DIVISION MEMORANDUM
No. 014, s. 2019

January 14, 2019

2019 DIVISION FINALS METROBANK-MTAP-DEPED MATH CHALLENGE

TO: OIC, Assistant Schools Division Superintendent
Chief Education Supervisors, CID and SGOD
Elementary and Secondary School Principals
Officers-in-Charge
Public and Private Schools

1. The Metrobank Foundation Inc. (MBFI), Mathematics Teachers Association of the Philippines (MTAP), and DepEd SDO – Marikina City will hold the 2019 District and Division Finals Metrobank-MTAP-DepEd Math Challenge on January 17-18, 2019 at District 1 – Sto. Niño Elementary School, District 2 – H. Bautista Elementary School and for Division level at Marikina High School.

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 learners in both public and private schools in the region;
   b. encourage learners to strive for excellence in Mathematics;
   c. discover mathematical talents among the learners;
   d. develop the values of hard work, perseverance, honesty, teamwork, and sportsmanship;
   and
   e. provide learners with opportunities in leadership and cooperative undertaking.

3. The host District shall be in-charge of the preparation of the venue of the contest proper including the registration, contest officials, and the materials that will be used in the contest, such as score sheet (hard and soft copy), score board, computers, LCD/DLP, screen, (stop) watch, and scratch paper of the contestants.

4. The competition is open to Grades 1 and 6 pupils and Grades 7 and 10 students for written category. Qualifiers may participate/compete in the cluster or even sectoral or regional level.

5. Participants to this activity are Department heads and Coordinators in Mathematics and Principals of participating schools and competing pupils/students both in private and public schools in the Division.

6. No registration fee shall be collected or charged to the participants.

7. Expenses for foods of the Technical Committee, certificates, travelling and other allowable expenses incurred shall be charged against the school canteen fund (prorated) subject to the usual accounting and auditing procedure.

8. Teachers such as, officiating officials, coaches/trainers who will participate in this activity shall make necessary arrangements to ensure the non-interruption of classes during their attendance to this activity.

Maka-Diyos, Makatang, Makaalitkasan at Makahalinta
9. Enclosed are the guidelines and the assignment of the Department heads/Coordinators in Mathematics.

10. To all participating schools both public and private DepEd in SDO- Marikina City please contact the following persons In-charge of the venue and program:

   Mrs. Lourdes Ochoa - District 1, Sto. Niño Elementary School
   Mrs Jocelyn Talacan - District 2, H. Bautista Elementary School
   Mrs. Edith Bernal – In-charge of Secondary level, Marikina High School

11. Attached herewith are the guidelines of MMC and assignment of the Department heads and coordinators of Mathematics.

12. Immediate and wide dissemination of this Memorandum is desired.

JOEL T. TORRECAMPO
Officer-in-Charge
Office of the Schools Division Superintendent
<table>
<thead>
<tr>
<th></th>
<th>Chairperson</th>
<th>Member</th>
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<tbody>
<tr>
<td><strong>Chairperson</strong></td>
<td>Ms. Mila M. Casilao</td>
<td>OIC- Office of the Principal, SNES</td>
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<tr>
<td><strong>Member</strong></td>
<td>Ms. Lourdes V. Ochoa</td>
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**WORKING COMMITTEE**

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<tr>
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<th>Chairperson</th>
<th>Member</th>
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<tr>
<td><strong>Registration</strong></td>
<td>Ms. Raquel A. Dasalla</td>
<td>Ms. Maribel T. Alcantara</td>
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<td><strong>Program and Invitation</strong></td>
<td>Ms. Ana Liza M. Paz</td>
<td>Ms. Lourdes V. Ochoa</td>
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<tr>
<td><strong>Certificates</strong></td>
<td>Ms. Flordeliza A. Magallanes</td>
<td>Ms. Evelyn C. Natividad</td>
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<tr>
<td><strong>Accommodation</strong></td>
<td>Ms. Remedios A. Domingo</td>
<td>Ms. Shiela Mary B. Ibarreta</td>
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<tr>
<td><strong>Documentation</strong></td>
<td>Ms. Mia R. Esperanza</td>
<td>Ms. Teresita R. De Guzman</td>
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<td><strong>Medals</strong></td>
<td>Mr. Edralin DL. De Castro</td>
<td>Ms. Ma. Ines E. Macawile</td>
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Divison of Marikina City  
METROBANK-MTAP-DEPED  
MATH CHALLENGE 2019  

DISTRICT 2 January 17, 2019 7:00am -11:00am  
Venue: H. Bautista Elementary School

