



Republic of the Philippines  
Department of Education  
Region VII, Central Visayas  
DIVISION OF NEGROS ORIENTAL  
Dumaguete City

January 4, 2018

**DIVISION MEMORANDUM**

No. 05 s., 2018

**2018 METROBANK-MTAP-DEPED MATH CHALLENGE**

**TO :** The Chief, Curriculum Implementation Division  
The Chief, Schools Governance and Operations Division  
Education Program Supervisors  
Public Schools District Supervisors/District-In-Charge  
Elementary and Secondary School Heads for both Public and Private Schools  
District Mathematics Coordinators  
All Others Concern

- 
1. Please be informed that the Metrobank-MTAP-DepEd Math Challenge Elimination Round will be done on January 11, 2017 for Elementary Level and January 12, 2017 for High School level.
  2. The activity aims to:
    - a. awaken greater interest in Mathematics among elementary and secondary school learners;
    - b. encourage them to strive for excellence in Mathematics;
    - c. develop the values of hardwork, perseverance, honesty, teamwork and sportsmanship;
    - d. provide them with opportunities in leadership and cooperative undertaking.
  3. District Testing Coordinators are directed to get the questionnaires at the Division Promotional Office on January 10, 2017, c/o **Mrs. Esterlina B. Paragoso, EPS, Mathematics Coordinator, cellphone No. 09272090807.**
  4. Every Central School of the District is a testing center while secondary level testing centers are at the assigned High Schools. Please see attached list.
  5. DepEd personnel participating in to this activity are the PSDS/DICs, School Heads of both elementary and secondary, public and private schools, district math coordinators, coaches, chaperons, contestants and working committee members.
  6. DEPS/EPS/SEPS are requested to monitor the conduct of the said activity.

4 JAN 2018

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7. After the conduct of the 2018 Metrobank-DepEd Math Challenge, the District Elementary/Secondary Math Coordinator shall submit the results to this office on or before January 17, 2018 using the format below:

**MTAP RESULT SCORE FORMAT**

District	School	Name of pupil/student	Score	Total	Rank	Coach

Submitted by:

NOTED:

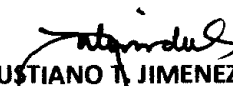
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**District Math Coordinator**

\_\_\_\_\_

**District Supervisor**

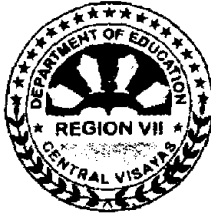
8. For more details, please refer to the Regional Memorandum No. 0978 s. 2017 duly signed by Director Juliet A. Jeruta, and other attachments.
9. This Memorandum serves as **Travel Order**.
10. Travel and other incidental expenses relative to the conduct of the activity shall be charged to School MOOE, MTAP, PTA, LGU funds or any available funds subject to the usual accounting and auditing rules and regulations.
11. For your guidance and compliance.
12. Widest dissemination of this Memorandum is desired.

  
**SALUSTIANO T. JIMENEZ, CESO VI**  
 † OIC-Office of the Asst. Regional Director  
 Concurrent OIC Office of the SDS

## **LIST OF MTAP TESTING CENTERS FOR SECONDARY SCHOOLS**

1. Jose B. Cardenas MHS
2. La Libertad Tech Voc School
3. Jimalalud National High School
4. Demetrio L. Alviola NHS
5. Mabinay National HS
6. San Jose Provincial High School
7. Valencia National HS
8. Negros Oriental High School
9. Ong Chee Tee High School
10. Dauin National High School
11. Zamboanguita Science High School
12. Siaton National High School
13. Casiano Z. Napigkit National High School
14. Sta. Catalina National High School

MA'AM ERLIN



REPUBLIKA NG PILIPINAS  
REPUBLIC OF THE PHILIPPINES  
KAGAWARAN NG EDUKASYON  
DEPARTMENT OF EDUCATION  
**REHIYON VII, GITNANG VISAYAS**  
**REGION VII, CENTRAL VISAYAS**  
Sudlon, Lahug, Cebu City



REGIONAL MEMORANDUM

No. 0978, s. 2017

**2018 METROBANK-MTAP-DEPED MATH CHALLENGE**

To: Schools Division Superintendents

1. For the information and guidance of all concerned, attached is a communication from Mr. Nicanor L. Torres, Jr.-Executive Director of the Metrobank Foundation.
2. For details, please refer to the attached enclosures.
3. A separate Memorandum for the Regional Finals shall be issued.
4. Immediate and wide dissemination of this Memorandum is desired.

