



Republic of the Philippines  
Department of Education  
Cordillera Administrative Region  
DIVISION OF BAGUIO CITY  
#82 Military Cut-Off, Baguio City  
Tel. No.: 446-6138



Division Memorandum  
No. 262, s, 2017

To: **School Administrators, Principals, School Heads  
Elementary Math Teachers/ Coordinators  
(Public and Private School)**

From:   
**FEDERICO P. MARTIN, CESO VI**  
Schools Division Superintendent

Subject: **WEST BAGUIO CENTRAL DISTRICT MATHEMATICS FESTIVAL 2017 (Elementary)**

Date: **September 07, 2017**

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1. This is to announce to the field the result of the District Mathematics Coordinators' meeting held last August 29, 2017 at Quezon Hill Elementary School.
  2. The District Mathematics Festival is scheduled on September 22 – 23, 2017 at Quezon Hill Elementary School, Middle Quezon Hill, Baguio City. Attached herein are the guidelines and mechanics.
  3. The guidelines specify the procedures in conducting each contested areas in Quiz Bee and in Damath. Working committees were identified for systematic flow.
  4. Immediate and wide dissemination of this memorandum is desired.



Republic of the Philippines  
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**WEST BAGUIO CENTRAL DISTRICT**  
 Baguio City

**GUIDELINES IN THE CONDUCT OF WEST BAGUIO CENTRAL DISTRICT  
 MATHEMATICS FESTIVAL 2017**

1. The Division of Baguio, West Baguio Central District will have its Annual District Mathematics Competition on **September 22 – 23, 2017** at Quezon Hill Elementary School from 7:30 am – 5:00 pm. The deadline of registration is on September 19, 2017 to determine the number of participants. Coaches shall register their contestants to the treasurer, Mrs. Jhona Badcao of San Luis Elem. School or to Mrs. Charito T. Fernandez of Josefa Cariño Elem. School. The registration fee is P75.00 for each contestant per event.
2. The activity aims to:
  - a. Encourage students and pupils to master the basic Mathematical Skills and strive for excellence.
  - b. Enhance the interest in Mathematics among students, pupils and teachers.
  - c. Promote leadership, cooperation, sportsmanship and camaraderie among the participants.
  - d. Select participants to the Division Math Festival.
3. The competitions to be undertaken in this activity are as follows:
  - A. **Damath Competition – September 22, 2017**
    1. The coaches **must** register two (2) contestants per category  
 Categories:
 

Level 1	Grades 1 & 2	Counting Damaths
Level 2	Grades 3 & 4	Whole Number Damaths
Level 3	Grades 5 & 6	Positive Fraction Damaths
    2. As agreed during the pre-planning conference, **Round Robin System** is use in determining the winners in damath competition.
    3. Contestants are advised to bring with them their 3cm by 3cm Damath board and with chips 3cm in diameter/3cm by 3cm , **calculator for fraction damath**, ballpen/pencil.
    4. Top four (4) winners per level will represent the district to the division level.
  - B. **Mathematics Quiz Bee – September 23, 2017**
    1. For Grade 1 to 6 shall have one participant for the **ORAL** competition per school.
    2. Each coach is entitled to submit one question (MTAP STYLE) per category as stipulated below.
 

Category	Type of Test
1 Easy	No Choices
1 Average	No choices
1 Difficult	No Choices
1 Clincher	No Choices
    3. The coverage of the Quiz Bee shall be based to the K to 12 Curriculum from First quarter to Fourth quarter except in grade one and grade two level, the coverage will be from first to second quarter only. **ALL ANSWERS SHOULD HAVE SOLUTIONS.**
    4. All questions should be computerized and printed in ¼ crosswise of a short coupon bond (8.5"x 11"), with 1 ½ spacing , a font of 12" and Arial style . Not following the specifications as stated, will be the ground for **DISQUALIFICATION** of the given question(s).
    5. The participants will prepare 20 pcs. 1/4 size short bond paper for their answer sheet per grade level.
    7. The top 3 winners for Grade 3 to 6 will represent the District to the Division Math Festival.
  - C. The top three (3) winners for Oral Competition and Top 4 winners for Damath Competition will be awarded certificate of recognition. Non winners will be presented with certificate of participation.
  - D. Additional Guidelines and mechanics are found in enclosures.
  - E. Participants and coaches are advised to bring their own snacks and lunch.
  - F. Working Committee

Damath Competition - Chairman : Charito T. Fernandez  
WBCDMTA President  
Quiz Bee Competition: Chairman: Tercima G. Valle  
WBCDMTA Focal Person  
Committee on Registration: Jhoana D. Badcao  
WBCDMTA Treasurer  
Committee on Program, Awards and Recognition: Rita P. Embang  
WBCDMTA Secretary