<table>
<thead>
<tr>
<th>Grade</th>
<th>Examiner</th>
<th>Proctors</th>
<th>Checkers</th>
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<tbody>
<tr>
<td>I</td>
<td>Ms. Juliana T. Saguing</td>
<td>Ms. Juliet R. Bautista - NES</td>
<td>FES – Grade 2 (Coach)</td>
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<tr>
<td></td>
<td>SMES</td>
<td>Ms. Dolores B. Bracamonte - PES</td>
<td>KMES – Grade 2 (Coach)</td>
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<tr>
<td>II</td>
<td>Ms. Romina C. Vellasco</td>
<td>Ms. Joana Marie Nario – CIS</td>
<td>PES – Grade 1 (Coach)</td>
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<tr>
<td></td>
<td>SSSVES</td>
<td>Ms. Mercedes M. Catidas - PES</td>
<td>CIS - Grade 1 (Coach)</td>
</tr>
<tr>
<td>III</td>
<td>Ms. Mary Cris P. Chaves</td>
<td>Mr. Robert Gamier – CES</td>
<td>CES – Grade 4 (Coach)</td>
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<tr>
<td></td>
<td>KMES</td>
<td>Ms. Corazon Agustin - FES</td>
<td>HBES - Grade 4 (Coach)</td>
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<tr>
<td>IV</td>
<td>Ms. Vilma Dizon FES</td>
<td>Ms. Eva Angeles – CIS</td>
<td>SSSVES - Grade 3 (Coach)</td>
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<tr>
<td></td>
<td></td>
<td>Mr. Joselito Ancheta - NES</td>
<td>SMES – Grade 3 (Coach)</td>
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<tr>
<td>V</td>
<td>Ms. Norma R. Candido</td>
<td>Ms. Jemelee Luceñada – FES</td>
<td>NES – Grade 6 (Coach)</td>
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<tr>
<td></td>
<td>NES</td>
<td>Ms. Agnes B. Romero - SMES</td>
<td>CIS – Grade 6 (Coach)</td>
</tr>
<tr>
<td>VI</td>
<td>Ms. Mylene Saavedra</td>
<td>Ms. Dina Yanson – HBES</td>
<td>PES – Grade 5 (Coach)</td>
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<td></td>
<td>CIS</td>
<td>Ms. Mierfe Calembo - SSSVES</td>
<td>FES- Grade 5 (Coach)</td>
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<tr>
<td>School</td>
<td>Name of HT/Coordinator</td>
<td>Assignment</td>
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<tr>
<td>Marikina High School</td>
<td>Ms. Editha B. Cjilig</td>
<td>Host, Registration &amp; Accommodation</td>
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<tr>
<td>Marikina Science High School</td>
<td>Ms. Annalyn C. Santos</td>
<td>Documentation &amp; Narrative Report</td>
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<tr>
<td>Barangka National High School</td>
<td>Ms. Shirley D. Villagarcia</td>
<td>Examiners, Proctors, Checkers of Category B</td>
<td></td>
</tr>
<tr>
<td>Concepcion Integrated School</td>
<td>Ms. Lorna M. Elemento</td>
<td>Certificates</td>
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<tr>
<td>Jesus Dela Peña National High School</td>
<td>Ms. Bielynda C. Daelo</td>
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<tr>
<td>Fortune High School</td>
<td>Mr. Tiburcio A. Aplacador Jr.</td>
<td>Examiners, Proctors Checkers of Grade 7</td>
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<tr>
<td>Kalumpang National High School</td>
<td>Ms. Dona Aquino</td>
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<tr>
<td>Malanday National High School</td>
<td>Mr. Wilfredo M. Junio (OIC)</td>
<td>Examiners, Proctors Checkers of Grade 8</td>
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<tr>
<td>Marikina Heights High School</td>
<td>Ms. Rosalia C. Patricio</td>
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<tr>
<td>Nangka High School</td>
<td>Mr. Ruben Rivera (OIC)</td>
<td>Examiners, Proctors Checkers of Grade 9</td>
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<tr>
<td>Parang High School</td>
<td>Ms. Rosemarie Ortega</td>
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<tr>
<td>San Roque National High School</td>
<td>Ms. Christie Rose3 Reyes</td>
<td>Awarding Program</td>
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<tr>
<td>Sta. Elena High School</td>
<td>Ms. Olive R. Limbao</td>
<td>Food</td>
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<tr>
<td>Sto. Niño National High School</td>
<td>Mr. Alden Madregalejo</td>
<td>Examiners, Proctors Checkers of Grade 10</td>
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<tr>
<td>Tañong High School</td>
<td>Ms. Marites M. Bendoy</td>
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ABOUT THE COMPETITION

I. NATURE
The Metrobank-MTAP-DepEd Math Challenge is an annual Mathematics competition for elementary and junior high school students in both public and private schools nationwide. Now on its 18th year, the Math Challenge is being implemented by the Metrobank Foundation, Inc. (MBFI), the Mathematics Teachers Association of the Philippines (MTAP) and the Department of Education (DepEd).

