



Republic of the Philippines  
**Department of Education**  
NATIONAL CAPITAL REGION  
SCHOOLS DIVISION OFFICE OF MUNTINLUPA CITY

Office of the Schools Division  
Superintendent

AUG 22 2025

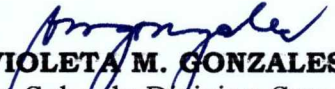
**DIVISION MEMORANDUM**

No. 414, s. 2025

**MAXIMIZING UNDERSTANDING THROUGH NEW TECHNIQUES AND INTEGRATION  
(MUNTI 2025): STRATEGIES FOR PRIOR KNOWLEDGE ACTIVATION AND  
REINFORCED KNOWLEDGE IN GEOMETRY AND ALGEBRA**

To: OIC-Assistant Schools Division Superintendent  
Chief Education Supervisor, Curriculum Implementation Division  
OIC-Chief Education Supervisor, School Governance and Operations Division  
Public Elementary School Heads/OICs  
All Others Concerned

1. Anchored on the **Program for Advancing Literacy in Mathematics (PALM)**, the flagship program of SDO, the above-mentioned activity will be conducted on **September 1-2, 2025, from 8:00 a.m. to 5:00 p.m. at Muntinlupa Elementary School.**
2. This training is designed to strengthen participants' conceptual grasp of Geometry and Algebra by activating prior knowledge and reinforcing essential skills through innovative strategies. Likewise, it will equip teachers with student-centered approaches to address misconceptions in Mathematics, fostering deeper understanding and improved learning outcomes.
3. Attached are the training matrix, the list of participants, and the members of the Learning and Program Management Teams, for reference.
4. Participants are requested to bring their laptop, extension wire, and pocket Wifi to ensure smooth participation in the session.
5. Immediate and wide dissemination of this Memorandum is desired.

  
**VIOLETA M. GONZALES**

Assistant Schools Division Superintendent  
Officer-In-Charge

 Office of the Schools Division Superintendent

Encl: As stated  
Reference: As stated  
To be indicated in the Perpetual Index  
Under the following subjects

CURRICULUM    PROGRAM    TRAINING    MATHEMATICS EDUCATION    TEACHERS

LGQ/Memo-Mathematics-Training

414 August 22, 2025 NUM-2025-414

414



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 NATIONAL CAPITAL REGION

SCHOOLS DIVISION OFFICE OF MUNTINLUPA CITY

**Maximizing Understanding through New Techniques and Integration (MUNTI 2025):**  
 Strategies for Prior Knowledge Activation and  
 Reinforced Knowledge in Geometry and Algebra

**A. TRAINING MATRIX**

| Time                | Topic  | Resource Person |
|---------------------|--|-----------------|
| September 1, 2025   |  |                 |
| 7:00 am – 8:00 am   | Registration   | EPS & TWGs      |
| 8:00 am – 8:30 am   | Preliminaries  | EPS & TWGs      |
| 8:30 am – 9:15 am   | Pretest  | EPS & TWGs      |
| 9:15 am – 9:30 am   | <b>Health Break</b>  |                 |
| 9:30 am – 11:00 am  | <b>Session 1:</b> 5-5-5 Quiz in Activating Prior Knowledge                                       | Math EPS        |
| 11:00 am – 12:00 nn | <b>Writeshop:</b> 5-5-5 Quiz based on the selected competency                                    | Math EPS        |
| 12:00 nn – 1:00 pm  | <b>Lunch Break</b>   |                 |
| 1:00 pm – 3:00 pm   | <b>Session 2:</b> Enhancing Problem-Solving Skills through Calculation Techniques                | Mr. Renato Mame |
| 3:00 pm – 3:15 pm   | <b>Health Break</b>  |                 |
| 3:15 pm – 4:30 pm   | <b>Session 2:</b> Enhancing Problem-Solving Skills through Calculation Techniques (Continuation) | Mr. Renato Mame |
| 4:30 pm – 5:00 pm   | QAME Day 1   |                 |
| September 2, 2025   |  |                 |
| 8:00 am – 8:30 am   | Preliminaries  | EPS & TWGs      |
| 8:30 am – 9:45 am   | <b>Session 3:</b> Angle Chasing  | Math EPS        |
| 9:45 am – 10:00 am  | Health Break   |                 |
| 10:00 am – 11:00 am | <b>Session 4:</b> Right Triangle   | Math EPS        |
| 11:00 am – 12:00 nn | <b>Session 5:</b> Factoring and Special Products   | Math EPS        |
| 12:00 nn – 1:00 pm  | <b>Lunch Break</b>   |                 |
| 1:00 pm – 3:00 pm   | <b>Session 6:</b> RMame's Triangle   | Mr. Renato Mame |
| 3:00 pm – 3:15 pm   | <b>Health Break</b>  |                 |
| 3:15 pm – 4:00 pm   | Post-test  | EPS & TWGs      |
| 4:00 pm – 4:15 pm   | QAME Day 2   | EPS & TWGs      |
| 4:15 pm – 5:00 pm   | Closing Program  | EPS & TWGs      |





