



Republic of the Philippines  
Department of Education  
Region 6-Western Visayas  
**SCHOOLS DIVISION OFFICE OF KABANKALAN CITY**  
*City of Kabankalan*

November 28, 2019

DIVISION MEMORANDUM

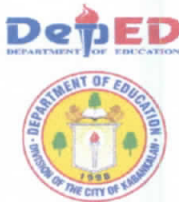
No. 280, s. 2019

**CONDUCT OF DIVISION MATHLYMPICS**

**TO: CHIEFS OF CID AND SGOD  
PUBLIC SCHOOLS DISTRICT SUPERVISORS  
SCHOOL HEADS OF PUBLIC AND PRIVATE SCHOOLS  
ALL OTHERS CONCERNED**

1. The Schools Division Office of Kabankalan City will conduct the 2019 Division Mathlympics on December 6, 2019 in Daan Banua Elementary School and Daan Banua National High School.
2. This activity aims to:
  - a. enhance learners' interest in Mathematics;
  - b. create excitement and enthusiasm in Mathematics among pupils/students through competitions;
  - c. encourage teachers, students and pupils to strive for excellence in Mathematics;
  - d. provide teachers, students and pupils with the opportunities in leadership and cooperative undertaking.
3. Participants to this activity are pupils/students, coaches' who won in the District Mathlympics Elimination Competition and contest officials.
4. Travel expenses of participants are chargeable against School Fund subject to usual accounting and auditing rules and regulations.
5. List of Contests Officials and Contest Mechanics is attached in this memorandum.
6. Immediate and widest dissemination of this memorandum is desired

  
**PORTIA M. MALLORCA, PhD, CESO V**  
Schools Division Superintendent



Enclosure to DepEd Memorandum No. \_\_\_\_s. 2019

### **MATHLYMPICS MECHANICS OF THE DIFFERENT CONTESTS**

#### **DAMATH**

1. Time control for each round is 10 minutes and 30 seconds allotted for each move.
2. The chips are signed fractions for Senior High School, integers for Junior High School and whole numbers for Elementary.
3. Each school/district shall have two (2) participants namely board 1 and board 2.
4. There will be three (3) knock out rounds for elimination.
5. The semi-final round shall be 3 rounds single round robin.
6. The championship round will be played between the top player from board 1 and board 2.
7. Recording of moves and scores is mandatory.
8. Only scores that are recorded will be acknowledged.
9. An arbiter will be assigned to each board to assist in time control.

#### **KAKURO/ SUDOKU**

1. Each school/district shall have two representatives.
2. The game shall be composed of 3 categories: EASY (Elementary), AVERAGE (Junior High School) and DIFFICULT (Senior High School).
3. The time limit for Easy and Average shall be 5 minutes and 3 minutes for the Difficult category.
4. TOP 3 highest scorers in the three categories will be declared as 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> placer respectively.
5. In case of a tie, a CLINCHER ROUND will be given to determine the winner.

#### **TOWER OF HANOI**

1. Each school/district shall have four (4) participants. Two participants for blind and two for unblind category in two ways.
2. Each participant will draw a group number for the elimination round. (2 groups)
3. We can only move 1 disk at a time
4. Big disk should not be placed on top of the small disk.
5. Remember that for every number of disks there is a corresponding number of moves.
6. Only the 2 fastest contestants per group will advance to the semi-finals. (5 participants)
7. The first 5 finishers in the semi-finals will advance to the Final Round.
8. The first 3 finishers in the final Round will be considered as the 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> placers of the game.

#### **RUBIK'S CUBE**

1. Participants will be divided into two (2) groups.
2. Every group is composed of nine (9) contestants.
3. Groupings will be based on draw lots from 1 to 10. Numbers 1 to 5 will be the first group to compete followed thereafter.
4. In every group top two finishers will be declared as winners and will advance in the final round.
5. In the final round, top 3 finishers will be declared winners. First finisher will be the champion, second finisher will be the first runner-up and the third finisher will be the second runner-up.
6. Alloted time is five (5) minutes.
7. If in case the alloted time is over and there is still no finisher, no one in that group will qualify in the final round.
8. Judges decisions are final.

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### **KADANG**

1. Each school/district shall have 7 participants for the game and reserve players.
2. The players should be on their long pants and rubber/tennis shoes with globes (optional).
3. The game will be divided into 3 stations wherein tasks should be performed/answered. Results on every station will serve as clue for the next station.
4. The group will travel together riding the Kadang designed for 7 persons.
5. A first clue will be given on the 1<sup>st</sup> station to the last member on the Kadang who will relay it to the 6<sup>th</sup> and 5<sup>th</sup> member only and together they will do the task.

