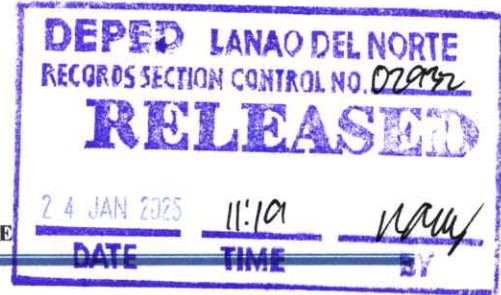




Republic of the Philippines
Department of Education
Region X – Northern Mindanao
SCHOOLS DIVISION OF LANA DEL NORTE



17 January 2025

DIVISION MEMORANDUM
No. 046 s. 2025

CORRIGENDUM AND ADDENDUM TO DIVISION MEMO No. 611 s. 2024
DIVISION MATHEMATICS OLYMPICS

To: Education Program Supervisors
Public Schools District Supervisors
Coordinating School Principals
School Principals
This Division

1. The field is hereby informed of the following addendum and corrigendum to Division Memo. No. 611 s. 2024 dated December 11, 2024, re: Division Mathematics Olympics:

- a. The date and venue of the Division Math Olympics is on **February 4, 2025**, at **Baroy Central Elementary School**.
- b. The schedule for the clustered districts/schools Math Olympics are as follows:

| Cluster | Elementary | Contest Venue | Date |
|---------|--|--------------------------------|------------------|
| 1 | Districts of Baloi East & West, Pantar & Tagoloan | Maria Cristina CES, Baloi East | January 30, 2025 |
| 2 | Districts of Kauswagan, Linamon, Matungao & Pantao Ragat | Linamon CES | January 23, 2025 |
| 3 | Districts of Poonapiagapo, Bacolod & Munai | Bacolod CIS | January 28, 2025 |
| 4 | Districts of Magsaysay, Maigo, Kolambugan & Tangcal | Kolambugan CES | January 23, 2025 |
| 5 | Districts of Baroy North & South, Tubod East & West | Rufo CIS | January 22, 2025 |
| 6 | Districts of Salvador, Lala Central, North & South | San Manuel ES, Lala South | January 30, 2025 |
| 7 | Districts of Sapad, Kapatagan Central, East & West | Kapatagan East CES | January 23, 2025 |
| 8 | Districts of Nunungan, SND West, East & Central | Mamagum IS | January 30, 2025 |



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| Cluster | Secondary schools | Contest Venue | Date |
|---------|---|---------------|------------------|
| 1 | Abaga IS, Baloi NHS, Cadayonan IS, D.T. Ali IS, Nangka IS, Sigayan IS, Olango IS, Munai CIS, Munai NHS, Pendolunan IS, Ramain IS | Baloi NHS | January 28, 2025 |
| 2 | PRAIHS, Pantar NHS, Poonapiagapo CIS, Poonapiagao NHS, Kaiser IS, Lininding IS, Tagoloan NHS, Tagoloan IS, Tumble IS | Pantar NHS | January 28, 2025 |
| 3 | Bacolod CIS, Bin-De NHS, Kahayag IS, Liangan NHS, Pagayawan IS, Baraason IS, Kawit Or ISF, M. Mabanta NHS, SD Mananggolo IS, Matampay IS, A.A. Liwalug NHS | Liangan NHS | January 28, 2025 |
| 4 | D. Patigayon NHS, G. Cabrera NHS, Manga IS, Linamon NHS, Samburon IS, A. Logronio IS, Maigo NHS, Mentrang IS, Beruar IS, Big Banisilon IS, Pelingkingan IS, Tangcal NHS | Linamon NHS | January 30, 2025 |
| 5 | D. Yap NHS, LNNCHS, Magsaysay NHS, S. Cerujales NHS, S. Omar IS, Tambacon IS, A. Quibranza NHS, T. Quibranza NHS, Dalama IS, LNPSTHS, Pigcarangan IS, Rufo CIS | Teofila QNHS | January 23, 2025 |
| 6 | Lala NHS, Lala Proper IS, G. Lim IS, Masibay IS, Nunungan NHS, Madaya IS, Salvador NHS, M. Esmade IS, Panoloon NHS, Sapad CIS | Lala NHS | January 28, 2025 |
| 7 | KKIPS, Kapatagan NHS, Bansarvil NHS, Cathedral Falls IS, Don Juan Diaz IS, Suso IS, Carusa IS, P. Mequiabas NHS, Taguitic IS | Kapatagan NHS | January 30, 2025 |
| 8 | A.Bersales NHS, Calube IS, Mabuhay IS, Mahayahay IS, Mamagum IS, SADMIS, SND MIS, Pikalawag IS, Maguindanao IS | Mamagum IS | January 30, 2025 |

