



Republic of the Philippines
Department of Education
REGION I
SCHOOLS DIVISION OFFICE OF PANGASINAN II

Office of the Schools Division Superintendent

May 22, 2023

DIVISION MEMORANDUM

No. 214, s. 2023

2023 DIVISION MATHEMATICS RECREATIONAL GAMES FESTIVAL

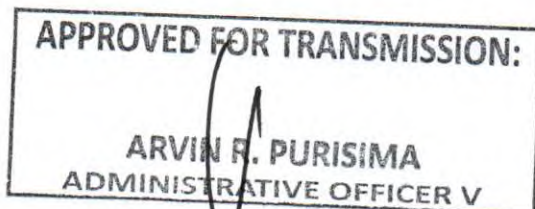
To: Assistant Schools Division Superintendents
Chief Education Supervisors, CID, and SGOD
Education Program Supervisor In-charge in Mathematics
Public Schools District Supervisors/District In-charge
Secondary and Elementary School Heads/Officers In-Charge
All Others Concerned

1. This office, through the Curriculum Implementation Division (CID) shall conduct the Cluster-Based and Division Mathematics Recreational Games Festival for the School Year 2022-2023. The said activity is anchored on the theme: *"Nurturing Learners' Sense of Balance and Self-esteem through Recreational Mathematics"*. Listed below are the schedule and venue of the activity:

CLUSTER LEVEL			
Level	Cluster	Date	Venue
Elementary	Cluster 1 4 th Congressional District + Laoac District	May 25, 2023	Embarcadero ES, Mangaldan, Pangasinan
	Cluster 2 5 th Congressional District		Linmansangan ES, Binalonan, Pangasinan
	Cluster 3 6 th Congressional District		San Pedro East ES, Rosales, Pangasinan
Secondary	Cluster 1		Benigno V. Aldana NHS, Pozorrubio, Pangasinan
	Cluster 2		Manaoag NHS, Manaoag, Pangasinan
	Cluster 3		Mataas Na Paaralang Juan C. Laya, San Manuel, Pangasinan
	Cluster 4		Cipriano P. Primicias NHS, Alcala, Pangasinan
	Cluster 5		Tayug NHS, Tayug, Pangasinan
DIVISION LEVEL			
Level	Date	Venue	
Elementary	June 2, 2023	San Pedro East Elementary School, Rosales, Pangasinan	
Secondary	June 1, 2023	Don Ramon E. Costales Memorial NHS, Villasis, Pangasinan	



2. The objectives of this activity are as follows:
 - a. To recognize the importance of mathematics through recreational games in the form of competitions that will highlight the development of mathematical and problem-solving skills of learners;
 - b. To provide opportunities for learners to make sense of mathematical experiences and develop skills and attitudes in everyday living;
 - c. To create an avenue of academic competitiveness and boost learners' self-confidence;
 - d. To foster a wholesome atmosphere in pursuing excellence in the field of Mathematics.
3. Attached are the following:
 - a. Contest Guidelines and Mechanics
 - b. Clustering of Schools
 - c. Cluster and Division Technical Working Group (TWG), Manpower, Facilitators, Working Committees
4. A voluntary donation of Php 50.00 per learner participant shall be charged during the cluster and division level competitions to defray expenses for the accommodation and honoraria of judges, medals, certificates of recognition/participation, and other incidental expenses, chargeable against local funds and other school funds.
5. Travel and other incidental expenses of the participants shall be charged to local school funds/MOOE subject to the usual auditing and accounting procedures.
6. Immediate and wide dissemination of this memorandum is desired.




LORNA G. BUGAYONG PhD, CESO V
Schools Division Superintendent



RECREATIONAL GAMES GUIDELINES
Division Level

DAMATH

Elem. Level 1 (Grade 1 or 2)	Counting Damath	(operations: +, -)
Elem. Level 2 (Grade 3 or 4)	Whole Damath	(operations: +, -, x, ÷)
Elem. Level 3 (Grade 5 or 6)	Fraction Damath (Positive)	(operations: +, -, x, ÷)
Grade 7	Integer Damath	(operations: +, -, x, ÷)
Grade 8	Rational Damath	(operations: +, -, x, ÷)
Grade 9	Radical Damath	(operations: +, -, x, ÷)
Grade 10	Polynomial Damath	(operations: +, -, x, ÷)
SHS (Grade 11/12)	Polynomial Damath	(operations: +, -, x, ÷)

Participants in the Division DAMATHs competition are the Top 3 winners in each level in the cluster level competition (elementary) and the Top 1 winner in each grade level in the cluster level competition in the secondary including the top 1 winner in each grade level in the school level competition of each mother high school.

- All contestants must be in the venue 15 minutes before the start of the game
- Each grade level will be divided into 5 groups (secondary) and 2 groups (elementary) using a bracketing system.
- Draw lots will be used to determine the players in each group.
- Each group may have 5 or 6 members (secondary) and 5 or 4 members (elementary)
- The top 2 in each group (secondary), top 3 (a group with 5 members), and top 2 (a group with 4 members) in the elementary will move to the final round.
- Scores in the scoresheet in each grade level are in the following form:

1. Elem. Level 1 whole number
2. Elem. Level 2 whole number; no rounding off for the division with a remainder in the answer
3. Elem. Level 3 rational numbers (fraction) in the lowest form
4. Grade 7 integers
5. Grade 8 rational numbers in the lowest term
6. Grade 9 decimals up to 3 decimal digits
7. Grade 10, (11or12) integers

- The first player to move will be determined by tossing a coin.
- The use of a calculator is allowed in all grade levels in the secondary and level 3 for the elementary.
- A move [e.g. 25 → (6, 3)] is good only at the most for one (1) minute including its corresponding entries in the scoresheet; while the game's duration is twenty (20) minutes.
- It will be the responsibility of the arbiter to remind the player to make a move and write entries in the scoresheet. This will be done 10 seconds before the 1-minute time frame ends.
- If in case a player did not finish writing the entries in the scoresheet after 1 minute, the time will be stopped by the arbiter. This is to give the player time to finish writing in the scoresheet. The extra time is exclusive of the twenty-minute game duration.



- The player is required to indicate his/her score under the column score and the running score under the column total score in the scoresheet. Failure to do so will prompt the arbiter to call his/her attention. After three warnings of the same violation, the arbiter will disqualify the player and award the winning points to his/her opponent.
- If in case a player did not finish writing the entries in the scoresheet after 1 minute, the time will be stopped by the arbiter. This is to give the player time to finish writing in the scoresheet. The extra time is exclusive of the twenty-minute game duration.
- A player may consume the whole minute in taking chip/s and writing the entries in the scoresheet.
- A player is required to take chip/s when there is still time left (remaining second/s of the 20-minute game duration).
- The game ends when any of the following situations occur:
 - ✓ If no show of one player is declared after ten minutes.
 - ✓ Repetitive moves of any or both players.
 - ✓ A player resigns or refuses to move.
 - ✓ A player's chip is cornered.
 - ✓ A player has no more chip to move.
 - ✓ The 20-minute game duration ended.
- The remaining chips have to be added to the respective player's total scores.
- "DAMA" chip's corresponding value is doubled. "DAMA" chip taking another "DAMA" chip the score is times 4.
- The player with the greater total score is declared the winner for which he/she is entitled to one (1) point in the tally sheet of contestants or one-half (0.5) point in case of a draw.
- In case two or more players have the same number of winnings, their previous games will be considered. Whoever won in these games prevails. If a winner cannot be determined from these games, a 10-minute rematch shall be done. Players are not allowed to resign in the rematch. Point System (Adding the Scores in each Game/Rematch) shall be followed if no player emerges as the winner after the rematch.
- Only one scoresheet is allowed to be accomplished alternately by the two players whereby incorrect entries shall be their responsibility. In case of incorrect entries in the scoresheet, a player has to immediately call the attention of the competition facilitator by raising one's hand, that is, after stopping the time. As determined by the said facilitator, the appropriate corrections will be done by the erring player as much as the former's decision is final and unappealable.
- The time spent correcting the entries is exclusive of the 20-minute game duration.
- Scoresheets will be reviewed by a panel of reviewers. Corrections will be done to the wrong entries which were not checked during the game.

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RUBIK'S CUBE

Grade 1-3 -
Grade 4-12

1st Layer with a base color of Yellow or White
Solved State (when each of six (6) sides of the cube has one solid color per side)

Participants in the Division Rubik's Cube competition are the Top 3 winners in each grade level in the cluster level competition (elementary) and the Top 1 winner in each grade level in the cluster level competition in the secondary including the top 1 winner in the school level competition of each mother high school.

