



Republic of the Philippines
Department of Education
REGION VIII - EASTERN VISAYAS

March 11, 2024

REGIONAL MEMORANDUM

No. **277**, s. 2024

PISAY MATHEMATICS OLYMPIAD (PreMO)

To: Schools Division Superintendents
All Others Concerned

- Attached is a letter from Yvonne M. Esperas, Campus Director of the Philippine Science High School Eastern Visayas Campus, inviting learners from the 13 SDOs to participate in the regional competition titled "Pisay Regional Mathematics Olympiad (PreMO)" on April 4, 2024, from 12:00 PM to 4:30PM at Philippine Science High School -Eastern Visayas Campus, Pawing, Palo, Leyte.
- To provide all divisions equitable opportunity to participate, the participants from each division are distributed below. The slots of those divisions that will not send participants shall be given to interested division/s.

Divisions	Participants	Teacher-Chaperone
Baybay City	2 Grade 5 learners	1
Biliran	2 Grade 5 learners	1
Borongan City	2 Grade 5 learners	1
Calbayog City	2 Grade 5 learners	1
Catbalogan City	2 Grade 5 learners	1
Eastern Samar	2 Grade 5 learners	1
Leyte	4 Grade 5 learners	2
Maasin City	2 Grade 5 learners	1
Northern Samar	2 Grade 5 learners	1
Ormoc City	2 Grade 5 learners	1
Samar	2 Grade 5 learners	1
So. Leyte	2 Grade 5 learners	1
Tacloban City	4 Grade 5 learners	2

Note: 2 Participants coming from one school.

- Interested schools may pre-register at bit.ly/premo2024prereg by March 30, 2024 at 11:59PM, and pre-registered schools will receive an official communication from the organizers.
- Attached is the primer that contains competition details. For more information, may contact Kyle Andrew Abello at 0998-1600569 or pmc@evcs.edu.ph.



Address: Government Center, Candahug, Palo, Leyte
Telephone No.:(053) 832-2997
Email Address: region8@deped.gov.ph
Website: <https://region8.deped.gov.ph>

5. Immediate dissemination of and compliance with this Memorandum are desired.



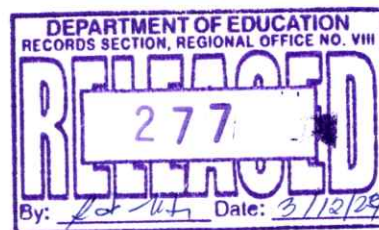
EVELYN R. FETALVERO CESO IV
Regional Director

Enclosures: Primer

Reference: Letter

To be indicated in the Perpetual Index under the following subjects:
Competition Elementary Math

CLMD-SSC



PREM 2024 PRIMER



Philippine Science High School
Eastern Visayas Campus

About PReMO	3
<i>General Information</i>	4
<i>Mission and Vision</i>	5
The Timeline	6
<i>Important Dates</i>	7
The Program Flow	8
<i>Schedule</i>	9
The Coverage	10
<i>Coverage</i>	11
The Mechanics	12
<i>Mechanics</i>	13
<i>Rounds</i>	14
<i>Scoring Summary</i>	16
<i>Awards</i>	17
The Registration	18
<i>Eligibility</i>	19
<i>Guidelines</i>	19
The FAQs	20

TABLE OF CONTENTS

ABOUT
PRIM



The Pisay Regional Mathematical Olympiad (PReMO) is a regional math competition hosted by the Pisay Math Circle of the Philippine Science High School Eastern Visayas Campus. The competition will include the participation of two (2) grade 5 students from schools of different divisions across Region 8.

The competition will be held at the Philippine Science High School - Eastern Visayas Campus Multimedia Center (MMC) on the **4th of April, 2024** during the PSHS-EVC SMT Week.

Registration is free but participants must provide their own snacks and meals. Food stalls and the cafeteria will be available to cater to these needs.

