



Republic of the Philippines
Department of Education
REGION XI
SCHOOLS DIVISION OF DIGOS CITY

Office of the Schools Division Superintendent

DIVISION MEMORANDUM

CID-2023-074

To : CID Chief
Public Schools District Supervisors
Education Program Supervisor in Mathematics
Elementary and Secondary Public and Private School Heads
Elementary and Secondary Public and Private School Teachers

Subject : **CHANGES AND ADDITIONAL INFORMATION ON DM-CID 023, S. 2023, ENTITLED "CONDUCT OF DIVISION MATHEMATICS FAIR 2023 CUM TRAINING OF COACHES FOR SELECTED MATHEMATICS COMPETITIONS"**

Date : March 13, 2023

In reference to DM-CID 023, s. 2023 entitled "Conduct of Division Mathematics Fair 2023 Cum Training of Coaches for Selected Mathematics Competitions," this office informs the field including identified technical working group (TWG), district and school Math coordinators, coaches and contestants the changes and additional information of the activity stipulated in Enclosure 1 of this Division Memorandum.

List of Technical Working Group (TWG) and the Numeracy Skills Enhancement Team are enclosed in Enclosures 2 and 3. The Terms of Reference (TOR) of the TWG before, during and after the conduct of the activity will be provided and disseminated through the group chat.

The following shall be charged against CID-HRTD Funds:

- Meals of the TWG on April 14 & 15, 2023; and
- Meals of the identified participants and trainers on April 21 & 22, 2023

On the other hand, meals, travelling and other incidental expenses of the participants and coaches shall be charged to school MOOE/local funds/other sources of funds, all subject to the usual accounting and auditing rules and regulations.

Service credits shall be granted to all public school teacher-participants, technical working group and judges while compensatory overtime credits (COC) shall be granted to supervisors, school heads, and other non-teaching personnel from schools/division for the services rendered during Saturdays, Sundays, or holidays (DepEd Order No. 53, s. 2003).

No amount shall be collected during registration of this event.

Immediate dissemination of this Memorandum is desired.

DepEd Schools Division of Digos City
RECORDS SECTION

RELEASED
23-99114
DATE: MAR 16 2023 TIME: 12:12 PM

CRISTY C. EPE

Schools Division Superintendent

Enclosed: As stated.
CID/jbc



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CHANGES AND ADDITIONAL INFORMATION OF DM-CID-2023-023

A. Schedule of the Activity and Registration

1. The activity will be conducted on April 14, 15, 21 & 22, 2023 instead of April 21, 22, 28 & 29, 2023 due to overlapping of activities for DAVRAA and the national training to be attended by the Education Program Supervisor in Mathematics.
2. The Opening Program will start at exactly 8:00 AM on April 14, 2023. TWG are expected to be at the venue on or before 7:00 AM to facilitate the attendance while participants on or before 7:30 AM to find comfortable seats.
3. The pre-registration will be done through the google form with the link: <https://tinyurl.com/Pre-regDivMathFair2023>. The deadline of the pre-registration will be on March 15, 2023. Deadline may be extended as declared by the Education Program Supervisor in Mathematics. Note that only those pre-registered participants/contestants can join any competition during the fair.
4. The actual registration during the activity will be done by the District and School Mathematics Coordinators to be facilitated by the secretariat committee led by Miss Nesylida D. Alpacion.

B. Orientation of the Official Pre-registered Coaches and Contestants

1. There will be a Virtual Orientation of all event TWG, official pre-registered contestants and coaches on either March 17, 2023 (Friday) or March 24, 2023 (Friday) at 1:30 PM.
2. The orientation will be conducted through google meet or zoom. Link will be provided on or before the scheduled date.

C. Division Mathematics Quiz

1. The competition will start at 9:00 AM on April 14, 2023 for Phase 1. Announcement of Phase 1 results will be at 12:00 NN. Phase 2 will start at 12:30 PM. Phase 2 qualifiers are expected to be in the room at 12:15 PM. The awarding will be at 4:00 PM on the same day.
2. No calculators allowed in this event.
3. For reiteration, to identify qualifiers for Phase 2 in both elementary and secondary levels, the following filters shall be used:
 - a. The contestant has earned at least 30% of the total number of points and;
 - b. The contestant belongs to the Top 15.
4. Furthermore, in case of tie on the 15th place, all contestants vying for that place will qualify for Phase 2. Note that no tie breaking shall be done in Phase 1.
5. Top 5 of each grade level are the winners of Division Math Quiz. First to third placers contestants will receive gold, silver and bronze medals respectively and certificates for 4th and 5th placers.