- c. **Individual Math Quiz:** Each cluster will submit a minimum of three questions each in the following categories: easy, average, difficult, and clincher, for Grades 3, 6, 10, and 12. The deadline for submission is **January 24, 2025**, through email to lorraine.olavides@deped.gov.ph.
- d. **Math Games/ Innovation Contest:** Contestants are advised to upload their recorded video presentations and write-ups to the google drive at <https://tinyurl.com/3p5a4wcu> by **January 28, 2025**. The materials must be brought on **February 4, 2025**.
- e. **Math Story Book Writing Contest:** Contestants are required to submit three hard copies of their manuscripts to the Division Office by **January 28, 2025**. The judging will take place on **February 4, 2025**.
- f. **Math Tessellation Arts Contest:** This has changed from a virtual/pre-recorded format to a face-to-face event. Contestants will now create their tessellation arts live at the contest venue using the original two-dimensional shape of a regular polygon within a **two-hour time limit**. The tessellation arts must be presented in **landscape orientation**. The judging criteria are as follows: complexity (25%), creativity (25%), originality (25%), workmanship (15%), and neatness (10%).
- g. **Virtual Quadratic Dance:** Participants should form teams of 6 to 10 members from Grades 7 to 12. A certificate from the principals of the participating schools verifying the grade levels of the contestants is required. This certificate must be submitted along with the pre-recorded video. The competition is no longer categorized as Hip-Hop. Teams are expected to perform a choreography based on the provided quadratic functions, using the official music "MMJ-Daleng Dale (Official Music Video)," accessible through <https://tinyurl.com/3mas45n9>.

QUADRATIC DANCE 2024-2025

1. $Y = x^2 + 4$
2. $Y = -2(x - 4)^2$
3. $Y = -2(x + 6)^2 - 4$
4. $Y = 2x^2$
5. $Y = (x - 3)^2 + 5$
6. $Y = -2(x + 4)^2$
7. $Y = 3x^2 - 4$
8. $Y = -4x^2$
9. $Y = (x - 5)^2 + 5$
10. $Y = 2(x + 4)^2$
11. $Y = -x^2 - 3$
12. $Y = -(x + 6)^2$
13. $Y = 3x^2 - 5$
14. $Y = (x - 6)^2$
15. $Y = -(x + 4)^2$

h. Participating secondary schools are advised that the deadline for uploading prerecorded video presentations is **January 27, 2025, at midnight**. Please submit your videos to the google drive at <https://tinyurl.com/3234cr4d>. The judging, involving all participating coaches, will begin on **January 28, 2025**. Coaches are required to submit their judging results in PDF format by **January 29, 2025, at 12:00 PM**. Results should be sent via email to lorraine.olavides@deped.gov.ph. Late submission of evaluation will not be accepted. Contest administrator and tabulators are instructed to report to the Division Office on **January 29, 2025, at 1:00 PM** for the consolidation and tabulation of results. The top 5 contestants will present their final performance on **February 4, 2025**, at Baroy Central Elementary School. This final round will determine the final ranking.

2. The following are the members of the Technical Working Committees:

| Activity | Elementary | Secondary |
|---|--|--|
| Venue & Hall Preparation | Edna Chan, Baroy CES and Baroy Teaching Force | |
| Registration / Secretariat Awards/ Certificates | Francisco Vedra, Manan-ao ES, Baroy South | Cherry Joy Ebo, LNNCHS, Baroy North |
| | Josephine Cadallo, Bulod ES, Tubod West; Susan Ramos, Bulod ES, Tubod West | Maita Bauya, TQNHS, Tubod East; Joyce Godes, TQNHS, Tubod East |
| Documentation/ Narrative Report | Darryl Demapitan, Mabatao ES, Salvador; Marivel Ongy, Salvador CES, Salvador; Rowena Cabador, Mabatao ES, Salvador | Analyn Sagal, D.Patigayon NHS, Kolambugan; Maria Loyda T. Bagsican, Pigcarangan IS, Tubod West; Jamalie C. Lomantong, Salvador NHS |
| Foods & Snacks | Marilyn Sienes, Miguel Esmade IS, Sapad Johiry Dibratun, Mala Salug ES, Sapad | Imee P. Servano, P Mequiabas NHS, Kapatagan East ; Janely A. Almazan, Taguitic IS, Kapatagan West |