II. OBJECTIVES
The overall objective of the Metrobank-MTAP-DepEd Math Challenge 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 secondary students in both public and private schools all over the country;
B. Encourage students to strive for excellence in Mathematics;
C. Discover mathematical talents among the students;
D. Develop the values of hard work, perseverance, honesty, teamwork and sportsmanship; and

III. COVERAGE
The coverage of the competition shall be strictly the current and approved DepEd K to 12 Education Curriculum for Elementary and Junior High School, per grade level. For schools with enhanced or modified curriculum, an approved equivalent DepEd certification will be required for submission.

QUALIFICATIONS

A. Eliminations: All bonafide students enrolled in Grades 1 to 10 ONLY, in any public and private school in 17 regions including those from State, Universities and Colleges (SUCs), as certified by the principal or registrar of the school.

Note: Contestants must be actually enrolled in the grade level they are competing. In NO instance shall mixed grade level participation in team competition be allowed. Only three (3) students per grade level shall represent each school, for both public and private.

B. Division Finals: The top six (min.) to 20 (max.) highest scoring schools in the elimination round per grade level, Grades 1 to 6 (for Elementary) and Grades 7 to 10 (for Junior High School) may qualify.

Note: The number of qualified division finalists depends on the total number of schools that will participate in the elimination round. Please refer to the Contest Mechanics (MMC Document No. 3) for details.

HOW TO JOIN
- ALL public and private schools must register online via the MMC Form No. 1 web address http://metrobankmathchalle
  nge.com or before November 17, 2018.
- Instructions are in MMC Document No. 4.
  - Print and submit the online MMC Form No. 1 (email confirmation) to the DepEd Division Math Supervisors where your school is located on or before November 17, 2018.
  - The concerned DepEd Division Math Supervisors shall accomplish and submit the summary of participants (MMC Form No. 2) via the MMC online portal. Instructions will be provided to all DepEd Divisions (MMC Document No. 5).
  - The MMC Document No.5 and Math Supervisor access on MMC Online Portal will be available on November 19, 2018.
  - The accomplished MMC Form No. 2 must be encoded and submitted on or before November 26, 2018.
  - You may call Jashly Rayocan, Technical Assistant at CP No. (0917) 314-7616 for any difficulties in logging into your MMC account or if you have any questions related to the MMC online portal.

MMC Documents Guide
MMC Document No. 1 – Primer
MMC Document No. 2 – Operating Guidelines
MMC Document No. 3 – Contest Mechanics
MMC Document No. 4 – Instructions on the Online Registration MMC Form No. 1
MMC Document No. 5 – Instructions on the MMC Online Portal for Math Supervisors
You may download the documents at the Metrobank Foundation website at www.mbfoundation.org.ph or through the official Facebook Page of MMC at www.fb.com/MetrobankMathChallenge.
C. Regional Finals:
- **Individual Competition:** All top placers in each division during the elimination round, for both Grades 6 and 10, provided they meet the hurdle rate of 25 points out of a perfect score of 50.
- **Team Competition:** All the 1st placers during the Division Finals, for both Grades 6 and 10, provided they meet the hurdle rate of 30 points out of a perfect score of 60.

D. National Finals (for both Individual and Team Category)
- **For both Elementary and Secondary Levels:**
  i. Top scorer for both Categories A & B in NCR
  ii. Top scorer in each geographical area (Rest of Luzon, Visayas, and Mindanao)
  iii. Remaining five (5) top scorers across all regions
- **Individual and Team contestants should meet the hurdle rate of 45 points out of a perfect score of 60.**

### PRIZES AND REWARDS

**A. Elimination Stage (Grades 1 to 6; Grades 7 to Grade 10)**

The following top-ranking students shall be given certificates of merit:
- **1st Honors:** for those who get 90% correct answers
- **2nd Honors:** for those who get 80% correct answers
- **3rd Honors:** for those who get 70% correct answers

**B. Division Finals (Grades 1 to 6; Grades 7 to Grade 10)**

- Medals and certificates for each member of the top 3 winning teams per grade/year level
- Certificates of recognition for the schools of the top 3 winning teams per grade/year level
- Certificates of appreciation for all coaches/trainors
- Certificates of merit for non-winning contestants

**C. Regional Finals (Grade 6 and Grade 10)**

- Medals and cash prizes for the top 3 individual winners and members of the top 3 winning teams per level:
  - **Grade 6**
    - 1st Place – P4,000.00
    - 2nd Place – P3,000.00
    - 3rd Place – P2,000.00
  - **Grade 10**
    - 1st Place – P6,000.00
    - 2nd Place – P5,000.00
    - 3rd Place – P4,000.00

A portion of the cash prize will be used to open a Metrobank savings account for kids called, Fun Savers Club.

