



DepED MEMORANDUM
No. 526, s. 2008

NOV 11 2008

THE 2009 METROBANK-MTAP-DEPED MATH CHALLENGE

To: Bureau Directors
Directors of Services/Centers and Heads of Units
Regional Directors
Schools Division/City Superintendents
Heads, Public and Private Elementary and Secondary Schools

1. The Metrobank Foundation, Inc. (MBFI), the Mathematics Teachers Association of the Philippines (MTAP), and the Department of Education (DepED) announce the holding of the 2009 Metrobank-MTAP-DepED Math Challenge from January to April 2009 with the theme "**Moving Forward Through Excellence in Mathematics**".

2. The overall objective of the competition is to contribute in improving the quality of Mathematics education in the Philippines. Specifically, it aims to:

- a. awaken greater interest in Mathematics among elementary and high school students in both private and public schools all over the country;
- b. encourage students to strive for excellence in Mathematics;
- c. encourage mastery of basic mathematical skills;
- d. discover mathematical talents among the students;
- e. develop the values of hardwork, perseverance, honesty, teamwork, and sportsmanship; and
- f. provide students with opportunities in leadership and cooperative undertaking.

3. The elimination and division level competition will be participated in by all elementary school pupils and high school students nationwide. However, only Grade VI pupils and Fourth Year students shall participate in the regional and national levels. To enable a team or individual first place winner in the Regional Finals to qualify to the National Finals, they must meet the "hurdle rate" established by the National Steering Committee. For the National Finals, the following are the qualifications for both individual and team competitions:

For Elementary Level

- Top scores in each geographical area (NCR, rest of Luzon, Visayas and Mindanao)
- Remaining six (6) top scorers across all regions

For Secondary Level

- Top scorers for both Categories A and B in NCR
- Top scorer in each geographical area (rest of Luzon, Visayas and Mindanao)
- Remaining five (5) top scorers across all regions

4. The participating parties shall determine expenses from the elimination round to the regional level competition. Participants from private schools shall make necessary arrangements for their expenses with their school heads. At the national level, the Metrobank Foundation, Inc. (MBFI) will finance the transportation expenses, accommodation and meal allowance of the national finalists and their coaches. MBFI shall also provide the awards for the winners from the Division Finals (medals) to the Regional and National Finals (cash prizes, medals and trophies), as well as, cash incentives for the coaches of regional and national finalists.
5. The contest schedule, guidelines and mechanics of the competition are contained in the Enclosure No. 1 and Enclosure No. 2, Registration Form for Private School only and Enclosure No. 3, Summary of Participants. Separate guidelines will be issued for the National Capital Region (NCR) Competition.
6. In case of conflict in schedule with other DepED activities, the division offices are advised to assign appropriate person to administer the test at the division and/or regional levels on the scheduled dates.
7. For more information, please contact Sr. Iluminada C. Coronael, f.m.m., President, Mathematics Teachers Association of the Philippines (MTAP), at the Stella Maris College, Cambridge St., Cubao, Quezon City at telefax no. (02) 912-5249 or iccoronel-mtaphil@yahoo.com; or the MTAP Office at tel. no. (02) 709-0447; or the MBFI Secretariat at tel. nos. (02) 898-8898/750-0837 or e-mail idlabitad@metrobank.com.ph; aareyes@metrobank.com.ph or clburgaoan@metrobank.com.ph.
8. Arrangements for substitute teachers must be made to ensure that the classes of the participating teacher-coaches will not be disrupted.
9. Immediate and wide dissemination of this Memorandum is desired.