1. Each contestant will be given a standard 3 x 3 x 3 Rubik's Cube which will be provided by the management.
2. Rubik's Cube must have the following standard colors for the six faces of the cube
3. (White, Yellow, Blue, Red, Green, and Orange)
4. During the time of the competition, contestants must be in the venue 15 minutes before the start of the game.
5. The facilitator for Rubik's Cube will be the one to scramble all the cubes of the contestants.
6. All Rubik's Cube to be solved are scrambled with the same sequence for each grade level.
7. The top 10 winners (Secondary) and top 5 winners (Elementary) will be chosen based on the time they finish solving a Rubik's Cube for each grade level (Grades 1-12).

SUDOKU

Participants in the Division Sudoku competition are the Top 3 winners in each grade level in the cluster level competition (elementary) and the Top 1 winner in each grade level in the cluster level competition in the secondary including the top 1 winner in each grade level in the school level competition of each mother high school.

1. Each contestant must bring a pencil and eraser.
2. Contestants must be in the venue, 15 minutes before the scheduled time.
3. Each of the contestants will be given a printed copy of the Sudoku puzzle to solve.
4. Sudoku with standard 9x9 grids will be used for all the levels for each puzzle categorized according to the level of difficulty:
5. Grade 1: 15 Unknown Grade 7: 42 Unknown
6. Grade 2: 20 Unknown Grade 8: 45 Unknown
7. Grade 3: 25 Unknown Grade 9: 48 Unknown
8. Grade 4: 30 Unknown Grade 10: 51 Unknown
9. Grade 5: 35 Unknown Grade 11: 54 Unknown
10. Grade 6: 40 Unknown Grade 12: 57 Unknown
11. There will be 2 rounds (elimination and final) for secondary for every grade level and one round (elementary) with the following time allotment:
 - a. twenty (20) minutes for grades 1-3
 - b. thirty (30) minutes for grades 4-6
 - c. five (5) minutes for grade 7
 - d. seven (7) minutes for grade 8
 - e. nine (9) minutes for grade 9
 - f. eleven (11) minutes for grade 10
 - g. thirteen (13) minutes for grade 11
 - h. fifteen (15) minutes for grade 12
12. The first 10 contestants (secondary) who can solve the sudoku puzzle correctly in the elimination round will qualify for the final round. For Elementary, after the first round, winners will be declared.
13. In case none of the contestants can successfully solve the Sudoku puzzle within the time limit, three (3) minutes will be given additional time by the officials (secondary).
14. Officials will declare the Top 10 winners (secondary) after the final round for every grade level and the Top 5 winners in the elementary.



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TOWER OF HANOI

Participants in the Division Tower of Hanoi competition are the Top 3 winners in each grade level in the cluster level competition (elementary) and the Top 1 winner in each grade level in the cluster level competition in the secondary including the top 1 winner in each grade level in the school level competition of each mother high school.

Grade 1:	6 disks	Grade 7:	6 disks
Grade 2:	6 disks	Grade 8:	6 disks
Grade 3:	6 disks	Grade 9:	6 disks
Grade 4:	7 disks	Grade 10:	7 disks
Grade 5:	7 disks	Grade 11:	7 disks
Grade 6:	7 disks	Grade 12:	7 disks

1. Contestants must be in the venue, 15 minutes before the scheduled time.
2. The Tower of Hanoi will be provided by the facilitator so that the height of the post, and the circumference of the disk are all the same.
3. Players are not allowed to use their tower of Hanoi. The official tower of Hanoi will only be used coming from the management.
4. Each player will play the basic (horizontal) game of the tower of Hanoi where one hand will hold the base of the tower and the other hand will move the disk.
5. The game consists of three posts/pegs and a set of disks of different sizes, with the largest disk at the bottom and the smallest disk at the top.
6. The objective of the game is to move all the disks from the leftmost or rightmost post depending on the hand to be used by the player in holding the base of the tower, one disk at a time, without placing a larger disk on top of a smaller one.
7. A disk can only be placed on a post if it is either empty or if the topmost disk on the post is larger than the disk being moved.
8. The Tower of Hanoi should be placed horizontally, and the player must use only one hand to move the disks and the other hand will hold the base of the tower.
9. If the player uses two hands, they will be disqualified.
10. If a disk is unexpectedly placed on a different post or if a larger disk is placed on top of a smaller disk during the game, the player must restart from the beginning.
11. If a disk tumbles off the table unexpectedly, the player is allowed to pick up the disk/s and place it in its previous position using his/her hand intended in moving the disks to continue the game.
12. The game is over when the player successfully moves all the disks to the leftmost/rightmost post, in the correct order.
13. The fastest player will win the game.
14. The top 10 winners (Secondary) and top 5 winners (Elementary) will be declared for each grade level (Grades 1-12).



MODULO ART

Mathematics is the study of patterns. One of the ways in which we may use number patterns is the creation of unique and artistically pleasing designs. MODULO ART is making designs based on modular arithmetic tables.

GUIDELINES:

Participants in the Division Modulo Art competition are the Top 3 winners in the cluster level competition (elementary) and the Top 1 winner in each level in the cluster level competition in the secondary including the top 1 winner in each level in the school level competition of each mother high school.

1. All contestants must bring their white cartolina with a pre-drawn grid.
2. The size of the grid for all year levels shall be the largest possible square that can be made from one-whole white cartolina. The official coloring medium is "crayon with eight colors". The remaining space in the cartolina after the biggest square was determined will be left empty and primarily part for judging the neatness of the output.
3. "Freehand drawing" must be observed in making the designs/patterns.
4. A4 coupon bond will be used for the pre-generated design and legends. The size of the square for the legends is 1.5 x 1.5 inches (secondary) drawn below the quarter 1 design. For the elementary, the size of the squares of the legends is the same as the size of the squares of the quarter 1 design.
5. The time allotted for the contest is Four (4) hours.
6. The criteria for judging shall be as follows:
 - a. Neatness 15%
 - b. Color Harmony 15%
 - c. Accuracy
 - i. Operation used 15%
 - ii. Consistency of design 15%
 - d. Creativity 20%
 - e. Visual Impact 20%
7. The contest shall be as follows:
8. Elementary Level: Latin Square Modulo 5 Addition Rotation
9. Level 1: Grade 7 Latin Square Modulo 5 Addition Rotation
10. Level 2: Grade 8 Converging Segments Modulo 4 Addition Rotation
11. Level 3: Grade 9 Standard Kaleidoscope Modulo 4 Addition Rotation
12. Level 4: Grade 10 Circular Kaleidoscope Modulo 4 Addition Rotation
13. Level 5: Grade 11/12 Circular Kaleidoscope Modulo 4 Addition Rotation
14. Only the duly registered teacher-coach of the contestant is the only authorized person to make a query. All protests shall be referred to the Board of Judges/Facilitators.
15. The Facilitators shall be in complete control of the contest. Their decision shall be final and irrevocable.
16. The top 10 winners (Secondary) and top 5 winners (Elementary) will be declared for each level.



MAGIC SQUARE

Participants in the Division Magic Square competition are the Top 1 winner in each grade level in the cluster level competition in the secondary including the top 1 winner in each grade level in the school level competition of each mother high school.

1. The participants must be in the venue 5 minutes before the announced time by the facilitators.
2. Each participant will be given one puzzle to solve.
3. The puzzle to be solved will have the same pattern for each level.
4. The following are the sizes of the puzzles to be solved:
5. Grade 7 and 8: 3 x 3
6. Grade 9 and 10: 4 x 4
7. Grade 11 and 12: 5 x 5
8. The participants are given the following time allotment to solve the puzzle:
9. Grade 7: 20 Minutes
10. Grade 8: 20 Minutes
11. Grade 9: 30 Minutes
12. Grade 10: 30 Minutes
13. Grade 11: 40 Minutes
14. Grade 12: 40 Minutes
15. The time spent solving the puzzle will be kept track of by the timekeeper and be noted on the puzzle sheet upon completion/submission by the participant.
16. Calculators are not allowed.
17. Winners will be determined based on the completion of the puzzle and the time consumed.
18. In case, the time allotted to solve has run out and the participant/s was/were not able to complete the puzzle, the official will consider and check only the answers provided by the participant/s.
19. The official will declare the Top 10 Winners for every grade level.