- Certificates of recognition for the top 3 individual winners and members of the top 3 winning teams per grade/year level;
- Trophies for the schools of the top 3 winning teams per level
- Certificates of recognition for all coaches
- Cash allowance of P750.00 for coaches
- Certificates of merit for non-winning Regional Finalists

**D. National Finals (Grade 6 and Grade 10)**

- Medals and cash prizes for the top 3 individual winners and the members of the top 3 winning teams per level:
  - **Grade 6**
    - 1st Place – P25,000.00
    - 2nd Place – P20,000.00
    - 3rd Place – P15,000.00
  - **Grade 10**
    - 1st Place – P50,000.00
    - 2nd Place – P40,000.00
    - 3rd Place – P30,000.00

A portion of the cash prize will automatically be deposited to their Fun Savers Club savings account.

- Trophies for the schools of the top 3 winning teams per level
- Certificates of recognition for all coaches
- Cash allowance of P1,500.00 for coaches
- Certificates of recognition for National Finalists

### STAGES OF THE COMPETITION

**A. INDIVIDUAL COMPETITION**

- Elimination Rounds: Grades 1 to 10 (Written Exam)
- Regional Finals: Grade 6 and Grade 10 (Written Exam)
- National Finals: Grade 6 and Grade 10 (Written and Oral Exam)

**B. TEAM COMPETITION**

- Elimination Rounds: Grades 1 to 10 (Written Exam)
- Division Finals: Grades 1 to 10 (Oral Exam)
- Regional Finals: Grade 6 and Grade 10 (Oral Exam)
- National Finals: Grade 6 and Grade 10 (Oral Exam)

Note: For NCR, Sectoral Finals are held before the Regional Finals.
COMPETITION IMPLEMENTORS

A National Steering Committee composed of officers / representatives from MBFI, MTAP and DepEd, shall oversee the implementation and formulate the guidelines, policies and mechanics of the competition.

The MBFI shall serve as major sponsor and implementor and thus, shall be involved in all aspects and phases of the competition including supervision of the National Finals and Awarding Ceremonies.

The MTAP shall oversee the conduct of the Regional Finals in coordination with DepEd and the National Finals in coordination with MBFI. MTAP will also be responsible for settling all questions, including protests, which may arise in the course of the competition at the Regional Level.

The DepEd shall supervise the competition from the Elimination Rounds to the Regional Finals and shoulder expenses incidental thereto from sources to be determined by participating parties. DepEd will also be responsible for settling all questions, including protests, which may arise in the course of the competition from the Elimination to the Division Level.

November 17, 2018
Deadline for Submission of MMC Form No. 1
(All Public and Private Schools must register online via http://metrobankmathchallenge.com)

January 17 and 18, 2019
Elimination Round for Grades 1-6 (January 17) and Grades 7-10 (January 18)

March 1, 2019
Regional Finals

FOR MORE DETAILS
+632 912 5249
+632 709 0447
+632 857 0618
iccoronei_mtaphil@yahoo.com
secretariat.mathchallenge@gmail.com
/MetrobankMathChallenge

November 26, 2018
Deadline for Online Submission of MMC Form No. 2

(Dept Division Math Supervisors to approve MMC Form No. 1 online applications and assign testing centers for the participating schools via MMC Online Portal
(http://onlineportal.metrobankmathchallenge.com)

February 7 and 8, 2019
Division Team Finals for Grades 1-6 (February 7) and Grades 7-10 (February 8)

March 29, 2019
National Individual Finals (Written Exam) and Opening Program of the National Finals

March 30, 2019
National Finals (Individual and Team Orals) and Awarding Ceremonies
Venue is Metrobank Plaza Auditorium, Makati City
I. ELIMINATION ROUNDS

1. **ALL public and private schools** must register online via the online MMC Form No. 1: [http://metrobankmathchallenge.com](http://metrobankmathchallenge.com) on or before **November 17, 2018**.

2. The contestants from each participating school shall take the elimination round in a testing center designated by the Division. The elimination round is a written test.

3. Contestants in a testing room must be of the same grade level. Students from the same school must not sit beside each other nor one behind the other.

4. Contestants are NOT allowed to bring cellphone, ipad, ipod, camera, calculator, laptop computer, and other gadgets inside the testing room.

5. The proctor shall distribute first the scratch papers where the contestants shall solve the problems. Contestants should write their names in all the scratch papers.

6. Before distributing the test papers, the proctor should tell the contestants that they should write **only** their name and school on the test paper. No one should begin answering the questions unless the proctor gives the signal to do so.