D. Rubik's Cube

1. The event is also open to private schools. At most 3 participants per private school in every category are welcome and will be accommodated.
2. The competition will start at 12:30 PM on April 14, 2023 and will end at 3:30 PM. The awarding will be at 4:00 PM on the same day.
3. Top 5 of each category are the winners of Rubik's cube. First to third placers contestants will receive gold, silver and bronze medals respectively and certificates for 4th and 5th placers.

E. Tower of Hanoi

1. The event is also open to private schools. At most 3 participants per private school in every key stage are welcome and will be accommodated.
2. The competition will start at 12:30 PM on April 14, 2023 and will end at 3:30 PM. The awarding will be at 4:00 PM on the same day.
3. Top 5 of each category are the winners of Tower of Hanoi. First to third placers contestants will receive gold, silver and bronze medals respectively and certificates for 4th and 5th placers.

F. Mathematikula

1. *Mathematikula* is open to all learners from Grades 1 to 12 with the following categories: Key Stage 1 (Grades 1 to 3), Key Stage 2 (Grades 4 to 6), Key Stage 3 (Grades 7 to 10), and Key Stage 4 (Grades 11 to 12). This is open also to interested private schools.
2. *Mathematikula* entries are to be submitted to Chairperson through jernalyn.castro@deped.gov.ph on or before April 6, 2023. Submission later than April 6, 2023 will NOT be accommodated.
3. Judging of this event will be from April 8 to 13, 2023 via online.
4. Judges of this event are the following:
 - 4.1 Darwin Z. Polido, PhD - Chairperson
 - 4.2 Ivy F. Solano, PhD
 - 4.3 Emmanuel P. Abuzo, PhD
 - 4.4 Charlyn Y. Emata, PhD
5. Top 3 of each category are the winners of *Mathematikula*. First to third placers will receive gold, silver and bronze medals respectively and certificates for the two (2) special awards, namely: DMF 2023 *Mathematikula* Peer's Choice Award and DMF 2023 *Mathematikula* Most Creative Video Award.
6. The awarding will be at 4:00 PM on April 14, 2023.
7. As of this time, we will wait for the pronouncement of the regional office if there will competition of this event in the regional level.



G. Likha - A Full Proposal Research Competition (Mathematics and Computational Science)

1. Entries for Likha - Mathematics and Computational Science are to be submitted to Chairperson through wellisa.milca@deped.gov.ph on or before April 6, 2023. Submission later than April 6, 2023 will NOT be accommodated.
2. Judging of this event will be from April 8 to 13, 2023 via online.
3. Judges of this event are the following:
 - 3.1 Ivy F. Solano, PhD - Chairperson
 - 3.2 Darwin Z. Polido, PhD
 - 3.3 Emmanuel P. Abuzo, PhD
 - 3.4 Charlyn Y. Emata, PhD
4. Top 2 of each category are the winners of Likha - Mathematics and Computational Science. First to second placers contestants for both individual and team categories will receive medals.
5. The awarding will be at 4:00 PM on April 14, 2023.
6. As of this time, we will wait for the pronouncement of the regional office if there will competition of this event in the regional level.

H. Graphing Calculator Video Contest

1. Entries for Graphing Calculator Video Contest are to be submitted to Chairperson through abshalom.legaspi@deped.gov.ph on or before April 6, 2023. Submission later than April 6, 2023 will NOT be accommodated.
2. Judging of this event will be from April 8 to 13, 2023 via online.
3. Judges of this event are the following:
 - 3.1 Emmanuel P. Abuzo, PhD - Chairperson
 - 3.2 Darwin Z. Polido, PhD
 - 3.3 Ivy F. Solano, PhD
 - 3.4 Charlyn Y. Emata, PhD
4. Top 3 of each category are the winners of Graphing Calculator Video Contest. First to third placers will receive gold, silver and bronze medals and certificates for the four (4) special awards, namely: Eagle Video Award, Problem Solver of the Year Award, Diamond Performance Award, and Golden Video Award.
5. The awarding will be at 4:00 PM on April 14, 2023.

I. Digitized Strategic Intervention Materials in Mathematics (Teacher Category)

1. Entries for digitized strategic intervention materials in Mathematics are to be submitted to Chairperson through myrell.dumigsi@deped.gov.ph on or before April 6, 2023. Submission later than April 6, 2023 will NOT be accommodated.
2. Judges will have pre-judging from April 8 to 13 and the final judging will be on April 14, 2023 with face-to-face oral presentation.
3. Judges of this event are the following:
 - 3.1 Mishel C. Cadungog, EdD - Chair
 - 3.2 Myleen C. Robiños
 - 3.3 Marjun B. Rebosquillo



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- Top 3 of each category are the winners of Digitized Strategic Intervention Materials in Mathematics (Teacher Category). First to third placers will receive certificates of recognition.
- The awarding will be at 4:00 PM on April 14, 2023.