CONTEST CATEGORIES WITH WORKING COMMITTEES

A. Math Games/Innovation (Teacher Category)

| Role | Elementary | Secondary |
|---------------|---|---|
| Contest Admin | Myleen Diaz, Rufino Santos ES, Bacolod | Juan Alimasag, Linamon NHS, Linamon |
| Judges | Myles M. Sayre, LRMDS PDO 2 Sonia N. Gumilao, Maigo NHS Rowena E. Lontayao, EPS | Myles M. Sayre, LRMDS PDO 2 Jestoni Jueves, Andres Bersales NHS Lorraine C. Olavides, EPS |
| Tabulator | Ivy Sayson, Lala NHS, Lala Central | |



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Website: depedldn.com

B. Individual Math Quiz – for Grade 3, Grade 6, Grade 10 and Grade 12

| Role | Elementary | Secondary |
|---------------|---|---|
| Contest Admin | Marivic A. Bahungsuwa , Malingao CES, Tubod East | Rico D. Viernes , Kapatagan NHS, Kapatagan Central |
| Quizmaster | Daine P. Pandan , Bacolod CIS | Marisol Fe Salarda , Lala NHS |
| Judges | Joel Maraviles , Cathedral Falls ES, Kapatagan | Marichu Licanda , Liangan NHS, Bacolod |
| | Rey Q. Garcillanosa , Kapt CES | Rene Monteza , Magsaysay NHS |
| | Lorna V. Barazona , San Manuel ES, Lala South | Dante Alboroto , Bansarvil NHS, Kapatagan East |
| Time Keeper | Joan Sobere , Baroy CES | Aprilyn Turan , Bansarvil NHS |
| Scorers | Emelia Inguito , Tubod CES | Michelle B. Agawin , Kawit Or. IS |
| | Liza Berezo , Bagong Dawis ES, Baroy South | Jefferson Cabahug , Magsaysay NHS |
| Proctors | Helen Chui , Felix S. Dablo ES | Jennifer Ente , AAQNHS, Tubod East |
| | Mary Grace dela Pena , ERMES, Kolambugan | Cherry Lynne Yangyang , D.Yap NHS, Baroy South |
| | Sharon Cornel , FM Posadas ES, Lala North | Levie Dugan , Panoloon NHS, Sapad |

C. Math Story Book Writing Contest (Teacher Category)

| Role | Elementary | Secondary |
|---------------------------|--|---|
| Contest Admin & Tabulator | Norjanah Untong , Sultan Palao Ali ES, Tagoloan | Genvie T. Sayon , Kapatagan NHS, Kapatagan Central |
| Judge | Jocelyn Camiguing , LRMDs | Superiano Maglangit , PSDS |
| | Marife B. Vicoy , EPS | Dennis B. Dozano , EPS |
| | Lorraine C. Olavides , EPS | Carol Balwit , EPS |

D. Quadratic Dance Competition for Secondary Learners

| Role | Secondary |
|-------------------------------|---|
| Contest Admin/ Facilitator | Elizabeth Lambojon , Lala NHS, Lala Central |
| | Dexter Oamil , Lala NHS, Lala Central |
| Judges | All coaches of the participating schools (Elimination Round) Final Round: Robin Tabar , EPS Rotsen Escorial , EPS Angelito Barazona , EPS |
| Tabulators | Hermit D. Belano , Bansarvil NHS Julieta P. Ligue , Geronima Cabrera NHS |

