



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



January 16, 2023

Division Memorandum
No. 023 s. 2023

CORRIGENDUM AND ADDENDUM TO DIVISION MEMO NO. 619 s. 2022 DIVISION MATH OLYMPICS

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

1. The field is hereby informed of the addendum and corrigendum to Division Memo. No. 619 s. 2022 re: Division Mathematics Olympics dated December 15, 2022 are as follows:
 - a. The schedule of submission of: (a) recorded video presentation and write up's for *Math Games/ Innovations Contest*; (b) soft copy of the manuscripts of the *Math Story Book Writing Contest*; (c) *Virtual Quadratic Dance Competition*; and (d) prerecorded video presentation of *Math Tessellation* will be on **February 1, 2023**.
 - b. The A4 bond paper shall be used for Story Math Book Writing Contest.
 - c. Participants for Quadratic Dance should compose a team consisting of 4 - 6 participants from Grade 7 to Grade 12. The team will execute the following quadratic functions below using the official music of **PSY - 'That That (prod. & feat. SUGA of BTS)' MV** and you can access this through <https://youtu.be/8dJvRm2jJ-U>.

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

11. $Y = (x - 8)^2$
12. $Y = -(x + 4)^2 - 4$
13. $Y = 3x^2$
14. $Y = -3x^2 + 4$
15. $Y = (x + 3)^2 - 5$
16. $Y = -2(x - 7)^2 + 1$
17. $Y = 3(x + 6)^2 + 2$
18. $Y = 2(x + 4)^2 - 4$
19. $Y = -(x - 5)^2 + 3$
20. $Y = x^2 + 4x + 1$



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- d. All the participating coaches of the quadratic dance must access the link provided by the management on February 7, 2022 for the judging.
 - e. For the Math Tessellation Contest, the original two-dimensional shape of a regular polygon to be used as template should have a side measuring 3 inches. Participants may make their own creative design using cut and trace strategy will be design out of the 3x3 square.
 - f. For DaMath, the use of a calculator is allowed ONLY for fraction, polynomials, radical and rational damath; players of the counting and whole damath are prohibited to use a calculator. Furthermore, Counting DaMath is for Grades 1 – 2 and Whole DaMath is for Grades 3 – 4 learners.
 - g. The Public Schools District Supervisors (PSDSs), Coordinating Principals and Math District Lead Principals are advised to facilitate the selection of the participants in the elementary level in every event to be contested **before February 1, 2023**.
2. The following are the members of the Technical Working Committees:

Role	Elementary	Secondary
Venue & Hall Preparation	John Anthony Lomosad, Lee Llanes, Judith Hetchanova, Rosano Rosacia, Cheryl Reyes – LNNCHS, Baroy North	
Registration/ Secretariat	Fediliza R. Tabar, Limwag ES, Baroy South	Cherry Joy Ebo, LNNCHS, Baroy North
	Allen Belnas, Bagong Dawis ES, Baroy South	John Lomosad, LNNCHS, Baroy North
Awards/ Certificates	Josephine Cadallo , Bulod ES, Tubod West	Maita Bauya, TQNHS, Tubod East
	Susan Ramos, Bulod ES, Tubod West	Joyce Godes, TQNHS, Tubod East
Documentation/ Narrative Report	Marites Cantos, Mabatao ES, Salvador	Analyng Sagal, D.Patigayon NHS, Kolambugan
	Marivel Ongy, Salvador CES, Salvador	Maria Loyda T. Bagsican, Pigcarangan IS, Tubod West
	Rowena Cabador, Mabatao ES, Salvador	Jamalie C. Lomantong, Salvador NHS
Foods & Snacks	Marilyn Sienes, Banning ES, Sapad	Imee P. Servano, P Mequiabas NHS, Kapatagan East
	Johiry Dibratun, Banning ES, Sapad	Janely A. Almazan, Taguitic IS, Kapatagan West

CONTEST CATEGORIES

A. Math Games/Innovation (Teacher Category)

Role	Elementary	Secondary
Contest Admin/ Facilitator	Joel Maraviles, Mahayahay ES, Kapatagan East	Juan Alimasag, Linamon NHS, Linamon
Judges	Myles M. Sayre, LRMDs PDO 2 Angelito D. Barazona, EPS Lorraine C. Olavides, EPS	Myles M. Sayre, LRMDs PDO 2 Angelito D. Barazona, EPS Lorraine C. Olavides, EPS



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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, Bacolod	Marisol Fe Salarda , Lala NHS, Lala Central
Judges	Elvir Gonesto , Binuni ES, Bacolod	Marichu Licanda , Liangan NHS, Bacolod
	Rey Q. Garcillanosa , Kapatagan CES, Kapatagan Central	Rene Monteza , Magsaysay NHS, Magsaysay
	Marivic A. Bahungsuwa , Candis ES, Tubod East	Dante Alboroto , Bansarvil NHS, Kapatagan East
Time Keepers	Joan Sobere , Baroy CES, Baroy North	Aprilyn Turan , Bansarvil NHS, Kapatagan East
Scorers	Emelia Inguito , Tubod CES, Tubod West	Michelle B. Agawin , Kawit Or. IS, Kauswagan
	Darryl Demapitan , Salvador CES, Salvador	Jefferson Cabahug , Magsaysay NHS, Magsaysay
Proctors	Helen Chui , Felix S. Dablo ES, SND West	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/ Facilitator	Lorna V. Barazona , Saavedra ES, Lala South	Jackson Ebarat , 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
Tabulator	Marc Will L. Villacora , Tubod CES, Tubod West	Ivy Sayson , Lala NHS, Lala Central