MATH QUIZ

Participants in the Division Math Quiz are the Top 5 winners in each grade level in the cluster level math quiz in the elementary and the top 1 winner in each grade level (Grades 7-11) in the secondary during their school level competition.

1. The participants must be in the testing room 5 minutes before the announced time by the facilitators.
2. For Grade 1:
 - a. 30 items of basic Arithmetic (Numeracy)
 - b. Operations would be Addition and Subtraction (+, -) only
 - c. No negative answers
 - d. No choices
 - e. Time duration is 1 hour
3. For Grade 2:
 - a. 30 items of basic Arithmetic (Numeracy)
 - b. All operations are to be used (+, -, x, $\sqrt{\quad}$)
 - c. No negative answers
 - d. No remainder for division.
 - e. No Choices
 - f. Time duration is 1 hour



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4. For Grade 3:
 - a. 40 items of basic Arithmetic (Numeracy)
 - b. All operations are to be used (+, -, x, $\sqrt{\quad}$)
 - c. No negative answers
 - d. No remainder for division
 - e. No choices
 - f. The time duration is 1 hour and 10 minutes

5. For Grade 4:
 - a. 40 items of open-ended questions
 - b. MELCS quarter 1-4
 - c. Specify the units of the answers whether it is given or not in the problem.
 - d. The time duration is 1 hour and 10 minutes

6. For Grades 5-6:
 - a. 50 items of open-ended questions
 - b. MELCS quarter 1-4
 - c. specify the units of the answers whether it is given or not in the problem.
 - d. The time duration is 1 hour and 30 minutes

7. For Grades 7-11:
 - a. 50 items of open-ended questions
 - b. MELCS quarter 1-4
 - c. specify the units of the answers whether it is given or not in the problem.
 - d. The time duration is 1 hour and 30 minutes

PREPARED BY:


JAIME U. MANUEL, JR.
PACENCIA A. CASINGAL
ARNOLD P. MONTEMAYOR
ANA PERLA B. DE GUZMAN
DARWIN S. CARANTES
FLORNELOVE R. OPINIANO
MARITES B. AQUINO
EDGARD N. DE VERA
MARY LUCENA DG TAGAMA

DAMATH
MODULO ART
RUBIK'S CUBE
SUDOKU
TOWER OH HANOI
MAGIC SQUARE

VALIDATED BY:

TWG of Division Mathematics Recreational Games Festival

APPROVED BY:


MIKE D. DACASIN
EPS I, In Charge of Mathematics



7

Annex 2: Clustering of Schools

2023 DIVISION MATHEMATICS RECREATIONAL GAMES FESTIVAL

Cluster	Venue
Cluster 1: 4 th Congressional District + Laoac District	Embarcadero Elem. School, Embarcadero, Mangaldan, Pangasinan
Cluster 2: 5 th Congressional District	Linmansangan Elem. School, Linmansangan, Binalonan, Pangasinan
Cluster 3: 6 th Congressional District	San Pedro East Elem. School, Rosales, Pangasinan

SECONDARY SCHOOLS CLUSTERING FOR MATHEMATICS RECREATIONAL GAMES FESTIVAL

Cluster 1	SISON	Cluster 2	MANAOAG	Cluster 3	BINALONAN	Cluster 4	ROSALES	Cluster 5	UMINGAN
1	Alejandro F. Oligan NHS	1	Baguinay NHS	1	Batasan NHS	1	Guling Coliling NHS	1	Baracbac NHS
2	Alibeng NHS	2	Cabanbanan NHS	2	Bugayong IS	2	Robert Estrella NHS	2	Cabalitian NHS
3	Amagbagan IS	3	Lipit NHS	3	San Felipe NHS	3	San Luis NHS	3	Flores NHS
4	Artacho NHS	MANGALDAN		4	Sta. Catalina IS	VILLASIS		4	La Paz NHS
5	Bantay Insik IS	1	David NHS	5	Sta. Maria NHS	1	Amamperez Agro HIS	5	Maseil-seil-Alo-o NHS
6	Bulaoen East NHS	2	Gueguesangen IS	6	Sumabnit NHS	2	Barangbong NHS	6	Prado NHS
7	Don Amadeo Perez NHS	3	Mangaldan IS	SAN MANUEL		3	Capulaan NHS	7	San Vicente IS
8	Don Valentin Torres IS	SAN FABIAN		1	Don Robert Estrella NHS	4	Piaz NHS	SAN QUINTIN	
9	Dungon IS	1	Ambalangan Dalin NHS	2	Flores IS	5	Tombod IS	1	Lagasit NHS
10	Esperanza IS	2	Anonang NHS	3	San Juan NHS	6	Unzad NHS	2	Lumayao IS
11	Labayug NHS	3	Binday NHS	4	Sto. Domingo NHS	STO. TOMAS		NATIVIDAD	
12	Pindangan NHS	4	Mabilao NHS	ASINGAN		1	San Antonio NHS	1	Salud San Eugenio NHS
13	Pinmilapil NHS	5	San Fabian IS	1	Ariston Bantog NHS	ALCALA		2	San Macario NHS
14	Saguitlang IS	SAN JACINTO		2	Calepaan IS	1	Arboleda NHS	3	San Miguel NHS
15	Sison Central IS	1	Lobong NHS	3	Carosucan Norte	2	Atainan-Caranglaan IS	SAN NICOLAS	
POZORRUBIO		LAOAC		4	Carosucan Sur NHS	3	Bersamin Agro HIS	1	Cacabugaoan NHS
1	Bobonan NHS	1	Cabilaoan Agro HIS	5	San Vicente West IS	4	Canarvacan NHS	2	Dalumpinas NHS
2	Don Benito Agro iHS	2	Calmay IS	6	Toboy NHS	5	Gualsic IS	3	Malico NHS
3	Eugenio P. Perez NHS	3	Castusu IS	STA. MARIA		6	Macayo IS	4	San Felipe IS
4	Nama NHS	4	Don Maximo G. Gombio Panaga-Tabao IS	1	Santa Maria East IS	7	Pindangan NHS	5	San Isidro NHS
5	Palguyod NHS	VENUE		2	Sta. Cruz IS	8	San Pedro Apartado NHS	6	San Rafael NHS
6	Rosario NHS	1	Manaoag NHS, Manaoag, Pangasinan	BALUNGAO		9	Vacante IS	7	Sta. Maria NHS
7	Dilan IS	2	Manaoag NHS, Manaoag, Pangasinan	1	Rajal Angayan NHS	BAUTISTA		8	Sto. Tomas NHS
8	Nantangalan NHS	3	Manaoag NHS, Manaoag, Pangasinan	2	San Aureilo NHS	1	Baluyot NHS	TAYUG	
VENUE		4	Manaoag NHS, Manaoag, Pangasinan	3	San Leon NHS	2	Coloscaoayan NHS	1	Panganiban NHS
To be determined		VENUE		VENUE		VENUE		VENUE	
TOTAL		16		21		21		21	



Address: Mac Arthur Highway, Canarvacanan, Binalonan, Pangasinan

Telephone Number: (075) 637-6227 / 524-7768

Email Address: pangasinan2@deped.gov.ph

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Annex 3: TWG/Manpower/Facilitators/Working Committees

**CLUSTER I MATHEMATICS RECREATIONAL GAMES FESTIVAL
TECHNICAL WORKING GROUP
ELEMENTARY LEVEL**

EMBARCADERO ELEMENTARY SCHOOL

May 25, 2023

A. DAMATH: School Head In-charge

Julius P. Pira (Cabanbanan ES)

ARBITERS

DAMATH level 1

Arnold Abrigo (Salay ES)

Oliver Soriano (Lanas ES)

DAMATH level 2

Bernard B. Daroy (Inamotan ES)

Aileen B. Godoy (Nalsian ES)

DAMATH level 3

Alex G. Pulmano (Inamotan ES)

Marvelyn S. Riola (Baguinay ES)

B. MATH QUIZ: School Heads In-charge

Rosalie R. Santos

Dionisia E. Embuido

Room Examiners:

Grade 1 Marianne S. Lalimarmo (Embarcadero ES)

Grade 2 Evangeline M. Ventanilla (Maasin ES)

Grade 3 Chona M. Blaquir (Nibaliw ES)

Grade 4 - Mrs. Imelda A. Roboza (Anonang ES)

Grade 5 - Mrs. Grace B. Caballero (Lipit
Tomeeng ES)