  
**JULIET A. JERUTA, Ph.D.**  
Director III  
Officer-In-Charge

JAJ/EBEJ/carj  
CLMD '17

Office of the Director (ORDir), Tel. Nos.: (032) 231-1433, 231-1309; 414-7399; 414-7325; Office of the Assistant Director, Tel. No.: (032) 255-4542  
Field Technical Assistance Division (FTAD), Tel. Nos.: (032) 414-7324 Curriculum Learning Management Division (CLMD), Tel. Nos.: (032) 414-7323  
Quality Assurance Division (QAD), Tel. Nos.: (032) 231-1071 Human Resource Development Division (HRDD), Tel. No.: (032) 255-5239  
Education Support Services Division (ESSD), Tel. No. (032) 254-7062 Planning, Policy and Research Division (PPRD), Tel. Nos.: (032) 233-9030;  
414-7065 Administrative Division, Tel. Nos.: (032) 414-7326; 414-4367; 414-7366; 414-7322; 414-4367  
Finance Division, Tel. Nos.: (032) 256-2375; 253-8051; 414-7321

*"E3A 2015: Karapatan ng Lahat, Pananagutan ng Lahat"*



Metrobank  
Foundation

bkr: Engage. Empower



Department of Education  
Region VII, Central Visayas

November 21, 2017

RD2017-3799

01-Dec-17

**DR. JULIET A. JERUTA (OIC)**  
**Regional Director**

Department of Education  
Regional Office of Region VII  
Sudlon, Lahug, Cebu City

Dear **Director Jeruta:**

*Mabuhay!*

We would like to thank you for your support to the 2017 Metrobank-MTAP-DepEd Math Challenge (MMC). We are glad that your DepEd Region is actively participating in the competition every year and we believe this is because of your endorsement and active support to the program.

Once again, the Metrobank Foundation, Inc. in partnership with the Mathematics Teachers Association of the Philippines (MTAP) and the Department of Education (DepEd) is set to hold the 2018 MMC from January to March 2018. In this connection, we would like to request your assistance in encouraging the participation of all the DepEd Divisions under your jurisdiction in the competition. Deadline of registration for DepEd Divisions is on November 29, 2017. We have already requested the issuance of the DepEd Memo for the 2018 MMC and per update, it is still for release.

For the 2018 MMC, we will be having the Regional Finals on February 26, 2018. Thus, may we request your office to provide us the following details:

- Venue of the Regional Finals
- Name of the Person in-charge of the Regional Finals Competition
- Cellphone Number and Email Address of the Contact Person

Please email us the information at [mark.ravanzo@metrobank.com.ph](mailto:mark.ravanzo@metrobank.com.ph) on or before December 4, 2017.

Through our partnership and shared efforts, we believe that we will surely create an impact towards increasing the level of our students' achievement in Mathematics. For more queries, please contact our Program Officer, Mr. Maco R. Ravanzo at CP no. 0922.804.3055. Thank you so much. We are looking forward to another year of productive partnership between our two institutions.

Very truly yours,

  
**NICANOR L. TORRES, JR.**  
Executive Director

4th Floor, Executive Offices, Metrobank Plaza  
Sen. Gil Puyat Ave., 1200 Makati City, Philippines  
Tel. No: (632) 857-5318 / (632) 896-8855  
Fax No: (632) 818-5656 / (632) 750-0837  
E-mail: [foundation@metrobank.com.ph](mailto:foundation@metrobank.com.ph)  
Website: [www.mbfoundation.org.ph](http://www.mbfoundation.org.ph)

## 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 17<sup>th</sup> 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 principal-in-charge 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.

For NCR, Grades 1 – 5 and 7 to 9 are allowed **four (4)** students per grade level while Grades 6 and 10 are allowed **three (3) students** each school, as practiced in the past years

- 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 Secondary) 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 outside NCR** must accomplish a one-page registration form (*MMC Form No.1*) certified by the principal/registrar, indicating the school's official contestants and coaches/trainers per grade/year level. This is important to determine the number of questionnaires to be produced for the Eliminations.
- Submit a photocopy of the **MMC Form 1** and the school identification cards of the contestants and coaches to the DepEd Division Math Supervisors where your school is located on or before **November 17, 2017**.
- **ALL public and private schools in NCR** must accomplish an **online registration** via the MMC portal: <http://onlineportal.metrobankmathchallenge.com> on or before **November 17, 2017**.
- The concerned DepEd Division Math Supervisors shall then accomplish and submit the summary of participants (*MMC Form No. 2*) via the MMC online portal indicating the testing centers and the number of participants. Instructions will be provided to all DepEd Divisions (*MMC Document No. 5*).
- The accomplished **MMC Form No. 2** must be encoded and submitted on or before **November 24, 2017**.