(note: other members should still stay on the Kadang)

6. The answer/result on the 1<sup>st</sup> station will be relayed by the 5<sup>th</sup> member to the 4<sup>th</sup> member on the Kadang who would then relay it to the 3<sup>rd</sup> and 2<sup>nd</sup> members.
7. The group will then proceed to the 2<sup>nd</sup> station where the clue given will be used by the 4<sup>th</sup>, 3<sup>rd</sup>, and 2<sup>nd</sup> members only in doing the task.
8. The answer/result on the 2<sup>nd</sup> station will be relayed by the 2<sup>nd</sup> member to the driver or 1<sup>st</sup> member on the Kadang.

(note: other members should stay on the Kadang)

9. The group will then proceed to the 3<sup>rd</sup> station/Goal where the clue given will be used by the driver in doing the task. The Facilitator will then judge the final result/answer if correct (only one final answer will be accepted). If not, the group will return at the start station who will do again the task but to be done by all members in all stations until correct answer is achieved.

### **HUMANISTIC MATH**

1. Each school/district shall have 10 to 15 participants including propsmen.
2. Performance must not be less than (5) minutes and not more than seven (7) minutes including introduction and finale.
3. The lyrics may be in English, Tagalog, Hiligaynon or any dialect used within the region.
4. Any instrument is not allowed to be used for accompaniment
5. Body parts can be used as accompaniment.
6. Lifting is strictly not allowed.
7. Each participating group will submit 3 copies of songs and yells in folders to be provided to the judges.

#### **CRITERIA FOR JUDGING**

Performance (Interpretation and Mastery).....	40%
Originality.....	25%
Confidence and Impressive Presentation/Delivery.....	15%
Relevance to Mathematics.....	20%
<b>TOTAL</b>	<b>100%</b>

### **MATHEMATICIAN LOOK- ALIKE**

1. Only registered participant can join the contest
2. The contestant should select a Mathematician to be impersonated.
3. During the contest, the participant shall bring with him/her a picture of the Mathematician he/she impersonating posted in a 1/8 sized cardboard. A hard copy of that picture must be submitted to the judges before the contest.





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4. The participant shall prepare a minimum of 1 minute but shall not exceed 3 minutes' introduction regarding the life, works, and contribution of the Mathematician he/she is impersonating.
5. There is an interview for every participant about the important contribution of his/her impersonated Mathematician to the world

**CRITERIA FOR JUDGING (Mathematician Look-alike)**

Resemblance of the (Costume and Make up) .....	25%
Showmanship (Stage presence and overall impact) .....	25%
Introduction (Mastery, confidence and rapport) .....	25%
Interview.....	25%
<b>TOTAL.....</b>	<b>100%</b>

**MATH QUIZ BEE**

1. Each school/district shall have two (2) contestants for the competition.
2. Each contestant will be provided with slips of paper for the answer to each question. Before the first question, contestants will write their identification number on each slip as assigned by the quiz master.
3. There shall be 15 questions: 5 fifteen- second questions worth 2 points each, 5 thirty-second questions worth 3 points each and 5 one-minute questions worth 5 points each for a total of 50 points.
  - a. The 15-second questions is a multiple choice test that are to be answered mentally. There will be no writing anywhere, neither on paper, the table, etc.
  - b. The 30-second questions is a multiple choice test. The 1-minute questions are not a multiple choice test; final answer must be written on slips of paper. Contestants may use scratch paper and may begin solving as soon as they wish.
4. The quizmaster will read each question twice after which he/she gives the GO signal. The time starts when the quizmaster gives the GO signal.
5. Each answer will be written on the official answer slips provided. As soon as the buzzer rings, everybody must stop writing.
6. Proctors will collect the answer slips and give them to the judges who sort them into two sets; those with correct answers and those with wrong answers.
7. One of the judges will announce the teams with the correct answer. The scorers record the points obtained by each contestant for each correct answer.
8. Answers must be given complete with units and to the required accuracy. However, if the unit is already given in the way the question is asked, it need not be given in the answer.
9. The scores in three parts will be added to determine the winners.
- 10 In case of a tie among any of the contestants vying for the first three places, a "do or die" question will be given to break the tie.