Grade 6 - Mrs. Cristina C. Jugo (San Fabian East
Central ES)

Checker:

Chairman: Mrs. SHERYL ROSE D. CLAUDIO (MISSC)

C. TOWER OF HANOI: School heads In-charge

Facilitators:

Maria Rosalita De Guzman

Maricel E. Sotto

Videographer:

May Ann S. Ancheta

Edmund M. Peralta (Baritao ES)

Documenter:

Carmela G. Sison

D. SODUKO: School Heads In-charge

Facilitators:

Grade 1. ROCHELLE P. CASISON (Pogo-Palua ES)

Grade 2. Janet B. Bautista (Osiam es)

Grade 3. Diana Castro (Anolid ES)

Grade 4. Marivic Bandong (DGIM ES)

Grade 5. Arnel Macasieb (Guesang ES)

Grade 6- Rechilda Taboga (Bari ES)

Eunice L. Basbas (Macayug ES)

Timer:

Rosalinda Fabia, (Embarcadero ES)

Imelda B. Lalimarmo (Navaluan ES)

Michelle Aquino (GIS)

Juvelyn Cendaña (Alitaya ES)

Leo Eden (David ES)

Jennifer Serapion (Mangaldan CS)

E. RUBIK'S CUBE School Heads In-charge

Facilitators: Jason Lumilay

Elisa L. Reybuenan

Julie N. Galamgam (Castusu IS)

F. MODULO ART: School Head In-Charge

Facilitator:

Reynaldo B. Javier (Talogtog ES)

Russel Rex A. Abrera (Guesang ES)



**CLUSTER II MATHEMATICS RECREATIONAL GAMES FESTIVAL
TECHNICAL WORKING GROUP**

ELEMENTARY LEVEL

LINMANSANGAN ELEMENTARY SCHOOL

May 25, 2023

TWG FOR CLUSTER 2

Documentation:

Chairman: Wilma L. Baybayan

Co-Chair: Jessica Canete

Member: Liberty Aniz

Awards: (Medals and Certificates)

Chairman: Dr. Blesilda C. Costales

Co-Chairman: Dr. Policarpio N. Rivera

Member: Analiza S. Mones

Registration:

Leonora Dungca

Rosemarie Chua

Corazon Viado

Susana Aquino

Modulo Art

Dr. Oscar S. Juan

DAMATH

Level 1:

Chief Arbiter: Mrs. Dyna B. Abalos

Arbiters:

Aldrin Asuncion

Arvi Christian M. Tolentino

Albert G. Micua

Ryan Tabajonda

Veronica Abad

Level 3:

Mr. Rafael R. Viernes Jr.

Albert Laroya

Juanito P. Fronda

Cary M. Suyat

Noel Blanco

Level 2:

Chief Arbiter: Villamor O. Contaoi

Arbiters:

Marcial Abulencia

Diosdado A. Bacani Jr.

John Mark Angala

August M. Costales

Rubik's Cube:

Chairman: Dr. Emory B. Manzano

Co-Chair: Mr. Edwin O. Advincula

Members:

Debra M. Agpasa

Geralym Frias

Micheal Castanares

Gloria L. Ubay

Raul Arellano

Tower of Hanoi:

Mrs. Gilda M. Cabontocan

Liezel A. Dacanay

Alicia M. Cabero

Maribeth Bautista

Susan Bantiles

Rhecy Sumajit

Anna Rose S. Palola

Sudoku:

Chairman: Dr. Jesus D. Resultay

Co-Chair: Jaime Casabar Jr.

Members:

Jidelyn T. Belmonte

Verna O. Guleng

Jessie Lorenzo

Gemmalyne Escaño



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QUIZ:**Grade 1:**

Chairman: Dr. Marlinda S. Saldivar
 Proctor: Jossielyn R. Lachica
 Checker: Rodelia A. Dela Pena

Grade 2:

Mrs. Dyna B. Abalos
 Mary Ann V. Dela Masa
 Michelle C. Calugay

Grade 3:

Chairman: Dr. Blesilda C. Costales
 Proctor: Dolores M. Cariño
 Checkers: Danica Krizel C. Aquino
 Aiza Ricca S. Agliam

Grade 4:

Analiza S. Mones
 Maribel L. Gavina
 Elizabeth Micu

Grade 5:

Chairman: Villamor O. Contaoi Dr.
 Proctor: Rogelyn Castañeto
 Checkers: Agnes Solidarios
 Arnold Elarco

Grade 6:

Policarpio N. Rivera
 Lydia R. Erpelo
 Myrna B. Para
 Venusha B. Austria



CLUSTER III MATHEMATICS RECREATIONAL GAMES FESTIVAL
TECHNICAL WORKING GROUP
ELEMENTARY LEVEL
 SAN PEDRO EAST ELEMENTARY SCHOOL
 May 25, 2023

PLANNING COMMITTEE		TECHNICAL COMMITTEE & SECRETARIAT	
Chairman:	Florence C. Mercurio	Chairman:	Darmer Hilda O. Aquino
Co-Chairman:	Ninia P. Estillore	Co-Chairman:	Nelia Albay
Members:	Cecilia Ayento Lea C. Badua	Members:	Monaliza M. Pablo Edita Camba
REGISTRATION		EVENT /ACTIVITY	
Chairman:	Wennifred C. Bayaua	Chairman:	Josephine B. Hernandez
Co-Chairman:	Olive B. Saguiped	Co-Chairman:	Dona Jean M. Ulat
Members:	Irence M. Barte Hilda B. Baoanan	Members:	Dominador Prado Carolina C. Fernandez Jerameel Calaus
CERTIFICATE & PROGRAMME		ACCOMMODATIONS	
Chairman:	Jerenz C. Mercurio	Chairman:	Ormar R. Pontaoe
Co-Chairman:	Eden V. Espiritu	Co-Chairman:	Jean Jasmin C. Ulpindo
Members:	Mary Claire C. Diamante Nory C. Almazan	Members:	Marilou O. Grande Maria Isabel C. Soriano Lourdes V. Estabillo
DOCUMENTATION		PROGRAM MANAGEMENT TEAM	
Chairman:	Khristine Joy V. Tamayo	Chairman:	Milanio Abalos
Co-Chairman:	Analyn V. Rasos	Co-Chairman:	Felino Villalba
Members:	Ledy Labangco Helen Grace B. De Guzman Erlinda M. Navarro	Members:	Teresa Palado
Attending Nurse: Rosario T. Dumlao			



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<p>MATH QUIZ Grade 1 Amira Estrada Leonardo M. Fuentes Jr. Grade 2 May Grace Ballesteros Laarni J. Ninalga Grade 3 Gloria Petrola Sally Oriña MATH QUIZ Grade 4 Carlota Moldes Shaira Mae C. Rubio Grade 5 Leisiah Anne Obra Kimberly Ordanza Grade 6 Judith Murle Estrella Contaoi</p>	<p>MODULO ART Darmer Hilda Aquino Geraldine Orosco Tiffany Aragon</p>
<p>DAMATH Ninia P. Estillore Dominador Prado Milanio Abalos Arbiter: (Coaches) Timer:</p>	<p>RUBIK'S CUBE Nelia Albay Cecilia Ayento Rene Juanani Jessabel Serios Dan Patrick Boas</p>
<p>TOWER OF HANOI Teresa Palado Dona Jean Ulat Videographer: Frankie C. Maluk Anibel E. Abracia Virgilio Rabara Renante Dabatos Julita Salanga Timer: Ormar Pontao</p>	<p>SUDOKU Lea C. Badua- Umingan 2 Monaliza M. Pablo (Umingan 1) Josephine Hernandez Felino Villalba Grade 1- Greg Salazar Marita Nesperos Grade 2- Anna Marie Gacusana Robilyn Lozada Grade 3- Jesalyn Hernandez Loraine Angela Baniqued Grade 4- Jhenny Lyn A. Medida Norma Java Grade 5- Virginia Luceno Mark David Bacobo Grade 6- Giesabell Jireh Butalid Rusty Bedonio Tabulator: Jerenz Mercurio</p>