J. 21st Century Skills Demonstration Teaching (Teacher Category)

- The 21st century skills demonstration teaching (Teacher Category) will be done on April 15, 2023 from 8:00 AM to 5:00 PM with the schedule pre-assigned by the committee in-charge.
- Judges of this event are the following:
 - Jem Boy B. Cabrella, PhD - Chair
 - Rizza L. Villaluna, EdD
 - Marjun B. Rebosquillo
- Top 3 of each category are the winners of 21st Century Skills Demonstration Teaching (Teacher Category). First to third placers will receive certificates of recognition.
- The awarding will be at 4:00 PM on April 15, 2023.

K. Determination of the Overall Ranking of Division Mathematics Fair 2023

- The overall ranking of Division Mathematics Fair 2023 will be determined by district for the elementary level and by school for the junior high school and senior high school following the point system below:

Awards received in all events	Points Earned
1 st Place	10 points
2 nd Place	8 points
3 rd Place	6 points
4 th Place	4 points
5 th Place	2 points

- Scores of all winning entries of the district/school in all events and categories/grade levels will be added.
- Districts which garnered the top 4 highest total for elementary level will be awarded as 3rd Runner-up, 2nd Runner-up, 1st Runner-up and Champion. Each private school is counted as one district.
- Schools which garnered the top 3 highest total for junior high school level will be awarded as 2nd Runner-up, 1st Runner-up and Champion. Private schools will be included in the ranking.
- Schools which garnered the top 2 highest total for senior high school level will be awarded as 1st Runner-up and Champion. Private schools will be included in the ranking.
- The awarding of the Overall Ranking will be at 4:00 PM on either April 14 or 15, 2023.



L. Training of Coaches for Selected Mathematics Competitions

1. The mathematics competitions which will be the focus for the training of coaches are the Mathematics Quiz and the Likha – A Full Proposal Research Competition (Mathematics and Computational Science).
2. Identified winning coaches are the participants of this part of the activity which will be conducted on April 21 & 22, 2023.
3. The list of identified winning coaches for both events will be announced through the group chat of district and school Mathematics coordinators.
4. Below is the list of trainers, topics, and their schedules for training of coaches for Mathematics Quiz, to wit:

a. Elementary Level

Trainers	Topics	Date & Time
1. Noryleth A. Virtudazo	Fractions, Decimals and Percentages Part I	April 21, 2023 8:00 AM – 9:15 AM
2. Rex C. Sayson	Geometry and Measurement	April 21, 2023 9:30 AM – 12:00 NN & 1:00 PM – 2:00 PM
3. Eduardo P. Paller, Jr.	Ratio and Proportions	April 21, 2023 2:00 PM – 5:00 PM
4. Nesylda D. Alpacion	Fractions Part II	April 22, 2023 8:00 AM – 12:00 NN
5. Jouy Hope A. Silabay	Fundamental Counting Principle and Permutations	April 22, 2023 1:00 PM – 5:00 PM

b. Secondary Level

Trainers	Topics	Date & Time
1. Wellisa P. Milca	Linear, Quadratic and Polynomial Functions	April 21, 2023 8:00 AM – 12:00 NN
2. Jernalyn L. Castro	Sets and Numbers and Number Sense	April 21, 2023 1:00 PM – 5:00 PM
3. Cathelene N. Cabras	Fundamental Counting Principle, Permutations, Combinations and Other Topics	April 22, 2023 8:00 AM – 12:00 NN
4. Jem Boy B. Cabrella, PhD	Rational and Trigonometric Functions	April 22, 2023 1:00 PM – 5:00 PM

5. Below are the facilitators and the schedule for training of coaches for Likha – A Full Proposal Research Competition (Mathematics and Computational Science), to wit:

Facilitators	Date	Time
1. Jouy Hope A. Silabay 2. Jem Boy B. Cabrella, PhD 3. Wellisa P. Milca	April 22, 2023	8:00 – 10:00 AM



M. Souvenir of Participants

1. The souvenir of participants during the Division Mathematics Fair 2023 is t-shirt.
2. Instructions shall be provided by the Souvenir Committee to be disseminated through the district and school Mathematics coordinators.



