



Republic of the Philippines
Department of Education
REGION I
SCHOOLS DIVISION OF VIGAN CITY

DIVISION MEMORANDUM

No. 693 s. 2025

PAMES-CASIO MATHEMATICS CHALLENGE+ (PCMC+)

To: Secondary School Heads (Public and Private)

1. Pursuant to Regional Memorandum No. 1235 , s. 2025, the Philippine Association of Mathematics Educators and Specialist (PAMES) in partnership with CASIO Education Philippines shall conduct the PAMES-CASIO Mathematics Challenge+ (PCMC+) on October 25, 2025 for the Elimination Round and March 14, 2025 for the Grand Finals.
2. The competition is uniquely designed to promote the development and application of higher-order thinking skills (HOTS) in solving mathematics problems aligned with the current curriculum standards. Further, it emphasizes the use of scientific calculators to enhance students' computational efficiency and analytical reasoning.
3. For any queries or concerns, you may contact Mr. Aaron John A. Moriones, Academic Coordinator through 09190861601 or through email at academy1@mariusholdings.com.
4. Attached is the guidelines for the PAMES-CASIO Math Challenge+ for reference.
5. For information and immediate dissemination.

[Signature]
VILMA D. EDA, CESO V
Schools Division Superintendent

Encl: As indicated
Reference: Regional Memorandum No. 1235, s. 2025
To be indicated in the Perpetual Index
Under the following subjects:

CONTEST MATHEMATICS

CID/pfc/DM-PAMES
September 16, 2025



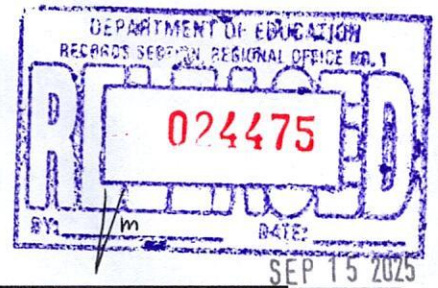
Address: Mena Crisologo St. corner Rivero St., Brgy. IX, Vigan City, Ilocos Sur
Telephone No: (077) 722-20-23 / (077) 632-05-33
Email Address: vigan.city@deped.gov.ph
Website: www.depedviganacity.com

Your Feedback is important to us. Visit this link bit.ly/SDOViganCityCSM





Republic of the Philippines
Department of Education
REGION I



REGIONAL MEMORANDUM

No. 1235 s. 2025

PAMES-CASIO MATHEMATICS CHALLENGE+ (PCMC+)

To: All Schools Division Superintendents
All Others Concerned

1. In reference to the letter received by this Office dated September 12, 2025, the Philippine Association of Mathematics Educators and Specialist (PAMES) in partnership with CASIO Education Philippines shall conduct the PAMES-CASIO Mathematics Challenge+ (PCMC+) on October 25, 2025 for the Elimination Round and March 14, 2026 for the Grand Finals.

2. The competition is uniquely designed to promote the development and application of higher-order thinking skills (HOTS) in solving mathematics problems aligned with the current curriculum standards. Further, it emphasizes the use of scientific calculators to enhance students' computational efficiency and analytical reasoning.

3. For any queries or concerns, please contact Aaron John A. Moriones, Academic Coordinator through 09190861601 or through email at academy1@mariussholdings.com.

4. For information and guidance.

TOLENTINO G. AQUINO
Director IV

Encl: As stated
Reference: As stated

To be indicated in the Perpetual Index
Under the following subjects

LEARNING AREA, MATHEMATICS

CLMD/rap/RM_PCMC+
September 12, 2025

ANNOUNCEMENT!



PCMC+

REGISTRATION DEADLINE

MOVED TO: **OCTOBER 15, 2025**

VENUE: MANDALUYONG CITY (TBA)

ELIMINATION DATE MOVED TO: **OCTOBER 25, 2025**

FINALS: **MARCH 14, 2026**

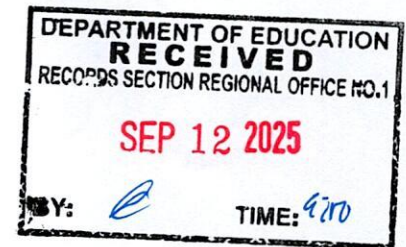


3 September 2025

MR. TOLENTINO G. AQUINO

Regional Director

DepEd Region I – **Ilocos Region**



Through:

MS. RICA PEREZ

Regional Education Program Supervisor - Mathematics

DepEd Region I – **Ilocos Region**

Dear **Mr. Aquino**,

Greetings of peace and excellence! We are pleased to inform your good office of the **PAMES-CASIO Mathematics Challenge+ (PCMC+)**, a national-level mathematics competition spearheaded by the **Philippine Association of Mathematics Educators and Specialist (PAMES)** in partnership with **CASIO Education Philippines**.