**CLUSTER I MATHEMATICS RECREATIONAL GAMES FESTIVAL
TECHNICAL WORKING GROUP
SECONDARY LEVEL**

BENIGNO V. ALDANA NATIONAL HIGH SCHOOL
May 25, 2023

<p>PLANNING COMMITTEE Over-All Chairman: Dr. Ana Perla B. De Guzman Co-Chairmen: Josephine C. Posilero Dr. Wilmarie M. Peduca Myrna M. Serrano Sosana Igoy Lisa Endonela Dominga G. Posidio</p>	<p>TECHNICAL COMMITTEE AND SECRETARIAT Chairman: Josephine C. Posilero Co-Chairman: Dr. Wilmarie Peduca Members: Dr. Ana Perla B. De Guzman Myrna M. Serrano Sosana Igoy Lisa Endonela Dominga G. Posidio</p>
<p>REGISTRATION AND ATTENDANCE COMMITTEE Chairman: Myrna M. Serrano Co-Chairman: Nenita A. Ancheta Members: Eleanor S. Malicdem Joana C. Estillore</p>	<p>PRORAMME AND INVITATION Chairman: Dr. Josefina C. Gille Co-Chairman: Benjie L. Fabia Members: Nerissa V. Mencias Alma R. Castillo Jimmia C. Pariñas</p>
<p>AWARDS AND CERTIFICATES Chairman: Dr. Ana Perla B. De Guzman Co-Chairman: Benjie L. Fabia Members: Janice E. Viernes Jimmia C. Parinas Daisy Mae Delim Mary Jane S. Caluza</p>	<p>DOCUMENTATION Chairman: Dominga G. Posidio Co-Chairman: Allan Glenn D. Heruela Members: Loreto D. Silaroy, Jr. Syder L. Calpito Geraldino Q. Pasag</p>
<p>ACCOMODATION Chairman: Josephine C. Posilero Co-Chairman: Abbygail B. Abalos Member: Mara Ciela C. Mesa Reinalyn G. Galsim Joanna Marie Z. Ramos</p>	<p>STAGE PREPARATION Chairman: Loyeth E. Tarampi Co-Chairman: Laarni M. Mejia Cristine G. Siador Members: Hanna Mariz R. Tempura Bernadeth A. Cascaño Judy Ann Meriel P. Soriano Mary Joy S. Caluza Maricel Aguilar</p>
<p>HALL PREPARATION Chairman: Darwin S. Carantes Co-Chairman: Brendyl C. De Guzman All JHS & SHS Math Teachers</p>	<p>SOUND SYSTEM Chairman: Fernando Mejia Co-Chairman: Noel Bautista All JHS & SHS Math Teachers</p>
	<p>ATTENDING NURSE Elmer Pioquinto</p>

MANPOWER / FACILITATORS

DAMATH

Chief Arbiter: Darwin S. Carantes (7-9) Noel Bautista (10&11)
Facilitators: Benjie L. Fabia Allan Glenn D. Heruela
Syder L. Calpito Loreto D. Silaroy, Jr.
Fernando C. Mejia Geraldino Q. Pasag
Brendyl C. De Guzman

Table Arbiters:

Grade 7 Liberty M. Carino and Marl Paul S. Carantes
Grade 8 Emily O. Torreno Julius Bangsoy
Grade 9 Medina N. Aquino Vivian Basto
Grade 10 Alfred C. Gambao Reynaldo Salayog Renato Gatchalian
Grade 11/12 Joy R. Mendoza Rogelio B. Amansec Jr

MODULO ART

Chairman Mrs. Laarni M. Mejia
Co-chairman Dr. Josefina C. Gille
Facilitators Hanna Mariz R. Tempura Judy Ann Meriel P. Soriano,
Mary Joy S. Caluza Maricel E. Aguilar



13

Grade 7	Richard Dulatre	Grade 9	Jana Nieva B. Destacamento
Grade 8	Sosana Igoy	Grade 10	Fritzie A. Carganilla
Grade 11/12	Emilia Estacio		

Board of Judges	Dr. Josefina C. Gille Laarni M. Mejia	Loyeth E. Tarampi Hanna Mariz R. Tempra
-----------------	--	--

TOWER OF HANOI

Chairman	Dr. Ana Perla B. De Guzman		
Co-chairman	Loyeth E. Tarampi		
Members:	Alma R. Castillo	Jimmia C. Parinas	Nerissa V. Mencias

RUBIK'S CUBE

Chairman	Lisa Endonela		
Co-chairman	Darwin S. Carantes	Joe Balusdasan	
Facilitators	Joana C. Estillore	Christine G. Siador	

MAGIC SQUARE

Chairman	Sosana Igoy		
Co-chairman	Laarni M. Mejia		
Member	Mary Jane Caluza		

SUDOKU

Chairman	Dr. Wilmarie Peduca		
Co-chairman	Bernadeth Cascano		
Member	Janice Viernes		
Facilitators			
Grade 7	Jun Q. Maure	Grade 10	Wilmarie M. Peduca
Grade 8	Janice Viernes	Grade 11	Jerry A. Destacamento
Grade 9	Bernadette Cascano	Grade 12	Bryan P. Olegario

**CLUSTER II MATHEMATICS RECREATIONAL GAMES FESTIVAL
TECHNICAL WORKING GROUP**

SECONDARY LEVEL

MANAOAG NATIONAL HIGH SCHOOL

May 25, 2023

TECHNICAL WORKING GROUP

Planning Committee

Chairman: Lucy Ruby R. Cachero
Co-chairman: Vivian Jallorina
 Digna J. Reyes
Members: Maritess B. Aquino
 Amelia N. Tibule

Program and Invitation

Lucy Ruby R. Cachero
 Vivian Jallorina
 Julieta S. Solomon
 Marleen P. Calimlim
 Nilo M. Paragas

Accommodation

Chairman: Lucy Ruby R. Cachero
Co-chairman: Dina A. Solis
Members: Araceli P. Manaois
 Glory Ann S. Roque
 Marilou I. Marquez
 Elisa R. Baladad
 Cled Jimenez
 Monaliza Camacho

Registration

Digna J. Reyes
 Nanay Aquino Susan Balbin
 Emelita S. Buscas
 Rebecca J. Imbat
 Mary Joy N. De Vera
 Cresencia E. Rocapor
 Karen S. Mamaril



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Email Address: pangasinan2@deped.gov.ph

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Stage & Hall Presentation

Chairman: Lucy Ruby R. Cachero
Co-chairman: Christian R. Lustre
Members: Rogelio M. Estrada, Jr.
 Virgilio J. Orjalo, Jr.
 Hannah DC. Mercado
 Aurora A. Tejada
 Charmen P. Lacbayan
 Yoraldyl O. De Vera
 Jovelyn B. Fernandez
 Michelle C. Tabayoyong
 Alfie C. Gonzales
 Richard S. Calpotura

Sound System

Christian R. Lustre
 Rogelio M. Estrada, Jr
 Ernie C. Solomon
 Richard S. Calpotura
 Virgilio J. Orjalo, Jr.
 Alejandro Q. Soriano
 Nilo M. Paragas

Documentation

Chairman: Amelia N. Tibule
Co-chairman: Angelica M. Nerona
Members: Jerome C. Caolie
 Michelle C. Tabayoyong
 Kesha Mae Sagaoinit
 Alfie C. Gonzales
 Maritess P. Tabubuca

Awards & Certificates

Marjoey G Morales
 Christian C. Seco
 Jhesus P. Gubatan
 Richard F. De Vera
 Julieta S. Solomon
 Krizia V. Ulalan
 Franklin G. Abrigo

Technical

Chairman: Marites B. Aquino
Co-chairman: Jonathan O. Condes

School Nurse:

Ryan Aquin

Masters of Ceremony: Maritess P. Tabubuca
 Michelle C.

Tabayoyong

Members: Carlos B. Peru Rico T. De Guzman Manie Rose C. Cezar
 Rhondel A. Laguit Ruben D. Bautista

Manpower

DAMATH

Chairman: Digna J. Reyes
Co-chairman: Lucy Ruby R. Cachero
Chief Arbiter: Alejandro Q. Soriano
Table Arbiter:
Grade 7: Alfredo F. Embuido
 Araceli P. Manaois
 Jhesus B. Gubatan
Grade 8: Anselmo S. Romero
 Rogelio M. Estrada, Jr.
 Richard S. Calpotura
Grade 9: Jimer T. Dela Cruz
 Ernie C. Solomon
 Julieta S. Solomon

Grade 10:
 Bobby F. Vinluan
 Marilou I. Marquez
 Edmun G. Veras
Grade 11/12:
 Christian R. Lustre
 Virglio J. Orjalo, Jr.