7. The proctor tells the contestants that **only the final answers** must be written on the test paper. All solutions shall be placed on the scratch papers which should also be turned over to the proctors together with the test paper.

8. The proctor informs the contestants of the time limit for the test. He gives the signal for the contestants to begin. Then, he writes on the board "Time Started: ____" and "Time Ends: ____"

   **Duration of the test:**

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Time Allotment</th>
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<tbody>
<tr>
<td>Grades 1 and 2</td>
<td>60 minutes</td>
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<td>Grades 3 and 4</td>
<td>80 minutes</td>
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<td>Grades 5 and 6</td>
<td>100 minutes</td>
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<tr>
<td>Grade 7 to 10</td>
<td>2 hours</td>
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9. Proctor gives 15 minutes and 5 minutes warning before the time is up. All test and scratch papers should be collected when the time is up.

10. The proctor shall give all papers (answered test papers, scratch papers, extra copies of questions) to the person in-charge of assigning the checkers.

11. If any student submits the paper before the time, the proctor shall accept it and ask the student to leave the classroom. The proctor shall collect ALL papers when the time is up and will not allow any extension.
12. The papers shall be corrected using the answer keys provided. Answer keys shall only be opened just before correction begins. Each correct answer merits one point.

13. 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 I 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.

II. DIVISION FINALS

14. The Division Finals is an oral team competition.

15. Each team will be provided with slips of paper for the answer to each question. Before the first question, they will write their team identification on each slip.

16. There shall be 20 questions: 10 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 60 points.

   a. The 15-second questions are to be answered mentally. There will be no writing anywhere, neither on paper, the table, etc. The team of two will work together as one to discuss their answer to the question. They may start discussing their solution after the first reading of each question.

   b. For the 30-second questions, scratch paper will be provided for each team-contestant. Contestants may begin solving as soon as they wish.

   c. For 1-minute questions, a copy of the questions will be provided for each team. Scratch papers will be provided.

   d. NO additional questions should be asked over the 20 official questions provided for this stage of the competition.

17. The quizmaster will read each question twice, after which he/she gives the GO signal. The timer starts when the quizmaster gives the GO signal. The questions shall be read exactly as it is formulated. Rephrasing of the questions is not allowed.

18. Each answer will be written on the official answer slips provided. As soon as the buzzer rings, everybody must stop writing.
19. 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.

20. One of the judges will announce the teams with the correct answer. The scorers record the points obtained by each team for each correct answer.

21. 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.

22. The teams will be ranked according to their total score in the three parts to determine the winners.

23. In case of a tie among any of the teams vying for the first three places, a set of 3 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

24. Only the official contestants may raise a complaint or clarification.

25. Complaints 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.

26. The following are responsible for settling all questions, including protest, which may arise in the course of the competition:

- **Elimination Round to the Division Finals** - Department of Education (DepEd)
- **Regional Finals** - Mathematics Teachers Association of the Philippines, Inc. (MTAP)
- **National Finals** - Metrobank Foundation, Inc. (MBFI)

SUGGESTED PHYSICAL ARRANGEMENT:

![Diagram of seating arrangement]

27. Each team of 2 will be seated in such a way that they can discuss their answers. They must be facing the judges.

MANPOWER REQUIREMENT:

28. Each venue requires the following support staff: 3 Judges, 1 Quizmaster, 2 Scorers (1 on the board/project on screen and 1 manual scoring using the score sheet), 1 timer, 1 proctor for every 4 to 5 teams.
BOARD OF JUDGES:

29. There will be a panel of three judges composed of persons competent in the field of Mathematics.

30. Before the competition officially starts, the board of judges shall review and resolve issues and problems regarding the test questions and their respective answers.

31. The board of judges is responsible in settling the complaints and address clarifications on a given question or issue during the competition. All decisions of the board of judges shall be final.

CHANGES ON RULES AND REGULATIONS

32. Only the National Steering Committee reserves the right to make any modifications on the rules and regulations of the Competition.

III. REGIONAL FINALS

A. INDIVIDUAL COMPETITION: (Grade 6 and Grade 10 only)

33. The Regional Finals for the Individual Competition is a written exam.

34. The test consists 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

35. For this competition, the contestants must use their code numbers given to them at the registration.

36. The Grade 6 contestants will be given 1.5 hours to answer the test; the Grade 10 contestants, 2 hours.

37. Partial credit will be given to answers in Parts II and III.

38. 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.

B. TEAM COMPETITION: (Grade 6 and Grade 10 only)

39. The mechanics of the Regional Finals Team Competition is the same as that of the Division Finals.

IV. NATIONAL FINALS

A. INDIVIDUAL COMPETITION: (Grade 6 and Grade 10 only)

40. The individual contestants will undergo both written and oral competitions. The individual written competition will be administered a day before the oral competition.
41. The final score of each individual contestant will be 60% of the written score + 40% of the oral score. This will be announced after the oral competition.