JESLI A. LAPUS
Secretary

Encls.:

As stated

Reference:

DepED Memorandum: No. 353, s. 2008

Allotment: 1- -(D.O. 50-97)

To be indicated in the Perpetual Index
under the following subjects:

CONTESTS

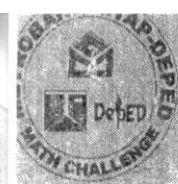
Learning Area, MATHEMATICS

PRIZES or AWARDS

PUPILS

STUDENTS

Maricar /DM-MTAP
11-04-08



Enclosure No. 1 to DepED Memorandum No. 526, s. 2008

I. SCHOOL LEVEL: (Grades 1 to 6; 1st Year to 4th Year)

1. Have a competition using a test by grade/year level prepared by the school.
2. The top 3 students per grade/year level who will obtain the highest score will represent the school in the Elimination Round. (**Note:** the elimination round is open to ALL interested schools, both private and public.) **We urge school districts not to have their own elimination to choose contestants for the whole district.**
3. There shall be a maximum of (18) pupils for Elementary and/or (12) pupils for Secondary in every participating school, broken down as follows.

Example:	School A (Elementary)					
Grade	1	2	3	4	5	6
No. of Pupils	3	3	3	3	3	3

School A (High School)				
Year	1 st	2 nd	3 rd	4 th
No. of Pupils	3	3	3	3

4. All participating SUCs and private schools are required to accomplish a one-page **Registration Form (MMC Form 1)**, which should be sent directly to the DepEd Division Math Supervisor in-charge, from **December 1-5, 2008**. For the public school, the number of contestants will be communicated to the Division Math Supervisor by the concerned principals in a manner agreed upon in the Division.

II. ELIMINATION ROUNDS: (Grades 1 to 6; 1st Year to 4th Year)

5. The DepEd Division Math Supervisor shall be in-charge of the preparation, implementation and documentation of the Elimination Rounds competition. **He/she will also be responsible for settling all questions, including protests, which may arise in the course of the competition.**
6. **Test-Type:** Written Exam, test materials shall be prepared by MTAP and transmitted through the Metrobank branch in the Division / area. The concerned Branch Manager shall turn-over the questionnaires personally to the Division Math Supervisor at least a day before the Elimination Round. However, the package containing the questionnaires shall be opened just before the start of the competition.
7. **Conduct of the Competition:** Please refer to **Mechanics for the Elimination Rounds (MMC Document No. 3)**.
8. All selected students per grade/year in a school shall take a written test in a place or center designated by the Division. The test materials shall be prepared by MTAP and transmitted through the Metrobank branch in the Division.
9. In case there is no Metrobank branch in the area, the test materials shall be delivered directly to the division office/s c/o the Schools Division Superintendent concerned who shall open the test materials just before the start of the competition.
10. In case the number of questionnaires sent is not enough, only the Division Math Supervisor or his/her duly trusted representative may photocopy the questionnaires immediately after opening the package. Only the exact number of the questionnaires will be reproduced. This provision will be included in the memo/advisories issued to the Supervisors to avoid leakage.
11. A division may have one or more testing centers depending on the distances between the schools, the size of the division and the number of participating schools. It will be feasible to have one center per district for the elementary; for the secondary, a cluster of towns may have one center. A cluster of City Divisions with very few secondary schools may also have just one center.

Example: Suppose Division A has 20 participating schools. Then, there will be 20 x 3 or 60 Grade 1 pupils to take the test, 60 for Grade 2, up to Grade 6 or a total of 360 pupils who will take the test in the Center. If those 20 schools are very far from each other, the Division may have more than one center for them.

12. The test papers will be corrected using the key provided for.
13. The winners of the elimination rounds should be announced immediately after the competition, if possible, and a DepEd memo should be issued to formalize the announcement.
14. In case the results will not be released because of a valid reason (i.e. too many schools joined and the assigned correctors will not be able to finish checking the test papers on time), the Division Math Supervisor should announce before the Eliminations start that the results will not be released immediately after the competition but a DepEd memo shall be issued instead.
15. The top individual scorer of the whole Division (*one each from Grade 6 and 4th year*) qualifies to compete at the **Regional Individual Finals**. In case of a tie, it should be broken through the use of the questions prepared by MTAP for that purpose.
16. The scores of the top two contestants of a school by grade/year level shall be added to form the school's score. Suppose the scores of the (3) contestants of *School A* in *Grade 1* are as follows:

Efren - (32); Rosa - (35); Jose - (38)