## WHERE TO GET THE FORMS

Registration forms (MMC Form No.1) are available at the Metrobank Foundation office, all Metrobank Branches, and DepEd Division and Regional offices. You may also **download** at the Metrobank Foundation website at [www.mbfoundation.org.ph](http://www.mbfoundation.org.ph) starting **November 2017** or through the official Facebook page of MMC at [www.fb.com/MetroBankMathChallenge](http://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 scorers 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:

- ❖ 1<sup>st</sup> Honors: for those who get 90% correct answers
- ❖ 2<sup>nd</sup> Honors: for those who get 80% correct answers
- ❖ 3<sup>rd</sup> 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	Grade 10
1 <sup>st</sup> Place – P4,000.00	1 <sup>st</sup> Place – P6,000.00
2 <sup>nd</sup> Place – P3,000.00	2 <sup>nd</sup> Place – P5,000.00
3 <sup>rd</sup> Place – P2,000.00	3 <sup>rd</sup> 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	Grade 10
1 <sup>st</sup> Place – P25,000.00	1 <sup>st</sup> Place – P50,000.00
2 <sup>nd</sup> Place – P20,000.00	2 <sup>nd</sup> Place – P40,000.00
3 <sup>rd</sup> Place – P15,000.00	3 <sup>rd</sup> 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 6; Grades 7  
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 6; Grades 7  
to 10 (Written Exam)

Division Finals:  
Grades 1 to 6; Grades 7  
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, 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**, 2017

Deadline for Submission of MMC Form No. 1  
(Registration Form of Public and Private Schools to  
be submitted to respective DepEd Division Office,  
and online registration for schools in NCR)

January **11 and 12**, 2018

Elimination Round for Elementary Level  
(January 11) and  
Junior High School Level (January 12)

February **26**, 2018

Regional Finals

### FOR MORE DETAILS



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+632 857 0618



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mark.ravano@metrobank.com.ph



/MetrobankMathChallenge

## COMPETITION SCHEDULE

November **24**, 2017

Deadline for Online Submission of MMC Form No. 2  
(DepEd Division Math Supervisors to Submit Summary  
of Total Participating Students per Grade Levels  
via the MMC online portal)

February **1 and 2**, 2018

Division Team Finals for Elementary (February 1)  
and Junior High School Level (February 2)

March **23**, 2018

National Individual Finals  
(Written Exam) and Opening Program  
of the National Finals

March **24**, 2018

National Finals (Individual and Team Orals) and  
Awarding Ceremonies  
Venue is Metrobank Plaza Auditorium, Makati City





**I. SCHOOL LEVEL:**

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.

Example:	School A (Elementary)					
Grade	1	2	3	4	5	6
Number of Pupils	3	3	3	3	3	3
<b>Total</b>	<b>18</b>					

Example:	School A (Junior High School)			
Grade/Level	7	8	9	10
Number of Pupils	3	3	3	3
<b>Total</b>	<b>12</b>			

Note: For NCR, four (4) student contestants will compete for Grades 1 to 5 and Grades 7 to 9, while for Grades 6 and 10 only three (3) students per school will compete.

4. All participating public and private schools outside NCR are required to accomplish a one-page **Registration Form (MMC Form No. 1)**, a photocopy of which should be sent directly to the DepEd Division Math Supervisor in-charge on or before **November 17, 2017**.
5. The School contestants and their respective coaches must present the original copy of MMC Form No. 1 to the registration in-charge together with their identification cards during the Elimination Round on **January 11, 2018** (Elementary) or **January 12, 2018** (Junior High School). This serves as permit in joining the competition. **"No permit, No Entry"** policy shall be implemented.
6. **ALL public and private schools in NCR** must accomplish an online registration via the MMC portal: <http://onlineportal.metrobankmathchallenge.com> on or before **November 17, 2017**.
7. The DepEd Division Math Supervisors shall then collate all MMC Form No. 1 submissions and accomplish the summary of participants (**MMC Form No. 2**) **ONLINE** indicating the testing centers and the total number of students per grade per testing center through an **MMC online portal** on or before **November 24, 2017**. Instructions are in MMC Document No.