Please pre-register for the event by filling out the GForm (<https://forms.gle/gxw246y5ha6QH69EA>) **on or before March 30, 2023, 11:59 PM** and await confirmation through the official pmc@evc.pshs.edu.ph email. We will follow a strict first come first serve basis among our limited slots, but we will make sure that the region is adequately represented.

During the competition, all participants must be in their school uniform.

The competition consists of 3 rounds: the easy, average, and difficult rounds, each composed of Mathematical questions catered to the expected aptitude and Math curriculum of Grade-5 and Grade-6 students. At the end of the competition, participants who reach a cut-off score will receive bronze, silver, or gold medals.

**GENERAL
INFORMATION**

To inspire and expose young mathematically inclined students with the holistic approaches of Mathematics to real-world problems by enriching their collaborative problem-solving skills.

MISSION

We envision PReMo to be a catalyst towards the innovation of newfound ways of crafting solutions to pressing problems as well as the development of creativity, critical thinking, and teamwork among young minds within the Eastern Visayas Region for years to come.

VISION

THE
TIM
LINA



PISAY
MATH
CIRCLE

Philippine Science High School
Eastern Visayas Campus

March 29, 2024
Deadline for Registration



April 04, 2024
Competition Proper

IMPORTANT
DATES

THE
PROGRAM
FLOW

TIME	ACTIVITY
11:00 - 12:00	Arrival of Participants/ Lunch
12:00 - 12:30	Registration of Participants
12:30 - 12:50	Opening Program
12:50 - 01:00	Break
01:00 - 03:00	Competition Proper
03:00 - 04:00	Closing and Awarding

* The whole event will be held in the Philippine Science High School - Eastern Visayas Campus Multi Media Center (MMC), 1st Floor ACA1 Building.

THE
COW
RAG

- *Divisibility*
- *Order of Operations*
- *Factors and Multiples*
- *Ratio and Proportion*
- *Fractions and Decimals*
- *Percentage*
- *Polygons, Circles, and Solid Figures*
- *Simple Sequences*
- *Simple Equations*
- *Time*
- *Circumference*
- *Area*
- *Volume*
- *Temperature*
- *Line Graph*
- *Simple Probability*
- *Measures of Central Tendency*
- *Mathematicians and Math Trivias*

THE
MECHANICS

- The competition will follow the format of a Quiz Bee consisting of 45 Items distributed into Easy, Average, and Difficult parts with each part increasing in difficulty and points. This is to encourage collaboration within the pairs as well as for participants to feel the excitement of math through friendly competition.
- The Quiz Bee will be completed within **2 hours**.
- The participants will compete in pairs and will be provided with whiteboards, markers, erasers, and solution papers.
- The questions will be read orally twice as well as presented visually through a projector
- The timer for each question will begin after the final reading
- When the timer is up, all contestants must raise their whiteboard **immediately** otherwise their answer will not be considered

- This round consists of 20 questions worth 30 seconds each worth 2 points.
- This round is encouraged to be done mentally and thus **no solution paper will be provided** but participants may solve on their whiteboards as long as their final answer is clearly distinguished.

EASY ROUND

- This round consists of 15 questions worth 2 minutes each worth 5 points.
- Solution paper will be provided by the organizers for this round and beyond.

AVERAGE ROUND

- This round consists of 10 questions worth 5 minutes each worth 10 points.
- Solution paper for this round will be provided by the organizers for this round
- Some questions will require **COMPLETE SOLUTIONS** to earn full points.

DIFFICULT ROUND

- Time is allotted after each question within the **AVERAGE** and **DIFFICULT ROUNDS** for coaches and participants to contest their answers with the final verdict given to the Board of Judges.
- The use of calculators and any form of assistive device is prohibited throughout the competition proper. Contestants caught doing so will immediately be disqualified.
- Contenders are not allowed to bring extra sheets of paper with them once the competition proper begins; instead, they will be given sheets of paper to serve as solution sheets. Should the given solution sheets prove to be insufficient and they wish to ask for more, they may raise their hand and wait for the proctor to approach them.