- The score of *School A* will be $35 + 38 = 73$. The *Grade 1* team from *School A* will be composed of Jose and Rosa.
 - Assuming *School A* qualifies to compete in the **Division Team Finals**, *Efren* will be the alternate if either Rosa or Jose is not available on the date of the competition.
 - If in case both Jose and Rosa are not available to compete due to unforeseen circumstances, *Efren* will not be allowed to compete alone. Thus, their team will automatically be disqualified. **SUBSTITUTION IS NOT ALLOWED.**
17. The school scores of the whole division per grade/year shall be ranked from highest to lowest.
 18. The top 6 to 20 highest scoring schools qualify to participate in the **Division Team Finals** competition. There shall be no cut-off score. The number of teams qualified to join the Division Finals is dependent on the number of participating schools in the elimination rounds. Please refer to matrix below:

Number of Participating Schools	Number of Teams to Qualify in the Division Finals	Number of Participating Schools	Number of Teams to Qualify in the Division Finals
15 or fewer	Top 6	31-35	Top 14
16-20	Top 8	36-40	Top 16
21-25	Top 10	41-45	Top 18
26-30	Top 12	46 or more	Top 20

Note: 20 is the maximum number of teams because experience indicates that it is the maximum number manageable for an oral team competition.

19. Certificates of Merit shall be awarded to students from Grades 1 to 6 and 1st to 4th Years who qualify under the following conditions, based on their performance in the Elimination Rounds:

First Honors: for those who get **45** or more correct answers;
Second Honors: for those who get **40 - 44** correct answers;
Third Honors: for those who get **35 - 39** correct answers.

III. DIVISION FINALS: (Grades 1 to 6; 1st Year to 4th Year - Team Competition)

20. The DepEd Division Math Supervisor shall be in-charge of the preparation, implementation and documentation of the Division Finals competition including preparation of the program and designation of judges, proctors and hosts/quizmasters. He/she will also be responsible for settling all questions, including protests, which may arise in the course of the competition, or a panel of advisers may be formed by the Division Schools Superintendent.
 21. **Test-Type: Written-Oral contest**, test materials shall be prepared by MTAP and transmitted through the Metrobank branch in the Division / area. The concerned Branch Manager shall turn-over the questionnaires personally to the Division Math Supervisor at least a day before the Division Finals. However, the package shall be opened just before the start of the competition.
 22. **Conduct of the Competition:** Please refer to *Mechanics of the Oral Competition (MMC Document No. 4)*, which will be sent to the Division Math Supervisors together with the questionnaires for the Elimination Rounds.
 23. In case there is no Metrobank branch in the area, the test materials shall be delivered directly to the division office/s c/o the Division Math Supervisor concerned. The Math Supervisor in-charge shall open the test materials just before the start of the competition.
 24. In case the number of question strips sent for Part III of the Oral Competition is not enough, only the Division Math Supervisor or his/her duly trusted representative may have additional copies made. Only exact number of questionnaires shall be reproduced.
 25. It is desirable that the Team Orals for the different grade/year levels follow one after the other. However, if the testing center has enough venues, proctors and judges, the competition of two grade/year levels may be conducted simultaneously.
 26. The results of the division finals will be announced immediately after the competition and a DepEd memo should be issued to formalize the announcement. A copy of the memo should be furnished to the DepEd Regional Math Supervisor for reference in the preparation for the Regional Finals.
 27. **Medals** will be awarded to the members of the top 3 winning teams per grade/year level. However, to enable a team to win any of the prizes at stake, i.e. 1st prize, 2nd prize, 3rd prize, they must meet a score of at least 25 points out of a perfect score of 60 points.
- Example:** Suppose the top 3 teams of Division A have the following scores: School A = (37); School B = (28); School C = (23). So team members of School A and School B will receive medals. School C will not be awarded since the score is less than (25).
- NOTE:** *Hurdle rate requirement for the awarding of Medals should be announced during the OPENING PROGRAM.*
28. First place winners in Grade 6 and 4th Year High School are qualified to compete in the **Regional Finals** provided they meet the hurdle rate of **25 points**.
 29. Certificates of Recognition will be awarded to the schools of the top 3 winning teams. Certificates of appreciation will be given to all coaches and staff members of the competition. All non-winning contestants will be given certificates of merit.