4. Failure to submit may be a ground for disqualification of the Division in conducting the elimination round, which is scheduled on **January 11-12, 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 10, 2018** for Elementary and **January 11, 2018** for Junior High School.
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 submitted a photocopy of their MMC Form No. 1 to their local DepEd Divisions and that the date encoded online (**MMC Form No. 2**) are submitted on time and accurate.

16. **The Elimination Round should be held simultaneously in all regions nationwide on January 11-12, 2018 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 15, 2018.**
19. Announcement of results of the elimination round should be formalized through the issuance 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 MMC 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:

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 5	16-20	Top 6
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 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 15, 2018**. Delay in the submission will cause delay in sending the test materials.
24. Certificates of Merit shall be awarded to students from Grades 1 to 10 who qualify under the following conditions in the Elimination Rounds based on their performance:

Rank	Grade 1 and 2	Grade 3 and 4	Grade 5 to 10
1 <sup>st</sup> Honors	For those who get <b>27</b> or more correct answers	For those who get <b>36</b> or more correct answers	For those who get <b>45</b> or more correct answers

2 <sup>nd</sup> Honors	For those who get <b>24 to 26</b> correct answers	For those who get <b>32 to 35</b> correct answers	For those who get <b>40 to 44</b> correct answers
3 <sup>rd</sup> Honors	For those who get <b>21 to 23</b> correct answers	For those who get <b>28 to 31</b> correct answers	For those who get <b>35 to 39</b> correct answers

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 FINAL

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/quizzes. **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 1, 2018** (Elementary) and **February 2, 2018** (Junior High School).

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:

<i>Elementary (February 1, 2018)</i>			
Venue A	Venue B	Venue C	Time
Grade 1	Grade 3	Grade 5	8:30 am
Grade 2	Grade 4	Grade 6	10:00 am
<i>High School (February 2, 2018)</i>			
Venue A	Venue B	Time	
Grade 7	Grade 9	8:30 am	
Grade 8	Grade 10	10:00 am	

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 preparation for the Regional Finals.
35. **Medals and certificates** will be awarded to the members of the top 3 winning teams per grade/year 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 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 26, 2018.** Only an electronic copy of the report should be submitted through email at [maco.mbf@gmail.com](mailto:maco.mbf@gmail.com), with the following content:

Elimination Rounds	
1.	Executive Summary (Narrative Report)
2.	Registration of the Contestants
3.	Copy of the Opening Program
4.	Certifications (Opening and Turnover of the Test Materials)
5.	Division Memorandum on the Results of the Elimination Rounds
6.	5 best photos (action shots)
Division Finals	
1.	Executive Summary (Narrative Report)
2.	Registration of the Contestants
3.	Copy of the Opening Program
4.	Certifications (Opening and Turnover of the Test Materials)
5.	Division Memorandum on the Results of the Division Finals
6.	List of Judges
7.	Name of Metrobank representative
8.	5 best photos (action shots)

*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 trainers/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:

February 26, 2018	
8:00 am	Opening Program
8:30 am	Individual Written Exam for Grade 6 and Grade 10
10:00 am	Grade 6 Team Oral Competition
11:30 am	Grade 10 Team Oral Competition
1:00 pm	Awarding Ceremonies

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 **Elementary and Junior High School Levels**

- 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.*



# CONTEST MECHANICS

## MMC Document No. 3



### I. ELIMINATION ROUNDS

1. 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.
2. Contestants register by sending a copy of their **MMC Form No. 1** to the local DepEd Division on or before **November 17, 2017**. Upon registration on the actual date of the elimination rounds, they should present the original copy of MMC Form 1 and contestants shall be assigned their testing rooms.
3. **For NCR schools, ALL public and private schools** must accomplish an online registration via the MMC portal: <http://onlineportal.metrobankmathchallenge.com> on or before **November 17, 2017**.
4. 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.
5. Contestants are NOT allowed to bring cellphone, ipad, ipod, camera, calculator, laptop computer, and other gadgets inside the testing room.
6. 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.
7. 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.
8. 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.
9. 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:

Grade Level	Time Allotment
Grades 1 and 2	60 minutes
Grades 3 and 4	80 minutes
Grades 5 and 6	100 minutes
Grade 7 to 10	2 hours

10. 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.