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

B. TEAM COMPETITION: (Grade 6 and Grade 10 only)

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

44. The top three teams will be declared winners. In case of a tie among any of the teams vying for the first three places, a set of 3 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.
1. It is recommended that schools conduct their own mini-competition using a written exam by grade level to determine the best candidates who will join the MMC elimination rounds.

2. The top three students per grade level who will obtain the highest scores will represent the school in the Elimination Round. 
Note: The elimination round is open to ALL interested schools, both private and public. It is suggested that school districts should not conduct their own elimination to choose contestants for the whole district. This is to give each school equal chances of joining.

3. There shall be a maximum of (18) pupils for Elementary and/or (12) students for Junior High School in every participating school, broken down as follows.

<table>
<thead>
<tr>
<th>Example:</th>
<th>School A (Grades 1-6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade</td>
<td>1</td>
</tr>
<tr>
<td>Number of Pupils</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Example:</th>
<th>School A (Grades 7-10)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade/Level</td>
<td>7</td>
</tr>
<tr>
<td>Number of Pupils</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>12</td>
</tr>
</tbody>
</table>

4. **ALL public and private schools** must accomplish an online registration (MMC Form No. 1) via the MMC portal: [http://metrobankmathchallenge.com](http://metrobankmathchallenge.com). They must then print and submit the online MMC Form No. 1 (email confirmation) to the DepEd Division Math Supervisors where their school is located on or before **November 17, 2018**.

5. The School contestants and their respective coaches must present the **printed copy of online MMC form No. 1 (email confirmation)** to the registration in-charge together with their identification cards during the Elimination Round on **January 17, 2019** (Elementary) or **January 18, 2019** (Junior High School). This serves as permit in joining the competition. "**No permit. No Entry**" policy shall be implemented.

6. The DepEd Division Math Supervisors shall then review and approve the MMC Form No. 1 submissions and assign the testing centers of the participating schools (**MMC Form No. 2**) **ONLINE** through the **MMC online portal** using this web address [http://onlineportal.metrobankmathchallenge.com](http://onlineportal.metrobankmathchallenge.com) on or before **November 26, 2018**. Instructions are in **MMC Document No. 5**. Failure to submit may be a ground for disqualification of the Division in conducting the elimination round, which is scheduled on **January 17-18, 2019**.

7. DepEd Division Math Supervisors’ access on the MMC online portal and **MMC Document No. 5** will be available on **November 15, 2018**.
II. ELIMINATION ROUNDS

8. 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, or a panel of advisers may be formed by the Schools Division Superintendent.

9. The test materials shall be prepared by the MMC secretariat and transmitted through the pre-assigned Metrobank branch for each Division. The pre-assignment and matching will be done by Metrobank Foundation.

10. In case there is no Metrobank branch in the area, the test materials shall be delivered directly to the DepEd Division Office/s addressed to the Schools Division Superintendent.

11. The concerned Branch Manager or Schools Division Superintendent shall turn over the questionnaires personally to the Division Math Supervisor on January 17, 2019 for Grades 1-6 and January 18, 2019 for Grades 7-10.

12. The Division Math Supervisor shall then turn over the questionnaires to the Testing Center Coordinators on the same dates. A certification on top of the package which contains the questionnaires will be signed by the Metrobank Branch Manager, Schools Division Superintendent, the Division Math Supervisor, and the Testing Center Coordinator to document the said turnover of test questionnaires.

13. A Division may have one or more testing centers depending on the distance 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 category. For the Junior High School category, 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 students/grade level or a total of 360 pupils from Grades 1 to 6 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.

14. The test materials will be opened publicly by the Testing Center Coordinator just before the start of the competition at 8:00 a.m. A short opening program may be conducted where the materials will be officially opened. A certification will be signed by the Testing Center Coordinator and selected proctors to document the proceedings.

15. In case the number of questionnaires sent is not enough, photocopying is **NOT ALLOWED**. Only pre-registered participants shall be allowed to take the test. Thus participating schools must ensure that they successfully accomplished and submitted their online registration MMC Form No. 1 via the MMC Online Portal & to their local DepEd Divisions and that the data encoded online (MMC Form No. 2) were submitted on time and accurate.

16. The Elimination Round should be held simultaneously in all regions nationwide on January 17-18, 2019 at 8:30 a.m. As agreed upon by the MMC National Steering Committee, conduct of the contest other than this schedule is not allowed.
17. The test papers will be corrected using the answer key provided. Please refer to the Guidelines in Checking the Test Papers.

18. The winners of the elimination round should be announced as soon as test papers are corrected and within the date of the competition. 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 the results not later than January 21, 2019.