ROUND	<i>EASY</i>	<i>AVERAGE</i>	<i>DIFFICULT</i>
TIME LIMIT	30 <i>seconds</i>	2 <i>minutes</i>	5 <i>minutes</i>
NO. OF QUESTIONS	20 <i>questions</i>	15 <i>questions</i>	10 <i>questions</i>
POINTS	2 <i>points</i>	5 <i>points</i>	10 <i>points</i>
TOTAL POINTS	40 <i>points</i>	75 <i>points</i>	100 <i>points</i>

- The teams with tied scores will be given one problem to be solved with no time limit. The first team to raise the correct answer will automatically take the higher rank in the competition.

SCORING SUMMARY

PLACE	AWARD
1st place	GOLD
2nd and 3rd place	SILVER
4th and 5th place	BRONZE
6th to 10th place	Cert. of Merit

* All pupil contenders will be given Certificates of participation along with their accompanying Coach.

THE REGISTRATION



- The competition is open to all bona fide Grade-5 pupil studying within the Eastern Visayas region. All interested schools shall send two (2) pupil representatives, preferably one (1) male and one (1) female.
- Only one coach may accompany the team in the competition's venue proper.

ELIGIBILITY

- Schools must first pre-register their contenders to secure a slot in the competition before proceeding to the registration proper. Both pre-registration and registration are devoid of fees and are completely free.
- After accomplishing our pre-registration process, please wait for our reply to ensure we have received your information. Please constantly check your provided email address to avoid missing the confirmation. To expedite the process, we will hold the pre-registration process in our online Google Form.
- The prospective pupil contenders should pre-register through the following stream: <https://bit.ly/premo2024prereg>
- After receiving our confirmation for your school's participation, your contact person will be given a soft copy of the registration form. You are to fill-out the said form and print a hard copy to be brought onto the venue proper. To clear up any confusion, this registration form is separate from the pre-registration GForm. The registration will be held onsite, at the start of the program of the competition proper.

GUIDELINES

THE
FAQS

Will participants be subsidized for expenses throughout the activity?

The pupil contenders' team will take charge of all the expenses incurred by his/her participation, which may include the following:

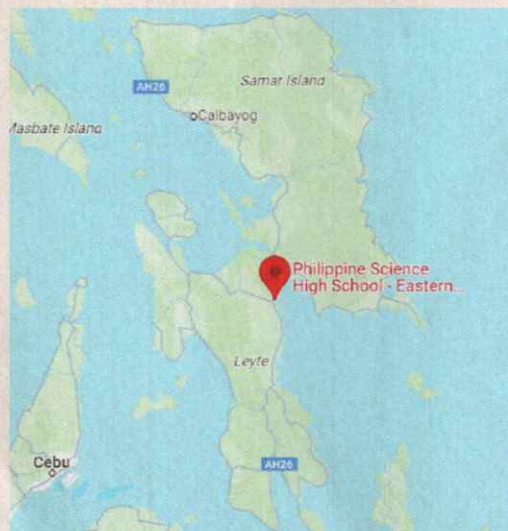
- Transportation
- Accomodation
- Meals and Snacks
- Materials for the competition
- Contingency Funds

What to bring in the competition proper?

- Remember that you will be responsible for your writing materials, so don't forget to bring a **blue** or **black** ballpen in the competition proper.
- You might also find yourself thirsty or hungry throughout the duration of the contest. Please don't hesitate to bring snacks or goodies! And remember, always be hydrated!

Venue of Competition [incl. In-campus Directions]

- The competition will be held on the Philippine Science High School - Eastern Visayas Campus grounds. Shown below is a map pinpointing the location of the campus relative to other municipalities and provinces in Region VIII.



- Kindly access the attached Google Maps link to view the route to the campus relative to your location. ([http:// bit.ly/ premo24route](http://bit.ly/premo24route))
- Once inside the campus, you will be guided by ushers and usherettes to the Multimedia Center (MMC), wherein the program as well as the contest proper will be held.