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MODULO ARTS

Chairman: Amelia N. Tibule
Co-chairman: Arlene P. Valdez
Grade 7: Nelson C. Gutierrez
Charmen P. Lacbayan
Grade 8: Domingo C. Rito, Jr.
Glory Ann S. Roque
Grade 9: May-Ann Fregillana
Emelita S. Buscas

Grade 10:
Aurora A. Tejada
Jovelyn B. Fernandez
Grade 11/12:
Ronald Magno
Alfie C. Gonzales

MAGIC SQUARE AND SODUKO

Chairman: Vivian U. Jallorina

Co-chairman:
Magic Square: Vivian P. Castro
Soduko: Arianne F. Molina
Grade 7: Math Paragas
Grade 11/12: Ana Angelita R. Castillo

Grade 8:
Jett Flores
Grade 9:
Benjamin Biagtan
Grade 10:
Rafael Luis G. Muyano

TOWER OF HANOI

Chairman: Marites B. Aquino
Co-chairman: Jonathan O. Condes
Grade 7: Carlos B. Peru
Grade 10: Mark Jones S. Sabalboro

Grade 8: Rhondel A. Laguit
Grade 9: Manie Rose C. Cezar
Grade 11/12: Ruben D. Bautista

RUBIK'S CUBE

Chairman: Lucy Ruby R. Cachero
Co-chairman: Rogelio M. Estrada, Jr.
Grade 7: Nilo M. Paragas
Grade 8: Dina A. Solis
Grade 9: Marleen P. Calimlim
Grade 10: Karen S. Mamaril
Grade 11/12: Kesha Mae A. Sagaoinit



TOWER OF HANOI (JGMNHS)

Arnold P. Montemayor
Benigno C. Radima Jr.
Jikiri E. Castro
Arnold B. Subido
Rodelia L. Gaspar

Chair:
Co-chair:
Members:

RUBIK'S CUBE (AVRNHS)

Richard S. Clemente
Aljon Tomeldan
Tomas A. Talania, Jr.
Joseph P. Bueno
Jhoana V. Tendero

**CLUSTER IV MATHEMATICS RECREATIONAL GAMES FESTIVAL
TECHNICAL WORKING GROUP
SECONDARY LEVEL**

CIPRIANO P. PRIMICIAS NATIONAL HIGH SCHOOL

May 25, 2023

<p align="center">PLANNING COMMITTEE</p> <p>Chairman: EDGAR N. DE VERA Co-Chairman: MARY LUCENA DG. TAGAMA Members: ROBERTO M. CARANGA GENEROSO S. GARCIA</p>	<p align="center">TECHNICAL COMMITTEE AND SECRETARIAT</p> <p>Chairman: CONSTANTINO E. CASTAÑEDA Co-Chairman: RICHELIEU C. TADEO Members: JUDEN MARK N. VALENZUELA CHRISTIAN D. MAMARIL</p>
<p align="center">REGISTRATION AND ATTENDANCE</p> <p>Chairman: VILMA M. COLLADO Co-Chairman: MA DENISE A. BARROGA Members: GLORIA NONOG RONNIE GUEVARRA</p>	<p align="center">EVENT / ACTIVITY</p> <p>Chairman: ADORA Q. CAOAYAN Co-Chairman: NORMA MENOR Members: KAREN VENTURA BRENNAN BARNACHA</p>
<p align="center">CERTIFICATES AND PROGRAMME</p> <p>Chairman: BIHILDIS DUMLAO Co-Chairman: ROBERTO M. CARANGA Members: ROMARGIE BAGAYAN APPLE ANGEL GAMBOL</p>	<p align="center">ACCOMMODATION</p> <p>Chairman: JANICE E. TULIO Co-Chairman: GERLIE BARRI Members: ANNELIA CARYN DOMINGO SHEILA MAE DUQUE</p>
<p align="center">DOCUMENTATION</p> <p>Chairman: ANNABELLE T. RAMOS Co-Chairman: JESELLE M. PABLO Members: MARIAMINERVA GAMET JANINE NEGRILLO</p>	<p align="center">PROGRAM MANAGEMENT TEAM</p> <p>Chairman: EDGAR N. DE VERA Co-Chairman: IGNACIO B. VELASCO Members: JESUS M. CHUA ANGELO BELARMINO</p>
Attending Nurse	OLIVER SEISMUNDO

MANPOWER/FACILITATORS

EVENT	MANPOWER / FACILITATOR
Damath	<p>Jesus M. Chua Brennan Barnacha Karen Ventura Norma Menor Gerald Kevin Bautista Apple Angle U. Gambol Jocelyn M. Tagama</p> <p>Ma Denise A. Barroga Donna Grace Corpuz Heriel Jhon Bravo Ronnie F. Guevarra Dexter F. Macalanda Myra Dela Cruz Julie B. Madrid</p>
Modulo Art	<p>IGNACIO B. VELASCO JESELLE M. PABLO JANINE NEGRILLO JUDEN MARK N. VALENZUELA URSULA P. OLPINDO</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: auto; margin-right: auto;"> <p align="center">Board of Judges: DR. JONATHAN A. GEVERO EMELIE L. MADRIAGA JESSIE G. OBILLO</p> </div>
Tower of Hanoi	<p>ROBERTO M. CARANGA ERIC C. DE GUZMAN JESUS O. ARENAS</p> <p>JOEL L. VELASQUEZ RICHELIEU C. TADEO</p>
Rubik's Cube	<p>ERIC C. DE GUZMAN JESUS O. ARENAS JOEL L. VELASQUEZ</p> <p>RICHELIEU C. TADEO ROMARGIE BAGAYAN</p>
Sudoku	<p>CARLO OAING GENEROSO S. GARCIA JOY CHRISTIAN C. GRANADO</p> <p>CHERRY JOY B. RAMAT DANICA MAY M. FARENAS</p>
Magic Square	<p>MARY LUCENA DG TAGAMA DE VERA GLORIA L. NONOG</p> <p>BONALYN R. MANGLALLANMONALYN C.</p>



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18

CLUSTER V MATHEMATICS RECREATIONAL GAMES FESTIVAL
TECHNICAL WORKING GROUP
SECONDARY LEVEL
TAYUG NATIONAL HIGH SCHOOL
May 25, 2023

WORKING COMMITTEES

Registration and Attendance Committee

Chairman: **RAVIL V. RAMIREZ, PhD**
Co-Chairman: **MYLENE R. PASCUA**
Members: LUZ MELINDA L. MABALOT
LEMUEL C. GABRIEL
REBIE JOY D. CAMISOLA

Awards & Certificates Committee

JONATHAN DAVE D. YEH
EDEN R. BARROGA, PhD
ROLANDO R. ANCHETA
AILENE C. RUDIO
LAYLANIE R. LADIA

Program & Invitation Committee

Chairman: **RAQUEL GRACE B. DE GUZMAN**
Co-Chairman: **EDNA L. MANGAPOT**
Members: MARY GRACE R. TABINGO
JOHNRAY A. FERNANDEZ
JELLY L. MANIPON

Documentation & Reports Committee

MARY GRACE R. TABINGO
JELLY L. MANIPON
ROMNICK R. RAMOS
JOHNRAY A. FERNANDEZ
JONATHAN DAVE D. YEH

Hall Preparation Committee:

Chairman: **PATRICK HENRY P. BAUTISTA**
Co-Chairman: **JOHNRAY A. FERNANDEZ**
Members: ALL MALE MATH TEACHERS

Accommodation:

GENELITA O. FABELICO
DANIEL ERMIN M. DE CASTRO
ROWENA O. MANGANAAN
EDNA L. MANGAPOT
RAQUEL GRACE B. DE GUZMAN

Stage Decoration Committee:

Chairman: **LUZ MELINDA L. MABALOT**
Co-Chairman: **JUDITH C. SALAZAR**
Members: LEMUEL C. GABRIEL
REBIE JOY D. CAMISOLA
AILENE C. RUDIO

Sound System:

WELSON C. DALIWAN
ROMNICK R. RAMOS
JOHNRAY A. FERNANDEZ

ATTENDING NURSE:

JEROME A. REYES

MASTER OF CEREMONIES:

MARY GRACE R. TABINGO
LAYLANIE R. LADIA

TOURNAMENT OFFICIALS

DAMATH

Chairman: **EUSEBIO C. SOLIS**
Co-Chairman: **ROMNICK R. RAMOS**
Facilitators/Members: ALL Coaches (Facilitators)