**COMPLAINTS OR CLARIFICATIONS**

11. Only the official contestant may raise a complaint or clarification.
12. Complaint on a given question should be made before the next question is asked. This should be directed to the chairman of the Board of Judges.
13. The board of judges shall resolve complains and problems regarding the test questions and their respective answers.
14. All decisions of the board of judges shall be final.



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**DIVISION MATHLYMPICS CONTESTS' OFFICIALS**

TOWER OF HANOI (Blind and Unblind)		
Elementary	Junior High School	Senior High School
Chairman: Adoracion Trinidad Members: July Trinidad Marjun Fernandez	Chairman: Rene Tan Members: Jojie Ann Dalanon Sheryl Rhea Coleta	Chairman: Sheryl Medecilo Members: Erwin Navarro Maria Linie Donguines
RUBIK'S CUBE		
Elementary	Junior High School	Senior High School
Chairman: Jo Francis Lirazan Members: Guia Gaid Glen Siasat	Chairman: Shen Sorrosa Members: Charity Navarro Rosalie Sandico	
DAMATH		
Elementary	Junior High School	Senior High School
Chairman: Rommel Villaran Members: Rommel Barcoma Mitch Rhoda Perido	Chairman: Annabelle Togalon Members: Dennis Trujillo Alma Sibugan	Chairman: Jepsy Labrador Members: Dave Entierro
MATH KADANG		
Elementary	Junior High School	Senior High School
Chairman: Richard Canlog Members: Line Untal Eugene Estoquia	Chairman: Juvy Matula Members: Gedion Gicos Ariel Montesino	Chairman: Melvin Perje Members: Mary Ann Ayalin John Ambong
SUDOKU		
Elementary	Junior High School	Senior High School
Chairman: Ariel Boyayot Members: Reniel Santos Joyce Ann Lambojon	Chairman: Hazelyn Tranco Members: Reniel Santos Erwin Navarro	Chairman: Lorena Garpa Members: Jerilee Cataloctocan Juven Vargas
KAKURO		
Elementary	Junior High School	Senior High School
Chairman: Helen Tagamolila Members: Ailyn Jane Gelecanao Jesmin Carian	Chairman: Kempee Jay Mamboo Members: Bernardo Manong Jocelda Anono	
MATHEMATICIAN LOOK-ALIKE		
Elementary	Junior High School	Senior High School
Chairman: Jedalyn Grejaldo Members: Kimberly Gonzales Romel de Guzman	Chairman: Ma. Erma Bundaon Members: Maery Angel Rio Scottie Gamelon	
HUMANISTIC MATH		
Elementary	Junior High School	Senior High School
Chairman: Dennis Presaldo Members: Raymund Flores Maria Asuncion Lirazan	Chairman: Jenalyn Bornes Members: Roxanne Nieves Leonel Castillo	

<b>QUIZ BEE</b>		
<b>Elementary</b>	<b>Elementary</b>	<b>Elementary</b>
Quiz Master: Evelyn Fairbanks Proctors: Dane Mark Carian Shery Gregorio Tabulator: Henelyn Vidal Scorer: Renzo Rubio Timer: Joyce Ann Lambojon Judges: Amelia Estampador Roem Barcoma Erpa Javellana	Quiz Master: Hannah Lyn Buenafe Proctors: Rizza Ganiolon Ma. Fe Benzuela Tabulator: Ruby Salugnon Scorer: John Ambong Timer: Emely Pugahan Judges: Jude Dojoles Jinky Ferrer Meralona Lirazan	Quiz Master: Jimmy Piad, Jr. Proctors: Ma. Lenie Donguines Jenalyn Bornes Tabulator: Elmer Gangoso Scorer: Leonil Castillo Timer: Maricon Forteza Judges: Elena Malacapay Millie Dinolan Leocel Macabales

### **WORKING COMMITTEES**

#### **Stage Preparation**

Lorena Garpa

#### **Program**

Rommel Villaran

#### **Awards**

Hannah Lyn Buenafe  
Vivian Estalar  
Promise Joy Lariosa

#### **Registration**

Ma. Fe Lobaton, Jojie Ann Dalanon

#### **Preparation of Venue**

Daan Banua ES and Daan Banua NHS teachers

#### **Invitation**

Ma. Erma Bundaon

#### **Snacks**

Ma. Fe Lobaton

#### **Garlands**

Sarah Gabaya

#### **Documentation**

Melalyn Parares (Elementary)  
Jennesa Gasataya (Secondary)