19. Announcement of results of the elimination round should be formalized through the issuance and dissemination of a DepEd Division memorandum circular.

20. Concerned Division Math supervisors are also required to post the results of the elimination round ONLINE via the MMC portal.

21. The school scores of the whole Division per grade shall be ranked from highest to lowest. Please refer to the MNC Document No. 3 (Contest Mechanics) Item no. 13 for the guide in computing the total scores for participating schools.

22. The top 6 to 20 highest scoring schools qualify to participate in the Division Team Finals competition. 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:

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

*Note: 20 is the maximum number of teams because based on experience, it is the most manageable number for an oral team competition.*

23. The DepEd Division Math Supervisors shall then submit the summary of the number of teams which are qualified to join the Division Finals (MMC Form No. 3) ONLINE through the MMC online portal on or before January 21, 2019. Delay in the submission will cause delay in the sending of the test materials.

24. Certificates of Merit shall be awarded to students from Grades 1 to 10 who qualify under the following conditions based on their performance in the Elimination Rounds:

<table>
<thead>
<tr>
<th>Rank</th>
<th>Grade 1 and 2</th>
<th>Grade 3 and 4</th>
<th>Grade 5 to 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Honors</td>
<td>For those who get 27 or more correct answers</td>
<td>For those who get 36 or more correct answers</td>
<td>For those who get 45 or more correct answers</td>
</tr>
<tr>
<td>2nd Honors</td>
<td>For those who get 24 to 26 correct answers</td>
<td>For those who get 32 to 35 correct answers</td>
<td>For those who get 40 to 44 correct answers</td>
</tr>
<tr>
<td>3rd Honors</td>
<td>For those who get 21 to 23 correct answers</td>
<td>For those who get 28 to 31 correct answers</td>
<td>For those who get 35 to 39 correct answers</td>
</tr>
</tbody>
</table>
25. The top Grade 6 and Grade 10 individuals of each Division in the elimination rounds automatically qualify to the Regional Finals provided they meet the hurdle rate of 25 out of a perfect score of 50 or 50%.

III. DIVISION FINALS

26. 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, that may arise in the course of the competition, or a panel of advisers may be formed by the Division Schools Superintendent.**

27. The test materials shall be prepared by the MMC Secretariat and transmitted through the same Metrobank branch in the Division/area which coordinated the elimination rounds.

28. In case there is no Metrobank branch in the area, the test materials shall be delivered to the Division Office/s addressed to the Schools Division Superintendent.

29. The concerned Branch Manager or Schools Division Superintendent shall turn over the questionnaires personally to the DepEd Division Math Supervisor **on the day of the Division Finals, i.e., February 7, 2019 (Grades 1 to 6) and February 8, 2019 (Grades 7 to 10).**

30. An Opening Program for the Division Finals should be made at **8:00 am** where the package containing the test questionnaires shall be **opened publicly and witnessed by the Branch Manager or Schools Division Superintendent.** This must be documented using digital or cellphone camera, as proof.

31. The Team Orals should be conducted in three different venues (Grades 1-2 in one venue, and Grade 2-3 in another venue, and Grade 5-6 in another venue). The competition should be held simultaneously, preferably on the stage, inside the gym or any function room that can accommodate the participants and audience for the competition.

32. The following schedule of competition should be followed:

<table>
<thead>
<tr>
<th>Venue A</th>
<th>Venue B</th>
<th>Venue C</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 1</td>
<td>Grade 3</td>
<td>Grade 5</td>
<td>8:30 am</td>
</tr>
<tr>
<td>Grade 2</td>
<td>Grade 4</td>
<td>Grade 6</td>
<td>10:00 am</td>
</tr>
</tbody>
</table>

**High School (February 8, 2019)**

<table>
<thead>
<tr>
<th>Venue A</th>
<th>Venue B</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 7</td>
<td>Grade 9</td>
<td>8:30 am</td>
</tr>
<tr>
<td>Grade 8</td>
<td>Grade 10</td>
<td>10:00 am</td>
</tr>
</tbody>
</table>

33. Concerned Division Math supervisors are also required to **post the result of the Division Finals ONLINE via the MMC portal.**

34. The results of the Division Finals should 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 the DepEd Regional Math Supervisor for reference in preparing for the Regional Finals.

35. **Medals and certificates** will be awarded to the members of the **top 3 winning teams** per grade level regardless of their scores.

36. First place winners in the Grade 6 and Grade 10 in the Division Finals are qualified to compete in the Regional Finals provided they meet the hurdle rate of **30 points out of a perfect score of 60**.

37. All concerned DepEd Division Offices shall issue a certification that indicates the teams that will officially compete in the Regional Finals. Attached to the certificate is the actual score sheet duly signed by the Judges of the Division Finals.