- questions) to the person in-charge of assigning the checkers.
12. 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.
  13. 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.
  14. 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.**

## II. DIVISION FINALS

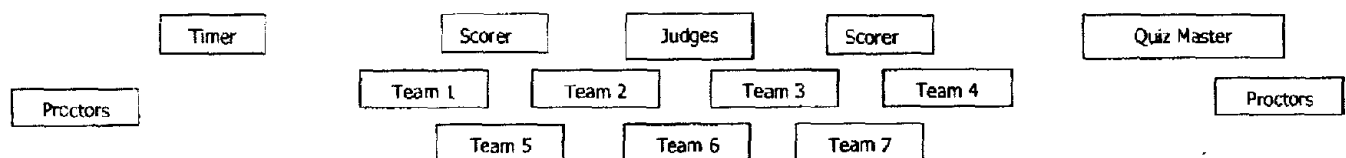
15. The Division Finals is a written-oral team competition.
16. Each team will be provided with slips of paper for the answer to each question. Before the first question, they will write their team identification on each slip.
17. There shall be 20 questions: 10 fifteen-second questions worth 2 points 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.
18. 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.

19. Each answer will be written on the official answer slips provided. As soon as the buzzer rings, everybody must stop writing.
20. 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.
21. 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.
22. 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.
23. The teams will be ranked according to their total score in the three parts to determine the winners.
24. 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

25. Only the official contestants may raise a complaint or clarification.
26. 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.
27. 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:



28. 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:

29. 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:**

30. There will be a panel of three judges composed of persons competent in the field of Mathematics.
31. The board of judges shall resolve complaints and problems regarding the test questions and their respective answers.
32. All decisions of the board of judges shall be final.

### **CHANGES ON RULES AND REGULATIONS**

33. 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 10 only)**

34. The Regional Finals for the Individual Competition is a written exam.
35. 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
36. For this competition, the contestants must use their code numbers given to them at the registration.
37. The Grade 6 contestants will be given 1.5 hours to answer the test; the Grade 10 contestants, 2 hours.
38. Partial credit will be given to answers in Parts II and III.
39. 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 10 only)**

40. 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 10 only))**

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

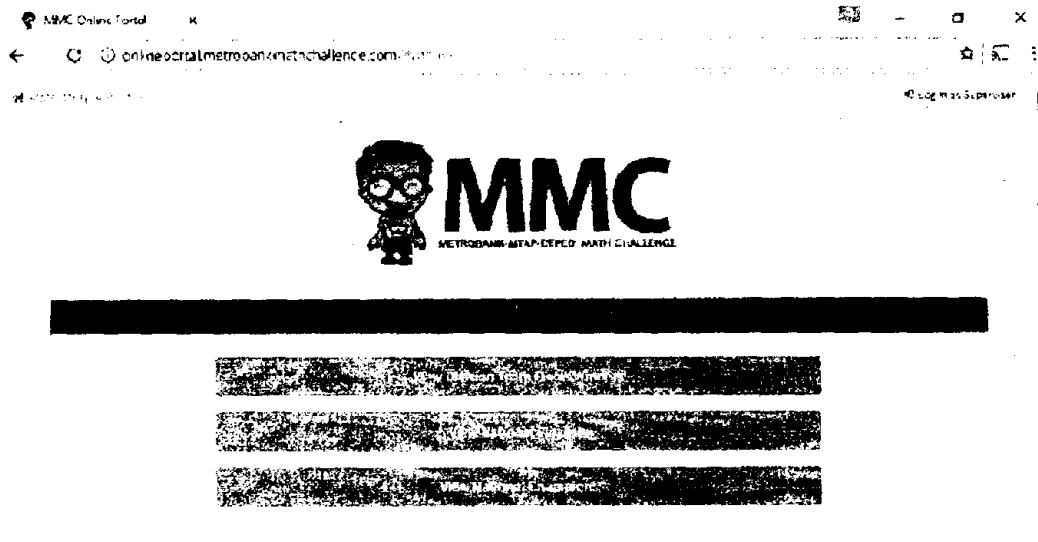
42. The final score of each individual contestant will be 60% of the written score + 40% of the oral score. This will be announced after the oral competition.
43. The contestants will be ranked according to the combined scores and the top three will be declared winners.

