



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

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17 November 2023

DIVISION MEMORANDUM

No. 589 s. 2023

CORRIGENDUM AND ADDENDUM TO DIVISION MEMO NO. 546 S. 2023
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. 546 s. 2023 re: Division Mathematics Olympics dated November 7, 2023:

- The contestants for the **Math Story Book Writing Contest** are required to submit hard copies of their manuscripts to the Division Office by December 5, 2023.
- The **Math Tessellation Arts Contest** has transitioned from a virtual/pre-recorded format to a face-to-face event. Contestants will now demonstrate their tessellation arts at the contest venue using the original two-dimensional shape of a regular polygon within a two-hour duration.
- The contestants participating the **Math Games/ Innovation Contest** are advised to submit the materials during the judging process.
- Participants for Quadratic Dance should form a team consisting of 6 to 10 members from Grade 7 to Grade 12. A certification, provided by the principals of the participating students, reflecting the grade levels of the contestants is required. This certification should be submitted along with the pre-recorded video. The team is expected to perform a choreography based on the following quadratic functions, using the official music 'PSY – I LUV IT' M/V, accessible through <https://bitly.ws/32u4y>.

Quadratic Dance 2023-2024

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



Address: Gov. A. Quibranza Prov'l. Gov't. Compound
Pigcarangan, Tubod, Lanao del Norte
Telephone Nos.: (063)227 – 6633, (063)341 – 5109
Email Address : lanao.norte@depd.gov.ph
Website: depdldn.com

- e. The judging for the **Quadratic Dance**, involving all participating coaches, is scheduled on **December 6, 2023**. The submission of judging results in PDF format should be completed by **December 7, 2023, at 12:00 noon**. Results are to be sent via email to the address lorraine.olavides@deped.gov.ph. Contest administrators and tabulators are instructed to report to Lala NHS on **December 7, 2023, at 1:00 in the afternoon** for the consolidation and tabulation of results. The top 5 contestants will present their final performance on **December 9, 2023**, at LNNCHS for the final judging which will determine the final ranking.

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

Activity	Elementary	Secondary
Venue & Hall Preparation	Ellen O. de Guzman , Baroy CES; Joan Sobere , Baory CES	John Lomosad , LNNCHS; Judith Hechanova , LNNCHS
Registration/ Secretariat Awards/ Certificates	Francisco Vedra , Manan-ao ES, Baroy South Josephine Cadallo , Bulod ES, Tubod West; Susan Ramos , Bulod ES, Tubod West	Cherry Joy Ebo , LNNCHS, Baroy North Maita Bauya , TQNHS, Tubod East; Joyce Godes , TQNHS, Tubod East
Documentation/ Narrative Report	Marites Cantos , 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 , Banning ES, Sapad Johiry Dibaraton , 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/ Facilitators	Myleen Diaz , Rufino Santos ES, Bacolod	Juan Alimasag , Linamon NHS, Linamon
Judges	Myles M. Sayre , LRMDs PDO 2 Sonia N. Gumilao , Pigcarangan IS Angelito Barazona , EPS	Myles M. Sayre , LRMDs PDO 2 Jestoni Jueves , Andres Bersales NHS Lorraine C. Olavides , EPS
Tabulator	Ivy Sayson , Lala NHS, Lala Central	

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

Role	Elementary	Secondary
Contest Admin/ Facilitator	Mark Paduidopon , Kawit Or. IS, Kauswagan	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
	Marivic A. Bahungsuwa , Candis ES, Tubod East	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
	Darryl Demapitan , Salvador CES	Jefferson Cabahug , Magsaysay NHS



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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 & Tabulators	Lorna V. Barazona , Saavedra ES, Lala South	Jackson Ebarat , Kapatagan NHS, Kapatagan Central
Judge	Jocelyn Camiguing , LRMS	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
Tabulators	Hermit D. Belano , Bansarvil NHS Julieta P. Lique , Geronima Cabrera NHS

E. Math Tessellation Arts for Elementary and Secondary Learners

Role	Elementary	Secondary
Contest Admin/ Facilitator	Roldan Mutia , Lanipao CES, Lala North	Rodeoscita Ann O. Pancipanci , Marcela Mabanta NHS, Kauswagan
	Norjannah D. Untong , Sultan Palao Ali ES, Tagolaon	Jeffrey Fabian C. Barrientos , G. Cabrera NHS, Kolambugan
Judges	Reynaldo Arcillas , Sixto Maghanoy CES	Elsa A. Monteza , Sergio Cerujales NHS, Magsaysay
	Robin L. Tabar , EPS	Jocelyn M. Manosa , LNPSTHS, Tubod East
	Ricardo Abalo , District Inchagre	Rosalio Vios , EPS
Tabulators	Marc Will Villacora , Tubod CES	Basher Amen , Baloi NHS, Baloi East