38. 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.

39. The Division Math Supervisor shall submit a completion report on the conduct of the Elimination and Division Finals on or before **February 25, 2019**. Only an electronic copy of the report should be submitted through email at secertariat.mathchallenge@gmail.com, with the following content:

<table>
<thead>
<tr>
<th>Elimination Rounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Executive Summary (Narrative Report)</td>
</tr>
<tr>
<td>2. Registration of the Contestants</td>
</tr>
<tr>
<td>3. Copy of the Opening Program</td>
</tr>
<tr>
<td>4. Certifications (Opening and Turnover of the Test Materials)</td>
</tr>
<tr>
<td>5. Division Memorandum on the Results of the Elimination Rounds</td>
</tr>
<tr>
<td>6. 5 best photos (action shots)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Division Finals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Executive Summary (Narrative Report)</td>
</tr>
<tr>
<td>2. Registration of the Contestants</td>
</tr>
<tr>
<td>3. Copy of the Opening Program</td>
</tr>
<tr>
<td>4. Certifications (Opening and Turnover of the Test Materials)</td>
</tr>
<tr>
<td>5. Division Memorandum on the Results of the Division Finals</td>
</tr>
<tr>
<td>6. List of Judges</td>
</tr>
<tr>
<td>7. Name of Metrobank representative</td>
</tr>
<tr>
<td>8. 5 best photos (action shots)</td>
</tr>
</tbody>
</table>

**Note:** Please do not send the hard copy of the reports.

**IV. REGIONAL FINALS**

40. 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, hosts/quizmasters and the accommodation of the MTAP representative. He/She must also endeavor to provide whatever assistance is needed by the MTAP representative.
41. An **MTAP representative** will assist in facilitating this stage of the contest, both for the individual and team competitions. *He/she will also be responsible for settling all questions, including protests, that may arise in the course of the competition.*

42. The MTAP representative shall bring the questionnaires and awarding materials on the date of the contest. He/she will open the package containing the questionnaires at 8:00 am with the presence of the Schools Division Superintendent.

**A. INDIVIDUAL WRITTEN COMPETITION: (Grade 6 and Grade 10 only)**

43. The competition shall be conducted in a close room. For this competition, the contestants must use their code numbers given to them at the registration.

44. 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.

45. The top three scorers will be awarded with certificates, medals and cash prizes regardless of their scores.

46. Certificates of merit will be given to all non-winning Regional Finalists while certificates of recognition will be given to all trainors/coaches.

**B. TEAM ORAL COMPETITION: (Grade 6 and Grade 10 only)**

47. The conduct of the competition shall be the same with the Division Team Oral Finals.

48. The following schedule shall be followed:

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td>Opening Program</td>
</tr>
<tr>
<td>8:30 am</td>
<td>Individual Written Exam for Grade 6 and Grade 10</td>
</tr>
<tr>
<td>10:00 am</td>
<td>Grade 6 Team Oral Competition</td>
</tr>
<tr>
<td>11:30 am</td>
<td>Grade 10 Team Oral Competition</td>
</tr>
<tr>
<td>1:00 pm</td>
<td>Awarding Ceremonies</td>
</tr>
</tbody>
</table>

49. The **top 3 teams** will be declared winners and will be awarded with certificates, medals and cash prizes regardless of their scores. Trophies will be awarded to the schools of the winning team, regardless of their scores. Certificates of recognition will be given to all coaches and staff members. All non-winning Regional Finalists will be given certificates of merit.

50. 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.

51. The Metrobank Foundation will provide the cash prizes which will be used in opening their Metrobank Fun Savers account, medals and trophies while MTAP, shall provide certificates.
V. NATIONAL FINALS

A. SELECTION OF NATIONAL FINALISTS: (Grade 6 and Grade 10 only)
52. 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.

53. Slots Allocation of National Finalists:
   For both Grade 6 and Grade 10
   ➢ Top scorers for both Categories A & B in NCR
   ➢ Top scorers in each geographical area (Rest of Luzon, Visayas, and Mindanao)
   ➢ Remaining five (5) top scorers across all regions.

54. Top rankers must also meet the “hurdle rate” established by the National Steering Committee, which is 45 points out of a perfect score of 60 points.

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

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

B. INDIVIDUAL COMPETITION: (Grade 6 and Grade 10 only)
57. The individual contestants will undergo both written and oral competitions. The individual written competition will be administered a day before the oral competition.

58. 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.

59. The contestants will be ranked according to the combined scores and the top three will be declared winners. In case of a tie among any of the teams vying for the first three places, a set of 3 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.

C. TEAM COMPETITION: (Grade 6 and Grade 10 only)
60. The team contestants will undergo an oral competition only.

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.