IV. REGIONAL FINALS

30. The DepEd Regional Math Supervisor shall be in-charge of the preparation, implementation and documentation of the Regional Finals, including preparation of program, designation of judges, proctors, correctors for the individual competition and hosts/quizmasters.

31. An **MTAP representative** will assist in facilitating this stage of the contest, both in the individual and team competition. He/she will also be responsible for settling all questions, including protests, which may arise in the course of the competition.
32. The MTAP representative shall bring the questionnaires and awarding materials on the date of the contest.

A. INDIVIDUAL COMPETITION: (Grade 6 and 4th Year only)

33. **Test-Type:** Written - The test will consist of three types of questions: *Part I* - 15 questions worth 2 points each; *Part II* - 5 questions worth 3 points each; and *Part III* - 3 questions worth 5 points each for a total of 60 points.
34. For this competition, the contestants must use their code numbers given to them at the registration.
35. The contestants will be given 1.5 hours to answer the test.
36. Partial credit will be given to answers in Parts II and III.
37. There may be more than one corrector for the papers, but only one may correct either Part II or III for the sake of consistency in the giving of partial credit. Each paper must be counter-checked by a corrector of another part of the paper.
38. The top three scorers will be declared winners and awarded medals and cash prizes, provided they meet the "hurdle rate" of 25 points out of a perfect score of 60 points. However, regardless of their scores, they will receive certificates of recognition.
39. Certificates of merit will be given to all non-winning Regional Finalists and certificates of recognition for all trainers/coaches.

B. TEAM COMPETITION: (Grade 6 and 4th Year only)

40. **Test-Type:** Written-Oral
41. **Conduct of the Competition;** Please refer to Mechanics of Oral Competition (*MMC Document No. 4*). The mechanics are the same as that of the Division Finals.
42. The top 3 teams will be declared winners and awarded medals and cash prizes, provided they meet the "hurdle rate" of 25 points out of a perfect score of 60 points. However, regardless of their scores, they will receive certificates of recognition.
43. Trophies will be awarded to the schools of the winning teams, provided their contestants meet the "hurdle rate" of 25 points out of a perfect score of 60 points. Certificates of recognition will be given to all coaches and staff members.

NOTE: *Hurdle rate requirement for the awarding of trophies, medals and cash prizes should be announced during the OPENING PROGRAM.*

44. Coaches of both individual and team contestants shall be given cash allowance by the Metrobank Branch representative concerned. However, in case the individual and team regional finalists come from the same school, only the coach of the team shall be given cash allowance. This should be announced by the Host/Quizmaster during the OPENING PROGRAM.
45. All non-winning Regional Finalists will be given certificates of merit.
46. The Metrobank Foundation will provide the cash prizes, medals and trophies while MTAP, shall award certificates.

V. NATIONAL FINALS

A. SELECTION OF NATIONAL FINALISTS: (Grade 6 and 4th Year only)

47. Scores of all regional first place winners in each geographical area, i.e., NCR, Rest of Luzon, Visayas and Mindanao, for both individual and team competition, shall be ranked from highest to lowest.

48. Slots Allocation of National Finalists:

For Elementary Level

- Top scorers in each geographical area (NCR, Rest of Luzon, Visayas and Mindanao)
- Remaining six (6) top scorers across all regions.

For Secondary Level

- Top scorers for both Category A & B in NCR
- Top scorers in each geographical are (Rest of Luzon, Visayas, and Mindanao)
- Remaining five (5) top scorers across all regions.

49. Top rankers must also meet the “hurdle rate” established by the National Steering Committee, which is 40 points out of a perfect score of 60 points.

50. In case of tie, the Metrobank Branch concerned will administer the tie-breaking test at a designated venue, in coordination with the DepED Regional Office.

51. National Finalists shall be notified formally by Metrobank Foundation as soon as the consolidation of results is completed by MTAP.

B. INDIVIDUAL COMPETITION: (Grade 6 and 4th Year)

52. The individual contestants will undergo both written and oral competitions. The individual written competition will be administered a day before the oral competition

53. The final score of each individual contestant will be 60% of written score + 40% of the oral score. This will be announced after the oral competition.