This competition is uniquely designed to promote the development and application of **higher-order thinking skills (HOTS)** in solving mathematics problems aligned with the current curriculum standards. It emphasizes the use of scientific calculators, particularly the **CASIO fx-570ES PLUS - C**, to enhance students' computational efficiency and analytical reasoning.

The PCMC+ aims to:

- Nurture mathematical talent among Filipino learners nationwide.
- Integrate innovative calculator techniques in problem-solving.
- Prepare students for international assessment frameworks such as **PISA**.

We respectfully seek your support in disseminating this initiative to all public and private schools within your region and encouraging participation among qualified learners. This opportunity not only showcases mathematical excellence but also reinforces the importance of technology integration in mathematics education.

We would be grateful for your endorsement and assistance in ensuring wide participation from your region. Should you require further details, please feel free to contact us at 09190861601 or through email at academy1@mariusholdings.com.

Thank you very much for your continued support of mathematics education.

With sincere appreciation,



AARON JOHN A. MORIONES
Academic Coordinator





PCMC+

**For ALL PRIVATE AND PUBLIC SECONDARY SCHOOLS
(OPEN FOR ALL G7 TO SHS (INDIVIDUAL), ALL REGIONS)**

Top prizes per category

1st place: Gold Medal and P10,000
2nd place: Silver Medal and P5,000
3rd place: Bronze Medal and P3,000

REGISTRATION UNTIL
SEPTEMBER 15, 2025
 VENUE: MATAAS NA PAARALANG
NEPTALI A. GONZALES (MPNAG)
 DIVISION: SEPTEMBER 27, 2025
 FINALS: MARCH 14, 2026

FREE REGISTRATION!

In partnership with:
 **CASIO** 



REGISTRATION
QR CODE



PAMES-CASIO- MATHEMATICS CHALLENGE +

OVERVIEW

The **PAMES CASIO Math Challenge +** is a nation-wide mathematics competition that aims to create a vibrant culture of mathematics across junior and senior high schools in the National Capital Region (NCR). More than just identifying top performers, this challenge is designed to:

- Encourage widespread student participation and excitement in mathematics.
- Provide tangible recognition for a broad range of student achievements.
- Promote school and division pride through structured representation and awards.
- Build community spirit through friendly competition and shared milestones.
- Ensure fairness and transparency through a standardized scoring system.

To achieve these goals, the competition introduces tiered certificates, a clear progression across two rounds, (Semi-Finals and Grade Finals), and a point-based system that rewards both performance and participation. These mechanics have been intentionally designed to align with the goals above and are detailed in the sections that follow.

ELIGIBILITY

1. Participants:

- Category A: Public Schools (excluding Public Science High Schools)
- Category B: Public Science High Schools, and Private Schools

2. Registration:

Participants must register through their coach filling up the registration link below.

<https://tinyurl.com/RegPCMC2>

Schools must submit the following documents for each participant:

- Accomplished registration form.

JUDGING AND SCORING

1. Scoring System:

- 10 questions (Easy) – 2 points each
- 10 questions (Moderate) – 3 points each
- 10 questions (Difficult) – 5 points each

2. Tiebreaker:

In case of a tie, a sudden-death round will be conducted. Participants will answer a series of tie-breaker questions until the tie is broken.

AWARDS AND PRIZES

1. Participants:

- **Elimination Round:** Tiered Certificates will be applied for this year participants.

Certificate	Score Range
Distinction	90 and above
Merit	75–89
Honorable Mention	60–74
Participation	Below 60

TOP 5 students per grade per division will advance to the regional finals.