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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
Tabulator	Hermit D. Belano, Bansarvil 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
	Judith Rabaca, Matampay Bucana ES, Kolambugan	Jeffrey Fabian C. Barrientos, G. Cabrera NHS, Kolambugan
Judges	Reynaldo Arcillas, Sixto Maghanoy CES	Elsa A. Monteza, Sergio Cerujales NHS, Magsaysay
	Belen T. Bastillada, EPS	Jocelyn M. Manosa, LNPSTHS, Tubod East
	Ricardo Abalo, District Inchagre	Rosalio Vios, EPS
Tabulator	Aisah Sanggacala, Tambo ES, Munai	Basher Amen, Baloi NHS, Baloi East

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, 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



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G. DaMath Competition for Elementary and Secondary Learners

Role	Elementary	Secondary
Contest Admin/ Facilitator	Sarah Mapandi , Riverside ES, Kolambugan	Domiciano Lanticse , Lala NHS, Lala Central
	Rosario G. Ramo , Maguindanao ES, SND Central	Chowelito S. Pagulayan , LNPSTHS, Tubod East
Arbiter	Agustria Pahayahay , Saavedra ES, Lala South (<i>Whole</i>)	Cheryl Reyes , LNNCHS, Baroy North (<i>Integer</i>)
	Grace Montod , Kauswagan CES, Kauswagan (<i>Whole</i>)	Emma dela Torre , Kapatagan NHS, Kapatagan Central (<i>Integer</i>)
	Rylan Yuzon , Bosque ES, Linamon (<i>Whole</i>)	Jonavabe Sabornido , Lala Proper IS, Lala North (<i>Integer</i>)
	Bobby H. Debalucos , Kawit Oc. ES, Kauswagan (<i>Whole</i>)	Glenn Mahinay , Lala NHS, Lala Central (<i>Integer</i>)
Arbiter	Orlando Marasigan , Tacub ES, Kauswagan (<i>Counting</i>)	Elmer Branzuela , Salvador NHS, Salvador (<i>Rational</i>)
	Celso Quidato , Kapt East CES, Kapatagan Central (<i>Counting</i>)	Arlene Tudela , Kapatagan NHS, Kapatagan Central (<i>Rational</i>)
	Rosalie Astillero , A. Logronio ES, Maigo (<i>Counting</i>)	Rey A. Fernandez , Lala Proper IS, Lala North (<i>Rational</i>)
	Jo-Ann R. Balongag , Manga IS, Kolambugan (<i>Counting</i>)	Evangeline Abuton , Linamon NHS, Linamon (<i>Rational</i>)
	Richelle D. Mainar , Baroy CES, Baroy North (<i>Counting</i>)	
Arbiter	Michelle dela Cerna , Pondonan ES, Lala South (<i>Fraction</i>)	Nilo Tiongco , Liangan NHS, Bacolod (<i>Radical</i>)
	Marilyn Oyog , Magsaysay CES, Magsaysay (<i>Fraction</i>)	Ralph Sayon , Kapatagan NHS, Kapatagan Central (<i>Radical</i>)
	Susan O. Barba , Abaga CES, Lala South (<i>Fraction</i>)	Eric Lamis , Maigo NHS, Maigo (<i>Radical</i>)
	Gina H. Lucero , Linamon CES, Linamon (<i>Fraction</i>)	Al Michael Jumarito , D Patigayon NHS, Kolambugan (<i>Radical</i>)
Arbiter		Elizabeth Diolan , Bin-De NHS, Bacolod (<i>Polynomial</i>)
		Diomedis Jr. L. Pollescas , Taguitic IS, Kapatagan West (<i>Polynomial</i>)
		Jhunje B. Monera , Mamagum IS, SND West (<i>Polynomial</i>)
		Joselito Taoc , Binuni NHS, Bacolod (<i>Polynomial</i>)



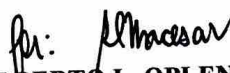
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Role	Elementary	(Polynomial)
		Joselito Taoc , Binuni NHS, Bacolod (Polynomial)
Arbiter		Secondary
		Newlove Econg , Kapatagan NHS, Kapatagan Central (Binary SHS)
		Jerome N. Montebon , Kawit Or. IS, Kauswagan (Binary SHS)
		Jeralyn B. Soria , Tangcal NHS, Tangcal (Binary SHS)
		Rhea T. Merontos , Rufo dela Cruz IS, Tubod West (Binary SHS)
Arbiter		Ingrid N. Penaflor , Rupagan ES, Bacolod (Binary Teacher)
		Orlando Canete , Linamon CES, Linamon (Binary Teacher)
		Gideon Mejias , Lala NHS, Lala Central (Binary Teacher)
		Ian Luy , Tagoloan NHS, Tagoloan (Binary Teacher)
		Teresita Momo , Panoloon NHS, Sapad (Binary Teacher)

- Furthermore, the online submission of registration of the contestants will be on **February 1, 2023** at this link <https://bit.ly/3ZERucl>.
- Other provisions indicated in Division Memo No. 619, s. 2023 are still in effect.
- For information, guidance and compliance.

for: 
EDILBERTO L. OPLENARIA, CESO V
Schools Division Superintendent

ATCHD.: As stated

To be indicated in the Perpetual Index
under the following subjects

CURRICULUM

MATHEMATICS

COMPETITION

CID EPS/ lcoe



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