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F. Sudoku Competition for Elementary and Secondary Learners

Role	Elementary	Secondary
Contest Admin/ Facilitator	Josephine Cadallo , Bulod ES, Tubod West	Elvira Abella , Maigo NHS, Maigo
Judges	Eduardo Pahayahay , Maranding CES, Lala Central	Analiza Salupan , Panoloan 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**, Riverside ES, Kolambugan (Binary & Fraction)
Rosario G. Ramo, Maguindanao ES, SND Central (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 ; **Orlando Canete**, Linamon CES, Linamon
- g.2 Fraction DaMath** (*one contestant either Grade 5 or 6 learner*)
Michelle dela Cerna, Pondonan ES, Lala South ; **Marilyn Oyog**, Magsaysay CES ; **Susan O. Barba**, Abaga CES; **Gina H. Lucero**, Linamon CES, Linamon
- g.3 Counting DaMath** (*one contestant either Grade 1 or 2 learner*)
Orlando Marasigan, Tacub ES, Kauswagan ; **Celso Quidato**, Kapt East CES; **Rosalie Astillero**, A. Logronio ES, Maigo ; **Fe Nallano**, Kolambugan CES ; **Richelle D. Mainar**, Baroy CES
- g.4 Whole DaMath** (*one contestant either Grade 3 or 4 learner*)
Agustria Pahayahay, Saavedra ES, Lala South ; **Grace Montod**, Kauswagan CES ; **Rylan Yuzon**, Bosque ES, Linamon ; **Bobby H. Debalucos**, Kawit Oc. ES, Kauswagan
- g.5 Integer DaMath** (*one contestant from Grade 7*)
Glenn Mahinay, Lala NHS; **Leslie Gabotero**, Kapatagan NHS; **Cheryl Reyes**, LNNCHS; **Elmer Branzuela**, Salvador NHS
- g.6 Rational DaMath** (*one contestant from Grade 8*)
Evangeline Abuton, Linamon NHS; **Jonavabe Sabornido**, Lala Proper IS; **Emma dela Torre**, Kapatagan NHS; **Ace Amir C. Prescillas**, MM Mabanta NHS
- g.7 Radical DaMath** (*one contestant from Grade 9*)
Al Michael Jumarito, D Patigayon NHS; **Eric Lamis**, Maigo NHS; **Rodjessa Canini**, Kapatagan NHS; **Nilo Tiongco**, Liangan NHS
- g.8 Polynomial DaMath** (*one contestant Grade 10*)
Joselito Taoc, Binuni NHS; **Jhunje B. Monera**, Mamagum IS; **Apipa Ansary**, Lala Proper IS; **Elizabeth Diolan**, Bin-De NHS
- g.9 Binary DaMath** (*SHS learner for secondary level*)
Gideon Mejias, Lala NHS; **Ian Luy**, Tagoloan NHS; **Jeralyn B. Soria**, Tangcal NHS; **Jerome N. Montebon**, Kawit Or IS, Kauswagan ; **Newlove Econg**, Kapatagan NHS



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3. There will be **Math Learning Stations (Exhibition Games and Math Manipulatives)** installed where teacher-made Math games and Math manipulatives are displayed, and teacher-coaches and learners are encouraged to visit each station and engage in mathematical tasks. The following individuals are the facilitators of the different learning stations and are responsible for preparing the materials and venues of the learning stations:

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: **Mathlympics** – *Jay-R Aclao*, Camalan ES, Lala North
- Station 4: **Fraction Henry** – *Eleanor M. Diambrang*, Dansalan ES, Sapad
- Station 5: **Peri-Area** – *Marc Joahanna Villacora*, Patudan ES, Tubod West
- Station 6: **SubtrAdd Bars** – *Julie Mae L. Jueves*, Dalama IS, Tubod East

Secondary Level:

- Station 1: **Sequence Crabble** – *Raffy Villoria*, Dalama IS, Tubod East
- Station 2: **Polynomial** – *Jonathan Bienes*, Andres Bersales NHS
- Station 3: **ArGeom Sequence** – *Hermil Belano*, Bansarvil NHS
- Station 4: **GYMETHA** – *Glenn Mahinay*, Lala NHS
- Station 5: **Quad Throw** – *Joevan Trozo*, Maigo NHS
- Station 6: **Binomial Bars** – *Jestoni Jueves*, Andres Bersales NHS

- 4. Other provisions indicated in Division Memo No. 546, s. 2023 remain in effect.
- 5. 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
November 17, 2023



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