MODULO ART

Chairman: **EDEN R. BARROGA, PhD**
Co-Chairman: **WELSON C. DALIWAN**
Facilitators/Members: ANA LIZA S. RILLERA
AILENE C. RUDIO
MARY JOYCE G. FERNANDEZ

(G7 and G8)
(G9 and G10)
(G11 and G12)

TOWER OF HANOI

Chairman: **MANDY O. CASIMERO**
Co-Chairman: **AHLEA ROSE L. DULAY**
Facilitator /Member: ROMMEL B. ORBILLO

MAGIC SQUARE

LEONORA B. VITENTE
MARILOU DOMINGO
ROMMEL S. LAGASCA

SUDOKU

Chairman: **FLORNELOVE R. OPINIANO**
Co-Chairman: **ROWENA P. DE LUNA, PhD**
Facilitator /Member: CHRISTIAN JEMUEL MICUMAO

RUBIK'S CUBE

CRIZELLE MAE Q. CURRAMENG
EDELLA P. CAMPOS
CRISANTA O. RAMIREZ



Address: Mac Arthur Highway, Canarvacanan, Binalonan, Pangasinan

Telephone Number: (075) 637-6227 / 524-7768

Email Address: pangasinan2@deped.gov.ph

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2023 DIVISION MATHEMATICS RECREATIONAL GAMES FESTIVAL

June 1, 2023

Don Ramon E. Costales Memorial National High School

MANPOWER

MATH QUIZ

Grade 7

Room Supervisor: Mandy O. Casimero (San Quintin NHS)

Room Examiners:

- 1 Romnick Ramos (Tayug NHS)
- 2 Rhea Cereno (Rosales NHS)
- 3 Anselmo Romero (San Fabian NHS)
- 4 Hesel Bisares (Umingan NHS)
- 5 Lea Joy Cabag (Bautista NHS)

Grade 8

Room Supervisor: Marivic Fernandez (Antonio P. Villar NHS)

Room Examiners:

- 1 Czaryn Engson (Umingan NHS)
- 2 Orpelta Romero (San Fabian NHS)
- 3 Rowena P. De Luna (San Quintin NHS)
- 4 Gloria Nonog (Coloscaoayan NHS)
- 5 Rhondel Laguit (San Jacinto NHS)

Grade 9

Room Supervisor: Digna Reyes (San Fabian NHS)

Room Examiners:

- 1 Ahlea Rose L. Dulay (San Quintin NHS)
- 2 Michelle Solis (San Fabian NHS)
- 3 Jemabelle Cabaya (Rosales NHS)
- 4 Jikiri Castro (Juan G. Macaraeg NHS)
- 5 Nilo Paragas (Manaoag NHS)

MODULO ART:

Chairman: Jaime Manuel (Bautista NHS)

Co-Chairman: Rosalino Ambrosio (Tayug NHS)

Grade 7 - Vilma Collado (Coloscaoayan NHS)

Nympha Lopez (Angela V. Ramos NHS)

Grade 8 - Amelia Tibule (Laoac NHS)

Katherine Gevero (Rosales NHS)

Grade 9 - Efren Distor (Juan G. Macaraeg NHS)

Constantino Castaneda (Pindangan NHS-Alcala)

DAMATH:

Chairman: Edgar De Vera (Cipriano P. Primicias NHS)

Co-Chairman: Candido Pollante (Balungao NHS)

Chief Arbiters

Grade 7 - Ferdinand Tropia (Umingan NHS)

Table Arbiters:

- 1 Benjie Bedonio (San Quintin NHS)
- 2 Ruben Bautista (San Jacinto NHS)
- 3 Jakielyn Mangampat (Bautista NHS)
- 4 Alfredo Embuido (San Fabian NHS)
- 5 Franklin Abrigo (Mangaldan NHS)

Grade 10

Room Supervisor: Vivian Jallorina (Mangaldan NHS)

Room Examiners:

- 1 Edella P. Campos (San Quintin NHS)
- 2 Sarah Jean Nabua (San Fabian NHS)
- 3 Maritess Tabubuca (Manaoag NHS)
- 4 Rowena Perez (Mangaldan NHS)
- 5 Marites Ganitano (Bautista NHS)

Grade 11

Room Supervisor: Josephine Poseliro (Don Benito Agro HIS)

Room Examiners:

- 1 Rommel De Vera (San Jacinto NHS)
- 2 Christian Mamaril (CPPNHS)
- 3 Tanya Ballesteros (San Nicolas NHS)
- 4 Janice Viernes (BVANHS)
- 5 Danica May Farenas (Coloscaoayan NHS)

Validators:

Grade 7 - Susan Balbin (San Fabian NHS)

Rosalia Abrazaldo (Mangaldan NHS)

Grade 8 - Josefina Gille (Benigno V. Aldana NHS)

Louie Jean Mundoc (Juan G. Macaraeg NHS)

Grade 9 - Carlos Peru (San Jacinto NHS)

Concepcion Ternida (Mangaldan NHS)

Grade 10 - Aries Paningbatan (DRECMNHS)

Pacencia Casingal (Bautista NHS)

Grade 11-

Eden Barroga (Tayug NHS)

Hannah Mae Jeazel De Vera (San Jacinto NHS)

MODULO ART:

Grade 10 - Myrna Serrano (Bobonan NHS)

Nenita Ancheta (Rosario NHS)

Grade 11 - Jonathan Condes (San Jacinto NHS)

Emil Javier (Umingan NHS)

Grade 8 - Arnold Subido (Juan G. Macaraeg NHS)

Table Arbiters:

- 1 Angela Martinez (Umingan NHS)
- 2 Allan Glen Heruela (BVANHS)
- 3 Joel Velasquez (Bautista NHS)
- 4 Brendyl De Guzman (BVANHS)
- 5 Mark Jones Sabalboro (San Jacinto NHS)



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Email Address: pangasinan2@deped.gov.ph

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DAMATH:**Grade 9 - Jesus Arenas (Bautista NHS)**

Table Arbiters:

- 1 Cherry Lyn L. Marzan (San Quintin NHS)
- 2 Noel Nunez (Rosales NHS)
- 3 Ernie Solomon (Manaoag NHS)
- 4 Ronnie Guevarra (Coloscaoayan NHS)
- 5 Melecio Gotoc (Mangaldan NHS)

SUDOKU**Chairman: Arnold P. Montemayor (Juan G. Macaraeg NHS)****Co-Chairman: Flornelove R. Opiniano (San Quintin NHS)**

- 1 Crizelle Mae Q. Curammeng (San Quintin NHS)
- 2 Wilma Ducusin (Juan G. Macaraeg NHS)
- 3 Christian Jemuel Micumao (Lumayao IS)
- 4 Jhona Capalto (JGMNHS)
- 5 Bernardit Magumcia (San Quintin NHS)

RUBIKS CUBE:**Chairman: Lucy Ruby Cachero (Manaoag NHS)****Co Chairman: Wilmarie M. Peduca (Amagbagan IS)**

- 1 Darwin Carantes (BVANHS)
- 2 Joe Balusdan (DVTIS)
- 3 Marilou Marquez (Manaoag NHS)
- 4 Rogelio Estrada (Manaoag NHS)
- 5 Virgilio Orjalo Jr (Manaoag NHS)

Magic Square:**Chairman: Leonora B. Vitente (San Nicolas NHS)****Co-Chairman: Mary Lucena Tagama (Cipriano P. Primicias)**

Grade 7

- 1 Laarni Mejia (BVANHS)
- 2 Emily Torreno (Dilan IS)

Grade 8

- 1 Vivian Castro (Mangaldan NHS)
- 2 Antonette Cariño (Lumayao IS)

Grade 9

- 1 Rose C. Cezar (San Jacinto NHS)
- 2 Roberto Caranga (CPPNHS)

Awards:

- Ana Perla B. De Guzman (Benigno V. Aldana NHS)
Arnold P. Montemayor (Juan G. Macaraeg NHS)

DAMATH:**Grade 10 - Jessie Domondon**

Table Arbiters:

- 1 Gener Nunez (Rosales NHS)
- 2 Bobby Vinluan (San Fabian NHS)
- 3 Jesus Chua (CPPNHS)
- 4 Brennan Barnachea (Macayo IS)
- 5 Jonathan Dave Yeh (Tayug NHS)

Grade 11 - Noel Bautista (Benigno V. Aldana NHS)

Table Arbiters:

- 1 Syder Calpito (BVANHS)
- 2 Geraldino Pasag (BVANHS)
- 3 Christian Lustre (Manaoag NHS)
- 4 Alejandro Soriano (Manaoag NHS)
- 5 Luz Melinda Mabalaot (Tayug NHS)

TOWER OF HANOI**Chairman: Ana Perla De Guzman (BVANHS)****Marites Aquino (San Jacinto NHS)**

- 1 Alma Castillo (BVANHS)
- 2 Leonora Araos (San Jacinto NHS)
- 3 Maricel Aguilar (BVANHS)
- 4 Nerissa Mencias (BVANHS)
- 5 Loreto Silaroy (BVANHS)
- 6 Diana Bascos (JGMNHS)

Magic Square:

Grade 10

- 1 Gerald Kevin Bautista (Arboleda NHS)
- 2 Methuseloh Obaña (San Quintin NHS)

Grade 11

- 1 Rusly Maningding (Bautista NHS)
- 2 Flor De Liza P. Abalos (San Quintin NHS)

Grade 12

- 1 Marilou Domingo (San Nicolas NHS)
- 2 Crisanta Ramirez (Lagasis NHS)

Results:

- Flornelove R. Opiniano (San Quintin NHS)
Katherine Gevero (Rosales NHS)



2023 DIVISION MATHEMATICS RECREATIONAL GAMES FESTIVAL

June 2, 2023

Venue: San Pedro East Elementary School, Rosales District II

MANPOWER

MATH QUIZ

Grade 1

Room Supervisor: Marinda S. Saldívar (Alipangpang ES)

Room Examiners:

1 Emelita A. Suyat (Batcilor ES)

2 Shaira Mae C. Rubio (Talingkapor ES)

Grade 2

Room Supervisor: Domitila Mapa (Embarcadero ES)

Room Examiners:

1 May Grace M. Ballesteros (Eulogio Arcaiga ES)

2 Regina Urbano (Baracbac ES)

Grade 3

Room Supervisor: Dyna B. Abalos (Tara-Tara ES)

Room Examiners:

1 Alex Pulmano (Inamotan ES)

2 Melody Barlis (Bautista CS SPED Center)

Grade 4

Room Supervisor: Analiza S. Mones (Caramutan ES)

Room Examiners:

1 Elizabeth B. Micu (Caramutan ES)

2 Anna Rose S. Palola (Barraca Community School)

Validators:

Grade 1 - Maricar C. Conception (Haway ES)

Grade Caballero (Lipit ES)

Grade 2 - Rowena S. Vera (Tebag ES)

Chona Blaquir (Nibaliw ES)

Grade 3 - Erwin B. Estaris (Asan Sur ES)

Leonardo M. Fuentes Jr. (Panganiban CS)

DAMATH:

Chairman: Ninia P Estilloro (Batcilor ES)

Co-Chairman: Rafael R. Vienes (Cabuaan ES)

Chief Arbiters:

Level 1: Meliza Lopez (Cabuaan ES)

Table Arbiters:

1 Renaldo Javier (Talogtog ES)

2 Juliet De Vera (Tebag ES)

3 Albert Laroya (Tabuyoc ES)

4 Bernard Haroy (Inamotan ES)

Cluster Venues:

1 Embarcadero ES (Mangaldan II)

2 Limnansangan ES (Binalonan II)

3 San Pedro East (Rosales II)

Cluster Date: May 25, 2023

Voluntary contribution: 50 pesos

Qualifier Top 3: Grades 1-6

Modulo Top 3

Damath Top 3: Level 1-3

Tower Top 3: Grades 1-6

Sudoku: Top 3: Grades 1-6

Math Quiz: Top 5: Grades 1-6

Grade 5

Room Supervisor: Russel Rex Abdera (Guesang ES)

Room Examiners:

1 Maricel M. Estabillo (Alejandro A. Gamboa ES)

2 Madel Male (Cabaitian ES)

Grade 6

Room Supervisor: Rowena Palisoc (PSDS San Quintin)

Room Examiners:

1 Gil Quiniones (Cili ES)

2 Kristin Marie S. Cabanayan (San Nicolas West Central SPED Center)

Grade 4 - Maribel L. Gavina (Bacag CS)

Estrella Contaol (Concepcion ES)

Grade 5- Flordemelody T. Dizon (Tayug South Central)

Marcial Abulencia (Bued ES)

Grade 6- Narciso Rabara (Juan C. Laya CS Sped Center)

Luis S. Narito (Castus IS)

TOWER OF HANOI

Chairman: William Contaol (Vacante ES)

Dona Jean Ulat (Palakipak ES)

Videographer: 1. Arnaldo Vinluan Jr. (Sta Maria ES)

2. Renante V. Dabatos (San Isidro ES)

1 Rogelyn Castaneto (San Felipe ES)

Robert E. Bautista (Capas ES)

2 Maribeth C. Bautista (CABES)

Virgilio Rabara (Carmen ES)

3 Julita O. Salanga (Pangoan ES)

Maribel Sunti (Alipangpang ES)

4 Rhodora B. Valdez (Alipangpang ES)

Ronald Bryan Flores (Amaronan Evangelista ES)

5 Rhea John Pastoril (Sobol ES)

Alicia Cabero (Nantangalan SPED Center)

6 Amira Estrada (Ungib ES)

Christian Sebastian (Tayug South Central ES)



Address: Mac Arthur Highway, Canarvacanan, Binalonan, Pangasinan
 Telephone Number: (075) 637-6227 / 524-7768
 Email Address: pangasinan2@deped.gov.ph

12

DAMATH:**Level 2: Rodel Quitives (Decreto ES)****Table Arbiters:**

- 1 Yulmar Munar (San Macario ES)
- 2 Liezel Vergara (Alberto Vergara ES)
- 3 Ryan Tabajonda (Alipangpang ES)
- 4 JAIME CASABAR JR (PASILENG ES)

Level 3: Noel Blanco (Pogo ES)**Table Arbiters:**

- 1 Idel D. Flores (San Jose ES)
- 2 Juanito Fronda (Malasin ES)
- 3 Bayani Bautista Jr, (Moreno ES)
- 4 Lirio Dela Vega (Villanueva ES)

SUDOKU**Chairman: Melanio Q. Abalos (Panganiban CS)****Co-Chairman: Felino Villalba (Sta. Maria West CS)****Facilitators:**

- 1 Virginia Luceno (Eulogio Arciaga ES)
- Regine Cabading (Diket ES)
- Laarni J. Ninialga (Saleng ES)
- 2 Janet Bautista (Osiem ES)
- Imelda Ialimarmo (Navaluan ES)
- Shirly Marilyn Montano (Toketec ES)
- 3 Rodora Paa (San Quintin ES)
- Analiza Sebastian (Libertad ES)
- May Flor Rapanut (Calaocan ES)

MODULO ART:**Chairman: Darmer Hilda O. Aquino (San Rafael ES)****Co-Chairman: Emory B. Manzano (Alcala CS)****Facilitators:**

- 1 Geraldine F. Orasco (San Felipe IS)
- 2 Jessie B. Lorenzo (Pindangan West)

- 4 Kelvin Pomel cariaga (Labuan ES)
- Cindy Esperanzate (Evangelista ES)
- Rusty Bedonio (Cal-litang ES)
- 5 Christine Joy Pajarillo (Alipangpang ES)
- Birnadette Muyles (San Andres ES)
- Tiffany Aragon (Sta Rosa ES)
- 6 Renato Mina (San Quintin CS)
- Giesabelle Jireh Butalid (Cristobal Rodrigo ES)
- Gida Lagmay (Bal-loy ES)

RUBIKS CUBE:**Chairman: Cecilia F. Ayento (San Manuel)****Co Chairman: Nelia O. Albat (Asingan I)****Videographer: 1. Reymartabayan (Sobol ES)****1. Maria Angelica Pia (Sobol ES)****Facilitators:**

- 1 Rene Juanani (Trenchera ES)
- 2 Reyquinto Decano (Alipangpang ES)
- 3 Jona Mae Balicao (SVTES)
- 4 Rissa Manangan (San Isidro ES)
- 5 Rom Roeder Coniega (Balincanaway ES)
- 6 Mark Jason Jacinto (Mantac dang ES)

Awards:

- Florence C Mercurio (San Pedro East ES)
Blessilda Costales (Puelay ES)

Results:

- Policarpio Rivera (Buneg ES)
Julie N. Galamgam (Castusu ES)
Teresa Y. Palado (San Vicente Este ES)



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23