E. Math Tessellation Arts for Elementary and Secondary Learners

| Role | Elementary | Secondary |
|---------------|--|--|
| Contest Admin | Roldan Mutia , Lanipao CES, Lala North | Bashier S. Amen , Baloi NHS |
| Judges | Reynaldo Arcillas , Sixto Maghanoy CES | Elsa A. Monteza , Sergio Cerujales NHS, Magsaysay |
| | Rodeoscita Ann O. Pancipanci , Marcela Mabanta NHS, Kauswagan | Jocelyn M. Manosa , LNPSTHS, Tubod East |
| | Ricardo Abalo , District Inchagre | Kristine J. Timo , EPSA |
| Tabulators | Marc Will Villacora , Tubod CES | Jeffrey Fabian C. Barrientos , G. Cabrera NHS, Kolambugan |

F. Sudoku Competition for Elementary and Secondary Learners

| Role | Elementary | Secondary |
|---------------|--|--|
| Contest Admin | Josephine Cadallo , Bulod ES, Tubod West | John Anthony Lomosad , A. Quibranza NHS |
| Judges | Eduardo Pahayahay , Maranding CES, Lala Central | Analiza Salupan , Panoloon NHS, Sapad |
| | Kween Liz M. Tangian , Tubod CES, Tubod West | Hydee Herbito , Tagoloan NHS, Tagoloan |
| | Fe Jabajab , Kapatagan CES, Kapatagan Central | Lurelyn R. Umel , Samburon IS, Linamon |
| Tabulator | Esnaria B. Mascara , Maliwag ES, Pantao Ragat | Rowell Llaca , LNNCHS, Baroy North |

G. DaMath Competition for Elementary and Secondary Learners

Contest Administrators: **Sarah Mapandi**, KolambuganCES, Kolambugan (Binary & Fraction)
Rosario G. Ramo, Mamagum IS, SND West (Counting & Whole)
Domiciano Lanticse, Lala NHS, Lala Central (Integer, Rational & Radical)
Chowelito S. Pagulayan, LNPSTHS, Tubod (Polynomial & Binary)

Arbiters in every DaMath Category:

g.1 Binary DaMath (Teacher Category for elementary)

Ingrid N. Penaflor, Rupagan ES, Bacolod ; **Jocelyn Fernan**, Liangan West ES, Maigo

g.2 Fraction DaMath (one contestant either Grade 5 or 6 learner)

Susan O. Barba, Abaga CES; **Gina H. Lucero**, Linamon CES, Linamon

g.3 Counting DaMath (one contestant either Grade 1 or 2 learner)

Rosalie Astillero, A. Logronio ES, Maigo; **Richelle D. Mainar**, Baroy CES

g.4 Whole DaMath (one contestant either Grade 3 or 4 learner)

Agustria Pahayahay, Saavedra ES, Lala South; **Nancy H. Dairo**, Maranding CES, Lala Central

g.5 Integer DaMath (one contestant from Grade 7)

Glenn Mahinay, Lala NHS; **Cheryl Reyes**, LNNCHS

g.6 Rational DaMath (one contestant from Grade 8)

Samsidah Gubaten, Pantar NHS; **Ace Amir C. Prescillas**, MM Mabanta NHS



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g.7 Radical DaMath (one contestant from Grade 9)
Jhunje B. Monera, Mamagum IS; *Nilo Tiongco*, Liangan NHS

g.8 Polynomial DaMath (one contestant Grade 10)
Joselito Taoc, Binuni NHS; *Emma Taoc*, Liangan NHS

g.9 Binary DaMath (SHS learner for secondary level)
Gideon Mejias, Lala NHS; *Ian Luy*, Tagoloan NHS

3. There will be **Math Learning Stations (Exhibition Games and Math Manipulatives)** will be set up. These stations will showcase teacher-made math games and manipulatives. Teacher-coaches and learners are encouraged to visit each station and actively participate in the provided mathematical tasks. The following individuals are designated as facilitators of the different learning stations. They are responsible for preparing the necessary materials and ensuring the proper setup of their respective station venues:

Elementary Level:

Station 1: **Sungka-Math** - *Lady Lorenz P. Cabriana*, Tubod CES, Tubod West

Station 2: **Slides & Ropes** - *Daisy Pearl S. Buca*, Tubod CES, Tubod West

Station 3: **Fraction Henyo** - *Eleanor M. Diambrang*, Dansalan ES, Sapad

Station 4: **Peri-Area** - *Marc Joahmna Villacora*, Patudan ES, Tubod West

Station 5: **SubtrAdd Bars** - *Julie Mae L. Jueves*, Dalama IS, Tubod East

Secondary Level:

Station 1: **Sequence Crabble** - *Raffy Villoria*, Dalama IS, Tubod East

Station 2: **Poolnomial** - *Jonathan Bienes*, Andres Bersales NHS

Station 3: **ArGeom Sequence** - *Hermit Belano*, Bansarvil NHS

Station 4: **GYMETHA** - *Glenn Mahinay*, Lala NHS

Station 5: **Quad Throw** - *Joevan Trozo*, Maigo NHS

4. Every cluster is advised to organize its Technical Working Group during the cluster competition. This group should be composed of teacher coaches, school heads, or non-teaching personnel.

5. The **top two winners** from each cluster in all contest categories, except for Quadratic Dance, Math Story Writing, and Math Games/Innovation, will compete at the division level on **February 4, 2025**.

6. Each cluster must submit a **completion report** to lorraine.olavides@deped.gov.ph by **January 30, 2025**. Additionally, they should submit the certificates of recognition of the winners and winning coaches on the same date for the signature of the Schools Division Superintendent. Please use the attached template for the report and certificates.

7. Other provisions indicated in Division Memo No. 611, s. 2025 remain in effect.

8. For information, guidance and compliance.

EDWIN R. MARIBOJOC EdD, CESO V
Schools Division Superintendent

ATCHD.: As stated
Reference: None
To be indicated in the Perpetual Index
under the following subjects

CURRICULUM

MATHEMATICS

COMPETITION

CID EPS/ lcoe
January 17, 2025



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PROGRAM COMPLETION REPORT

| | |
|--------------------------------------|--|
| Program Title | CLUSTERED MATHEMATICS OLYMPICS |
| Cluster (Elem or Sec) | |
| Venue | |
| Program Objectives | <ol style="list-style-type: none"> 1. Strengthen the mathematical skills of the learners by performing different Math hands-on activities. 2. Provide the learners the opportunities to showcase their potentials and strengthen their confidence and self-esteem. |
| Date | |
| Number of Participants (by Event) | A. Individual Quiz B. Math Tessellation Arts C. Sudoku D. DaMath |

List of Winners by Contest Events:**Insights:****General Comments and Issues encountered:**

PICTORIAL (at least 8 clear and in action pictures with caption)



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Republic of the Philippines
Department of Education
REGION X- NORTHERN MINDANAO
DIVISION OF LANA DEL NORTE

Certificate of Recognition

is awarded to

for being the

Fifth Place (Radical DaMath)

during the

2023 DIVISION MATHEMATICS OLYMPICS

on _____ held at _____, Lanao del Norte.

Given this ___ day of January, 2025 at _____, Lanao del Norte.

EDWIN R. MARIBOJOC EdD, CESO V
Schools Division Superintendent

2025 DIVISION MATHEMATICS OLYMPICS**Entry Form**

This is to inform the 2025 Division Mathematics Olympics Committee the official contestants of Cluster _____ (*Elementary/ Secondary*) who will participate on **February 4, 2025**:

| Event/ Contest | Number of Participants | Name of Coach | School/ District |
|----------------|------------------------|---------------|------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Prepared by:

District Math Lead Principal/Coordinator

Approved:

Public School District Supervisor

NOTE: The deadline for submission of this form will be **January 30, 2025** through lorraine.olavides@deped.gov.ph _____



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[illegible]

Clustered MATHEMATICS OLYMPICS

Venue: _____

Date: _____

MATH TESSELLATION CONTEST

| Name of Contestant | School & District | Complexity 25% | Creativity 25% | Originality 25% | Workmanship 15% | Neatness 10% | Total 100% | Rank |
|--------------------|-------------------|-------------------|-------------------|--------------------|--------------------|-----------------|---------------|------|
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |


Judge 1: _____

Judge 2: _____

Judge 3: _____

[illegible]

DaMath Tabulation




Clustered MATHEMATICS OLYMPICS

Date: _____

Venue: _____

DAMATH: _____



| No. | School & District | Round 1 | Round 2 | Round 3 | Round 4 | Round 5 | Championshi | | Rank |
|-----|-------------------|---------|---------|---------|---------|---------|-------------|--|------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |

Arbiters: 1. _____

2. _____

3. _____

SCORE SHEET

[illegible]

Arbiter: _____



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