and travel/incidental expenses. Further, their participation shall be subject to the *no-disruption-of-classes policy* stipulated in DepEd Order No. 9, s. 2005 titled *Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance*, Section 3 of Republic Act No. 5546 (Policy on Contributions), and DepEd Order No. 66, s. 2017 (Policy on Off-Campus Activities).

For more information, inquiries, and clarifications, please visit the MATH-Inic Philippines Facebook page, <https://www.facebook.com/MATHInicPhils>, or email at [competitions@math-inic.com](mailto:competitions@math-inic.com)

This Office directs the immediate and wide dissemination of this Advisory.

ATCH.: As stated  
 To be indicated in the Perpetual Index  
 under the following subjects:

INVITATIONS      MATH OLYMPIAD

CLMD/marino



DepEd Regional Office X, Zone 1, Upper Balulang, Cagayan de Oro City  
 (088) 856-3932 | (088) 881-3137 | (088) 881-3031  
 Department of Education Region 10  
[region10@deped.gov.ph](mailto:region10@deped.gov.ph)  
<http://deped10.com>





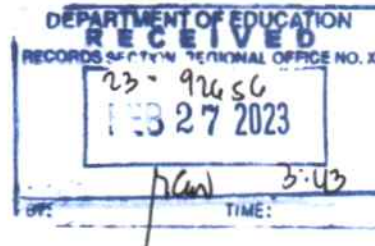
Department of Education Region 10 &lt;region10@deped.gov.ph&gt;

## Invitation to the 3rd MATH-Inic Vedic Mathematics National Challenge

1 message

ike.prudente@math-inic.com <ike.prudente@math-inic.com>  
To: region10@deped.gov.ph

Wed, Feb 22, 2023 at 9:17 PM



**Math made fun, fast and easy!**

February 22, 2023

Dr. Arturo B. Bayocot , CESO V  
Regional Director  
Region X

Dear Dr. Bayocot,

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 **3<sup>rd</sup> MATH-Inic Vedic Mathematics National Challenge (MVMNC)** on April 1, 2023. This series of national and international Vedic Math events will culminate in the **3<sup>rd</sup> 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:

- 1<sup>st</sup> Math2Shine International Vedic Math Competitions on June 4, 2023
- 9<sup>th</sup> International Online Vedic Math Conference in July 2023
- 5<sup>th</sup> Inspirational Maths from India webinar series in August 2023
- 4<sup>th</sup> Philippine National Vedic Mathematics Olympiad in Sept 2023
- 3<sup>rd</sup> International Vedic Mathematics Olympiad
- IAVM assessments for teachers and students

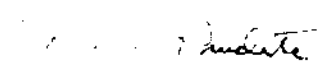
The 3<sup>rd</sup> **MVMNC** will be on a Saturday, April 1, to avoid disrupting classes. We have attached the mechanics of the event for your guidance, and a separate **invitation for Area Facilitators**, who will help administer the contest.

Participation in this event is purely voluntary but we hope that you will encourage the teachers and students in your region 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](mailto: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

### **3<sup>rd</sup> 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 3<sup>rd</sup> 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 of Primary and Junior are relevant.

Primary	Junior	Intermediate	Senior and Open
Four rules of number $a \div b \times c$	Four rules of mixed numbers $a \div b \times c$	Converting denominators ending in 9	Coefficients in polynomial products
Four rules of simple fractions $a \div b \times c$	Decimal to fraction conversions	Conversion of partially recurring decimals	Using first and last terms in polynomials
Four rules of decimals $a \div b \times c$	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 vinculum (bar numbers)	Simultaneous equations	Applications of discriminants of quadratics
Digital roots	Periparty division	Quadratic equations	Divisibility using Decalation
Multiplication and division by 5, 25, 50	Straight division with 2-digit divisors	$n$ th 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	$n$ th 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 fractions and negative	Geometric problems involving trapes
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	Equation of circles
		Similar areas and volumes	

#### Strips Involved

All from 9 and the last from 10	Delicacy	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 Rag	Product of means, Product of extremes	Differential calculus
Proportionately	By e-Primator and retention		Decalation
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](mailto:competitions@math-inic.com) for further details.





**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 **3<sup>rd</sup> MATH-Inic Vedic Mathematics National Challenge (3<sup>rd</sup> MVMNC)** on **April 1, 2023** and the **4<sup>th</sup> Philippine National Vedic Mathematics Olympiad (4<sup>th</sup> PNVMO)** on **October 1, 2023**. These two events aim to prepare our students for the **1<sup>st</sup> Math2Shine International Vedic Maths Competition (1<sup>st</sup> MIVMC)** in June 2023 and **3<sup>rd</sup> 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.

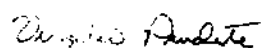
In **IVMO 2022**, the Philippines showed that its victory in the previous Olympiad was no fluke when our Mathletes registered an even better performance – with 1866 participants from 11 countries, the Filipinos topped five out of six categories and won a total of 152 gold, 329 silver and 530 bronze awards, 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 3<sup>rd</sup> MVMNC and the 4<sup>th</sup> 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](mailto: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