G. Attached herein are the working committee stated as their school.

**WORKING COMMITTEE : ORAL QUIZ BEE COMPETITION**

	GRADE I	GRADE II	GRADE III	GRADE IV	GRADE V	GRADE VI
QUIZMASTER	SCES	JCES	GLAD TIDINGS	SCES	QHES	IES
SCORER	JCES	QHES	PQES	HSPLM	FES	SJDMLC
	FES	SLES	ERQES	SCES	GLAD TIDINGS	JCES
PROCTORS	SLES	ERQES	SLES	QHES	JCES	GLAD TIDINGS
	QHES	IES	SCES	PQES	SJDMLC	FES
JUDGES	PQES	SCES	QHES	ERQES	SCES	SCES
	ERQES	JMCA	JCES	IES	ERQES	ERQES

**WORKING COMMITTEE : DAMATH COMPETITION**

	LEVEL I	LEVEL II	LEVEL III
ARBITER	Jhoana Badcao	Chadrey Madumme	Arthur U. Umali
SCORER	FES SCES ERQES	GLAD TIDINGS IES ERQES	SCES ERQES IES
CHECKERS	ALL COACHES		

\*TIMER: ERQES

**Mechanics for the District Oral Competition**

- The oral competition shall be a written – oral contest.
- The District Math Quiz shall be conducted in a quiz show format wherein all contestants are seated and show their answers to the audience at the same time, to be checked by the proctors for recording.
- Each contestant will be provided with slips of paper for the answer to each question. Before the first question they will write individual identification on each slip.
- There will be **15 questions**. 5 Easy - 15 second questions worth **2 points**, 5 Average - 30 second questions worth **3 points** and 5 Difficult - 60 second questions worth **5 points** each for a total of 50 points. In case of a tie, Two Lead Rule will be followed. (One quizzzer who answers the first – two questions correctly out of 3 questions will be the winner.
- The Quiz Master will read each question **TWICE** after which he/she gives the **GO** signal.
- Answers will be written on the official answer slips provided. As soon as the buzzer rings, everybody must stop writing and raise their answer sheets with the proctor and recorder verifying and recording them.
- If the proctor cannot determine the validity of the answer, the Board of Judges will decide on the matter. **The decision of the judges is final.**
- Answer 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.
- The contestant/teams will be ranked according to their total scored in the three parts to determine the winners.
- In case of a tie among any of the teams vying for the first – three (3) places, a set of three questions will be given to break the tie, one from each category of questions. If the tie is not broken after the three questions, “Do or Die” questions will be given.
- Complaints or clarifications:
  - The duly registered coach of the contestants is the only person authorized to make a protest.

11.2 Complaints/protests on a given question should be made before the next question is asked. This should be directed to the judges.

12. The competition for each grade level shall require the following support staff, which will be selected from the pool of coaches/trainers.

13. Any violation of the aforementioned rules shall cause the disqualification of the contestant concerned.

### Damath Manual

#### Mechanics for the District Damath Competition

\*Basically the rules in playing the Filipino checkerboard game called dama will be used with some modifications in integrating Mathematics as follows.

1. Set the starting positions of the chips.
2. After the starting positions of the chips have been set, the first player is determined by drawing lots.
3. A chip is allowed to move diagonally forward only to an adjoining vacant square.
4. A chip has to take the opponent's chip diagonally forward or backward, thus "pass" is not allowed. Mathematical operations (+, -, x, ÷) will be used depending on the vacant squares operation symbol where the taker chip lands by jumping over the taken chip (the later chip has to be removed from the board after performing the indicated mathematical operation and recording same in the score sheet).
5. In taking more than one chip, the 'taker' chip is always the addend, minuend, multiplicand, or dividend as the case may be.
6. In taking a chip or more than one chip, the dama rules on dama, 'mayor dalawa or tatlo', 'mayor tatlo over dalawa', 'mayor dama', and 'mayor dalawa or tatlo over dama' prevails.
7. A chip is declared 'dama' upon reaching terminally on the following designated squares:  
For red chips:           (0,7)           (2,7)           (4,7)           (6,7)  
                                  (1,0)           (3,0)           (5,0)           (7,0)
8. A 'dama' chip is allowed to take a chip or more than one chip, or move to any unoccupied square along its diagonal path. Moreover, a dama's score is double in taking a chip or chips, and quadrupled if it takes the opponent's dama chip. Similarly, an ordinary chip's score is doubled if it takes a dama chip.
9. A 'move' (e.g. 2-(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.
10. 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
  - \*A player's chip is cornered
  - \*A player has no more chip to move
11. The remaining chips have to be added to the respective player's total scores.
12. The player with the greater total score declared 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.
13. Only one score sheet 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 erring player in as much as the former's decision is final and unappealable.