- **Grand Finals Awards:** Certificates, Medals, and Cash prizes for the top 3 scores.
 - 1st Place:** Gold Certificate, Gold Medal, and P10,000.00
 - 2nd Place:** Silver Certificate, Silver Medal, and P5,000.00
 - 3rd Place:** Bronze Certificate, Bronze Medal, and P3,000.00

2. School and Division:

- **Division Awards**

The **division score** is calculated as:

$$\text{Division Score} = \frac{\text{Total points earned by all participating schools}}{\text{Total number of schools in the division}}$$

The Top 3 divisions per category (A and B) will be awarded trophies.

IMPORTANT DATES

1. Elimination Round: September 27, 2025
2. Grand Finals: March 14, 2026

FINAL PROVISIONS

By joining the competition, participants agree to abide by all the rules and regulations set by the organizers. Failure to comply with the rules may result in disqualification. Let this event inspire young minds to excel in mathematics and promote the innovative use of CASIO calculators in classrooms.

3. Calculator Requirement:

- All participants must use the CASIO FX-570ES PLUS-2CWDT Transparent Calculator during the competition.
- Use of other calculators, models and brands or devices, is **STRICTLY PROHIBITED**.

4. COMPETITION FORMAT

	Category A	Category B
Exam	The competition consists of a one-round written examination. The examination will feature 30 questions divided as follows: • 10 questions (Easy) – 2 points each. • 10 questions (Moderate) – 3 points each. • 10 questions (Difficult) – 5 points each. Total score: 100 points.	
Elimination	60% of questions are do-able by most students. 40% are differentiator questions that identify higher-order thinking.	Olympiad Type Questions
Grand Finals		
Duration	Participants will be given 1.5 hours to complete the exam.	

Coverage	Elimination Round 1 st and 2 nd Quarter Competencies	Grand Finals 1 st to 4 th Quarter Competencies
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COMPETITION RULES

1. Venue

	Category A	Category B
Elimination	Mataas na Paaralang Neptali A. Gonzales	Mataas na Paaralang Neptali A. Gonzales
Grand Finals	TBA	

2. Identification:

Participants must wear their school uniform and school ID at all during the event.

3. Prohibited Items:

- Use of mobile phones, smartwatches, or other electronic devices is strictly prohibited.
- Participants found using unauthorized materials or devices will be disqualified.

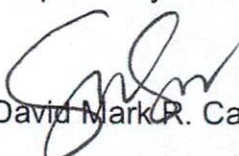
4. Exam Protocol:

- The use of scratch paper will be allowed; it will be provided by the organizers.
- Calculators must comply with the competition requirement (**CASIO FX-570ES PLUS-2CWDT Transparent Calculator**).
- Participants must stop writing once the time limit is reached; failure to comply will result in penalties.

ADDENDUM for the MOU with CASIO SINGAPORE PTE LTD

Requesting Strand	External Partnerships Service
Background/ Purpose	Casio Singapore Pte Ltd (CSPL) and Marius Holdings Corporation, collectively known as CSPL-MARIUS, entered a Memorandum of Understanding (MOU) with the Department of Education (DepEd) on March 13, 2025. The MOU involved the donation of 3,000 Casio Scientific Calculator Emulator Software subscriptions (valid for one year) and related Grade 9 mathematics learning materials.
Benefits to DepEd	To ensure full utilization of these resources, CSPL-MARIUS requested an extension of the partnership. An Addendum was made, and both parties agreed to extend the MOU's termination from May 2025 to May 2026. This extension allows continued implementation while maintaining all original terms and conditions.
Signatories	Main Signatories 1. Sonny Angara, Secretary, Department of Education 2. Mr. Shingo Yamaga, Managing Director 3. Mr. Brien Dominic Y. Chan, Business Development Manager Witnesses 1. Atty. Fatima Lipp D. Panontongan, Undersecretary & Chief of Staff 2. Mr. Koji Nishida, General Manager - CSPL
Duration	2025-2026 (1 year)
Program Cost	Program costs shall be shouldered by Casio Singapore Pte Ltd and Marius Holdings Corporation (CSPL) and shall not avail additional tax incentives. This will be at no cost to the DepEd.
Obligations of DepEd and CSPL	The Addendum to the Memorandum of Understanding extends the original agreement for one year, from May 2025 to May 2026. This means that all terms, conditions, responsibilities, and provisions stated in the original MOU dated March 13, 2025, will remain in full force and effect and are incorporated into the Addendum by reference.