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**B. PARTICIPANTS**

| School      | Names   |
|-------------|---|
| 1 AES       | ELIZABETH ANN R. VILLALVA JOVEN BRYAN TOLENTINO |
| 2 BES1      | ROD ANDREW F. BABERA REYNALDO O. BATARIO        |
| 3 BESM      | HAZZLE F. TEPAUREL ABDEL T. HEK                 |
| 4 BSES      | ANGIE D. HELICAN JOEMA T. CERVEZA               |
| 5 BuliES    | IMELDA C. CERVANTES ESSAN MAE D. BALMEO         |
| 6 CESA      | CLAUDIN R. DRILON BATSHEBA BELEN D. LIMBANGANON |
| 7 CESM      | CHONA B. OSIA JAY-AR Z. MAGNAYE                 |
| 8 FAES      | MHERFE E. LUMBANG JUVY D. LARAL                 |
| 9 FDEMES    | REYNOLD LOPEZ MARK JOSEPH P. SALAZAR            |
| 10 IES      | ADELAIDO G. GAN EUFROCINA M. DAPOC              |
| 11 LIS-Elem | RINA CATHERINE M. GALLANO ABBYGAIL A. PALAFOX   |
| 12 MES      | HERDELYN B. BAGNATE FRANCIS GIO C. CAMPOS       |
| 13 PES      | EDLENE ALLYNA S. SOLANO ELIZALDE R. LUGTU       |
| 14 POBES    | LEONA S. SENA MARILOU D. REMOT                  |
| 15 SESM     | RICKY P. MADERAZO ELOISA A. JARA                |
| 16 SESSPAZ3 | AILYN T. OCAY                                   |
| 17 SESSPAZ4 | MARRYCHAR C. MALAGUENO JOCELYN G. PENDIODAY     |
| 18 SHES     | MARY ANN B. VILLADOLID GRACITA VALLADORES       |
| 19 TES      | SHIELA BREEZE M. TARINAY REGINA O. COMISARIO    |
| 20 VHES     | DAISYRE R. ROMERA MICHAEL M. BLANDO             |
| 21 LIS-JHS  | RITCHIE M. PEREA MICHELLE DARLING P. LERIOS     |
| 22 MBHS-M   | MARVIN N. VIÑALON CARMENA G. SANTOS             |
| 23 MBHS-SA  | RAYNOLD R. TRINIDAD REA M. ORCULLO              |
| 24 MNHS     | JOHN KENNETH L. MAGNAYE ANGELO S. REYES         |
| 25 MSHS     | MARK PAUL J. PALMA JAYSON C. PADOLINA           |
| 26 PEDHS    | EMALYN M. BALLONADO JOHN PAUL C. PADILLA        |
| 27 PNHS     | ELEANORE P. GUTIERREZ JAYSON DE CASTRO          |
| 28 TNHS     | JOSE C. MAZARATE JIMHELYN P. HERNANDEZ          |



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**C. TECHNICAL WORKING GROUP**

| Name                | Position                                  | Office |
|---------------------|---|--------|
| ANDREI F. SICAM     | Education Program Specialist II - HRD     | SGOD   |
| CHELO D. RONGAVILLA | Education Program Specialist II - SMM & E | SGOD   |

Prepared by:

  
**LAMBERT G. QUESADA**  
EPS-Math

Noted by:

  
**DR. FLORANTE C. MARMETO**  
Chief-Education Supervisor  
Curriculum Implementation Division