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Technical Working Group (TWG)
Division Mathematics Fair 2023 cum Training of Coaches for
Selected Mathematics Competitions
April 14, 15, 21 & 22, 2023

Overseer: Dr. Jem Boy B. Cabrella – Education Program Supervisor in Math
Overall Chairperson/Event Head: Miss Jouy Hope A. Silabay – Master Teacher I, Digos City NHS
Overall Co-Chairperson/Event Head: Miss Cathelene N. Cabras – Master Teacher II, Digos City NHS

1. Division Mathematics Quiz (April 14, 2023 from 8:30 AM to 3:30 PM)

Chairperson: Eduardo P. Paller, Jr. Co-chairperson for Elementary Level: Rex C. Sayson			
Role	Grades 1 and 2	Grades 3 and 4	Grades 5 and 6
1. Quiz Master/Checker	Omaira S. Grande	Denzel Aquino	Ellen R. Coles
2. Timekeeper/Checker	Norelyth A. Virtudazo	Marybeth D. Cadion	Jhobelle P. Racho
3. Tabulator/Checker	Weena M. Vergara	Thessa Mae D. Eting	Eiffel T. Montebon
4. Judge/s	Joel A. Cartagena	Neil D. Bongcayao Rex C. Sayson	Eduardo P. Paller, Jr. Nelson Lucero
Co-chairperson for Secondary Level: Sergio L. Castro			
Role	Grades 7 and 8	Grades 9 and 10	Grade 11
1. Quiz Master/Checker	Wellisa P. Milca	Jernalyn L. Castro	Veronica T. Delima
2. Timekeeper/Checker	Elvira I. Peñas	Felix Ray R. Dumagan	Josephine T. Lamigo
3. Tabulator/Checker	Emelita B. Cabano	Kremia Katrina C. Thiam	Ellen O. Nacua
4. Judge/s	Julius C. Castañares	Eugene C. Sayson Sergio L. Castro	Rizza L. Villaluna Jem Boy B. Cabrella

No. of TWG for Division Math Quiz: 25

2. Rubik's Cube (April 14, 2023 from 12:30 to 3:30 PM)

Chairperson: R-jhon C. Alag Co-chairperson: Elinor Pinky O. Nartea				
Role	Key Stage 1	Key Stage 2	Key Stage 3	Key Stage 4
Teacher/Facilitators	Jacquelyne Tenebro Prince Bangay	Romeo Antepuesto Marcel Orge	Ellen Payapaya Corazon Lusbog	R-jhon C. Alag Elinor Pinky O. Nartea

No. of TWG for Rubik's Cube: 9



3. Tower of Hanoi (April 14, 2023 from 12:30 to 3:30 PM)

Chairperson: Arnel S. Yañez Co-chairperson: Jhobelle P. Racho				
Role	Grades 3 to 4	Grades 5 to 6	Grades 7 to 10	Grades 11 to 12
Teacher/ Facilitators	Jayffer Sartorio Reynaldo Jr. A. Gonzales	Arnel S. Yañez Mercy Grace Arendain	Juner O. Gultiano Chloyd John N. Cabras	Raul Baron II Jhobelle P. Racho

No. of TWG for Tower of Hanoi: 8

4. Mathematikula (April 8 to 13, 2023) – Online Judging

Chairperson	Co-chairperson	Member	Judges
Jernalyn L. Castro	Ralph D. Lim	Josette Iris Duldulao	Darwin Z. Polido, PhD – Chair Ivy F. Solano, PhD Emmanuel P. Abuzo, PhD Charlyn Y. Emata, PhD

No. of TWG for Mathematikula: 3

5. Likha - Mathematics and Computational Science (April 8 to 13, 2023) – Online Judging

Chairperson	Co-chairperson	Member	Judges
Wellisa P. Milca	Veronica T. Delima	Lecilyn Gultiano	Ivy F. Solano, PhD – Chair Darwin Z. Polido, PhD Emmanuel P. Abuzo, PhD Charlyn Y. Emata, PhD

No. of TWG for Mathematics and Computational Sciences: 3

6. Graphing Calculator Video Contest (April 8 to 13, 2023) – Online Judging

Chairperson	Co-chairperson	Member	Judges
Abshalom P. Legaspi	Imma Tessie Donne D. Llemit	Kemberly Gama	Emmanuel P. Abuzo, PhD – Chair Darwin Z. Polido, PhD Ivy F. Solano, PhD Charlyn Y. Emata, PhD

No. of TWG for Graphing Calculator Video Contest: 3



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7. Digitized Strategic Intervention Materials in Mathematics (Teacher Category) (April 14, 2023 at 12:30 PM to 3:30 PM) – Face-to-face