Prepared by:


 David Mark R. Calma
 Technical Assistant

ADDENDUM TO THE MEMORANDUM OF UNDERSTANDING

This **ADDENDUM** is made and entered into this ____ day of _____ 2025, at _____ Philippines, by and between:

The **DEPARTMENT OF EDUCATION**, a government entity mandated by the law, particularly under Batas Pambansa Blg. 232, otherwise known as the "Education Act of 1982," as amended by Republic Act No. 9155, otherwise known as the "Governance of Basic Education Act of 2001," with principal address at DepEd Complex, Meralco Ave., Pasig City, represented herein by its **Secretary, JUAN EDGARDO M. ANGARA**, and hereinafter referred to as "**DepEd**";

-and-

The **CASIO SINGAPORE PTE LTD**, with an address at 331 North Bridge Road #21-01/06 Odeon 331, Singapore 188720, herein represented by its **MANAGING DIRECTOR, MR. SHINGO YAMAGA**, together with **MARIUS HOLDINGS CORPORATION** with an address at 5/F Marius Acropoli Building, #140 Katipunan Ave., St. Ignatius, Quezon City, Metro Manila, Philippines 1110, and herein referred to as the "**CSPL-MARIUS**";

WITNESSETH:

WHEREAS, DepEd and CSPL-MARIUS, executed a Memorandum of Understanding (MOU) dated March 13, 2025 for the donation of 3,000 Casio Scientific Calculator Emulator Software with One (1) Year Subscription and delivery of Grade 9 mathematics learning materials centered of real world math problem to selected public high schools;

WHEREAS, CSPL-MARIUS, desires to extend the partnership to two (1) year to fully utilize the learning materials and the Casio Scientific Calculator Emulator Software with One (1) Year Subscription;

WHEREAS, both parties mutually agree to extend the termination of the Understanding from May 2025 to May 2026.

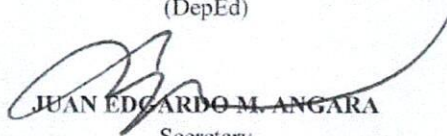
NOW THEREFORE, for and in consideration of the foregoing premises, the Parties hereby agree to the following:

1. The agreement shall be extended for one (1) year from the original termination date; and
2. All other terms, conditions, responsibilities, and provisions stated in the original MOU dated March 13, 2025, shall remain in full force and effect and are hereby incorporated into this Addendum by reference.

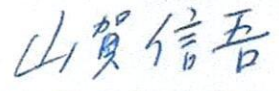


IN WITNESS WHEREOF, the parties hereto have executed this Addendum as of the date first above written.

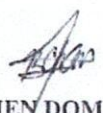
DEPARTMENT OF EDUCATION
(DepEd)


JUAN EDGARDO M. ANGARA
Secretary

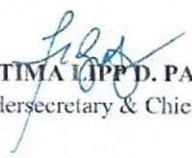
CASIO SINGAPORE PTE LTD


MR. SHINGO YAMAGA
Managing Director

MARIUS HOLDINGS CORPORATION


MR. BRIEN DOMINIC Y. CHAN
Business Development Manager

SIGNED IN THE PRESENCE OF:


ATTY. FATIMA LIPP D. PANONTONGAN
Undersecretary & Chief of Staff


MR. KOJI NISHIDA
General Manager - CSPL

ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)

_____) S.S.

BEFORE ME, a Notary Public for and in _____ personally appeared the following:

Name	Government Issued ID (Details)	Date and Place Issued
JUAN EDGARDO M. ANGARA		
Mr. SHINGO YAMAGA	TZ1167682	15/11/2016 JAPAN
Mr. BRIEN DOMINIC Y. CHAN		

Known to me and to me known to be the same persons who executed the foregoing Memorandum of Understanding, signed by the PARTIES and their instrumental witnesses, and they acknowledged to me that the same is their free voluntary act and deed and that of the corporations they represent respectively. This Memorandum of Understanding consists of 3 pages including the Annex and this page in which this acknowledgment is written, signed by the parties and their instrumental witnesses every page thereof.

WITNESS MY HAND AND NOTARIAL SEAL, on the date at the place first written above.

NOTARY PUBLIC

Doc. No. _____

Page No. _____

Book No. _____

Series of 2025

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