54. The contestants will be ranked according to the combined scores and the top three will be declared winners.

C. TEAM COMPETITION: (Grade 6 and 4th Year)

55. The team contestants will undergo an oral competition only. The mechanics are the same as those of the Division and Regional Finals.

56. The top three teams will be declared winners.

Note: The complete mechanics of both the individual and team competitions at the national level shall be explained prior to the start of the contest.

FOR MORE DETAILS:

Write or call Sr. Iluminada C. Coronel, F.M.M., President, Mathematics Teachers Association of the Philippines (MTAP), at the Stella Maris College, Cambridge St., Cubao, Quezon City with telefax no. (02) 912-5249; 709-0447 or e-mail at iccoronel_mtaphil@yahoo.com / clbugaoan@metrobank.com.ph / aareyes@metrobank.com.ph / idlabitad@metrobank.com.ph or call the DepEd Math Supervisor in your locality.



2009 Metrobank-MTAP-DepEd

MATH CHALLENGE

REGISTRATION FORM

Enclosure No. 2 to DepED Memorandum No. 526, s. 2008

DepEd Division _____ Region _____

Name of School _____ Telephone No. _____

School Address _____

Contact Person _____ Position _____ Tel/Fax No. _____

Grade/Year Level	
Contestant #1:	
Contestant #2:	
Contestant #3:	
Coach/Trainer:	

Grade/Year Level	
Contestant #1:	
Contestant #2:	
Contestant #3:	
Coach/Trainer:	

Grade/Year Level	
Contestant #1:	
Contestant #2:	
Contestant #3:	
Coach/Trainer:	

Grade/Year Level	
Contestant #1:	
Contestant #2:	
Contestant #3:	
Coach/Trainer:	

Grade/Year Level	
Contestant #1:	
Contestant #2:	
Contestant #3:	
Coach/Trainer:	

Grade/Year Level	
Contestant #1:	
Contestant #2:	
Contestant #3:	
Coach/Trainer:	

I hereby certify that the above contestants are bonafide students of our school.

Date _____

Principal/Registrar
(Signature over printed name)

IMPORTANT:

- Submit this registration form to the **Division Math Supervisor** where your school is located, **from December 1 to 5, 2008.**
- Competition venues will be determined by the DepEd Division Math Supervisors. Please inquire from them before the Elimination Round, which is scheduled on **January 8, 2009** (Elementary) and **January 9, 2009** (Secondary).
- This form may be photocopied as needed.

FOR MORE DETAILS:

Write or call Sr. Iluminada C. Coronel, F.M.M., President, Mathematics Teachers Association of the Philippines (MTAP), at the Stella Maris College, Cambridge St., Cubao, Quezon City with telefax no. (02) 912-5249; 709-0447 or e-mail at iccoronel_mtaphil@yahoo.com / idlabitad@metrobank.com.ph or call your DepEd Math Supervisor.



2009 Metrobank-MTAP-DepEd MATH CHALLENGE

**ELIMINATION ROUND
SUMMARY OF
PARTICIPANTS**
(MMC Form 2)

Enclosure No. 3 to DepED Memorandum No. 526, s. 2008

DepEd Division: _____ Region: _____

Division Math Supervisor: _____ Tel./Cellphone No.: _____

Note: For our guidance in sending the test materials please indicate the Metrobank Branch nearest your division (write NA if not applicable): _____

Metrobank Branch Mailing Address: _____

INSTRUCTIONS: (To be filled out by the DepEd Division Math Supervisors). Please specify under the "Elimination Centers" column the venues of the competition, while under the Grades/Year Level column please indicate the summary or the total number of contestants per grade/year level per center who will participate in the Elimination Round. Please note that there may be one center per district or cluster of districts.

ELIMINATION CENTERS	GRADE /YEAR LEVELS (e.g. Grades 1 to 6; 1 st year to 4 th years)											
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
18.												
19.												
20.												

Signed: _____
Division Math Supervisor
(Signature over printed name)