Chairperson	Co-chairperson	Member	Judges
Myrell P. Dumigsi	Eve Bernadette Tarle	Lee Glenda C. Precellas	Mishel C. Cadungog, EdD – Chair Myleen C. Robiños Marjun B. Rebosquillo

No. of TWG for Digital SIM in Mathematics: 6

8. 21st Century Skills Demonstration Teaching (Teacher Category) (April 15, 2023 at 8:00 AM to 3:00 PM) – Face-to-face

Chairperson	Co-chairperson	Judges
Noryleth A. Virtudazo	Maritess O. Castillo	Jem Boy B. Cabrella, PhD – Chair Rizza L. Villaluna, EdD Marjun B. Rebosquillo

No. of TWG for 21st Century Skills Demonstration Teaching: 5

9. Secretariat Committee

Chairperson	Co-Chairperson	Members
Nesylda D. Alpacion	Josephine T. Lamigo	Robin Charles O. Ramos Rema M. Ramos Grace D. Alvarado Liwayway R. Fuenticilla

No. of TWG for Secretariat Committee: 6

10. Program Committee

Chairperson	Co-Chairperson	Member
Ferlyn Mae S. Depacaquibo	Eduardo P. Paller, Jr. Kremia Katrina C. Thiam	Jayffer Sartorio

No. of TWG for Program Committee: 5

11. Letters and Certificates Committee

Chairperson	Co-Chairpersons	Members
Eiffel T. Montebon	Jesmarie S. Peñol Ellen O. Nacua Jacquelyne B. Tenebro	Prince Bangay Fermin J. Galo, Jr.

No. of TWG for Letter and Certificates Committee: 6



12. Souvenir Committee

Chairperson	Co-Chairpersons	Member
Gary M. Nugas	R-Jhon C. Alag Virgilio Poncardas	Nesylda D. Alpacion Grace D. Alvarado Liwayway R. Fuenticilla Rema M. Ramos Jouy Hope A. Silabay

No. of TWG for Souvenir Committee: 8

13. SocMed Documentation/Pubmats/Logo Design Committee

Chairperson	Co-Chairpersons	Members
Cathelene N. Cabras	Ferlyn Mae S. Depacaquibo Kremia Katrina C. Thiam	Jayffer Sartorio Thonver R. Sampaga Lee Wilson C. Precellas Demosthenes Cajes Marlou G. Samontina Jay Mark Alocelja

No. of TWG for SocMed Documentation/Pubmats/Logo Design Committee: 9

14. Medals, Trophies, Tabulation and Awards Committee

Chairperson	Co-Chairpersons	Members
Rogan G. Adanza	Jouy Hope A. Silabay Grace D. Alvarado	Ralph D. Lim Josephine T. Lamigo Jacquelyne B. Tenebro Nesylda D. Alpacion Rema M. Ramos Liwayway R. Fuenticilla

No. of TWG for Medals, Trophies, Tabulation and Awards Committee: 9

15. Food/Hall Preparation and Restoration Committee

Chairperson	Co-Chairperson	Members
Inda D. Nacua	Elecel B. Adam	Selected DCCES Teachers

Prepared by:


JEM BOY B. CABRELLA, PhD
Education Program Supervisor-Math

Approved by:


BEVERLY S. DAUGDAUG, EdD
Chief, CID



NUMERACY SKILLS ENHANCEMENT TEAM

Chairperson:

Dr. Jem Boy B. Cabrella – Education Program Supervisor in Mathematics

Co-Chairperson:

Neil D. Bongcayao – Public Schools District Supervisor, Digos Occidental District

Members:

Rogan G. Adanza – OIC-Math Department Head of Digos City NHS

Felzev Lloyd C. Sayson – Math Adviser, Digos Occidental District

Joel A. Cartajena – Math Adviser, Digos Oriental District

Nelson Lucero – Math Adviser, Digos South District

Eduardo P. Paller, Jr. – Math Adviser, Mt. Apo District

Dr. Rizza L. Villaluna – Math Adviser, Secondary Schools District

Wellisa P. Milca – Master Teacher Secondary Level Representative

Noryleth A. Virtudazo – Master Teacher Elementary Level Representative

Jouy Hope A. Silabay – District Math Coordinator, Secondary Schools District

Nesylda D. Alpacion – District Math Coordinator, Digos Occidental District

Grace D. Alvarado – District Math Coordinator, Digos Oriental District

Rema M. Ramos – District Math Coordinator, Digos South District

Liwayway R. Fuenticilla – District Math Coordinator, Mt. Apo District



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