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

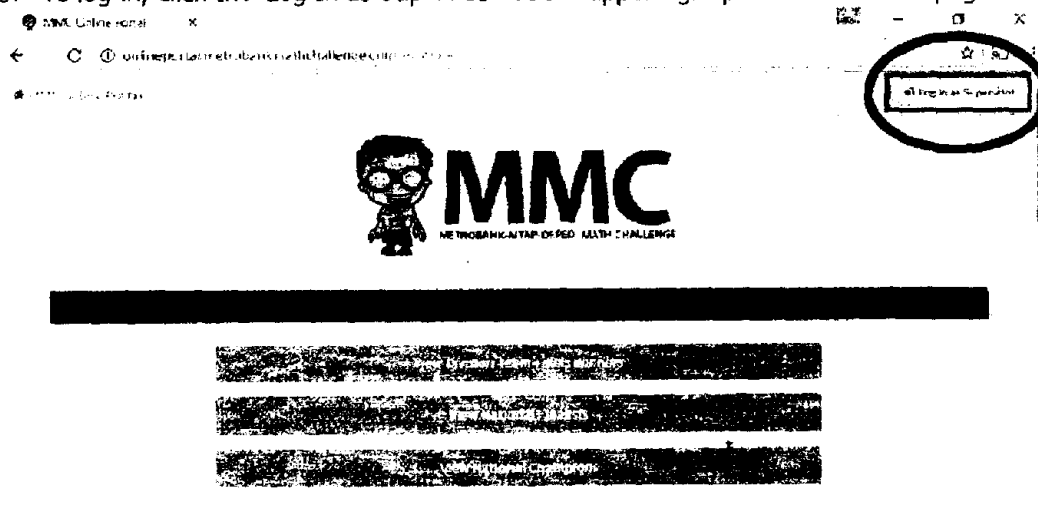
44. The team contestants will undergo an oral competition only. The mechanics are the same as those of the Division and Regional Finals.
45. The top three teams will be declared winners. In case of a tie among any of the teams vying for the first three places, a set of 3 questions will be given to break 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.

### I. RE-ACTIVATING THE MMC ACCOUNT

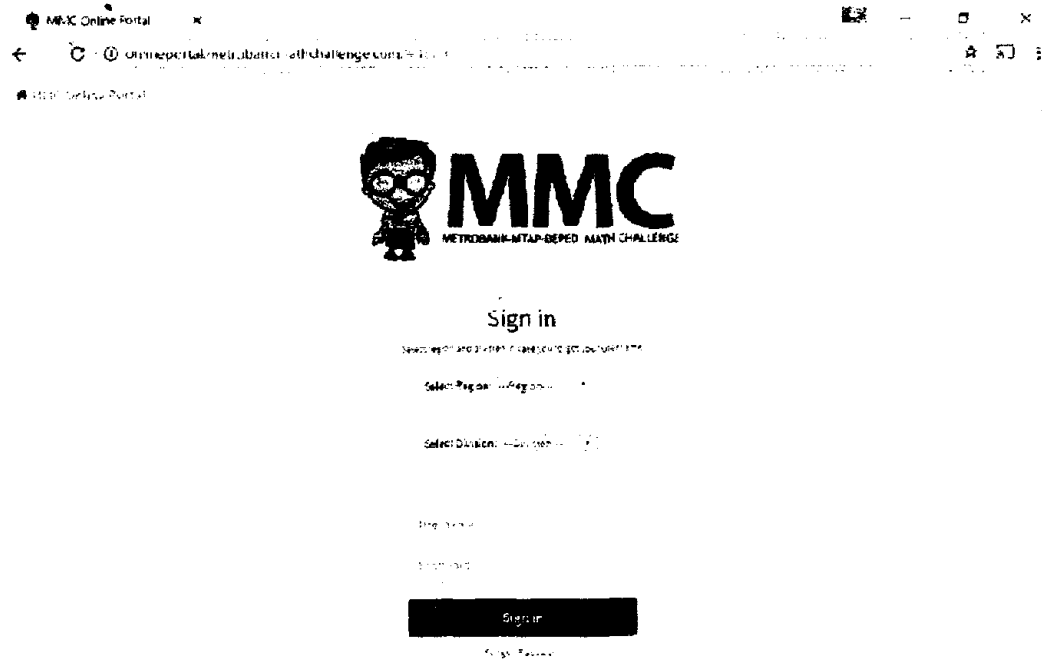
1. All DepEd Divisions were given one MMC online account to be managed by the Math Supervisor assigned by the DepEd Superintendent.
2. Pre-assign accounts are the same as the previous MMC online accounts. Please see the matrix of assigned Supervisors. To re-activate the MMC online account of your DepEd Division, please go to <http://onlineportal.metrobankmathchallenge.com>. Below is the homepage:



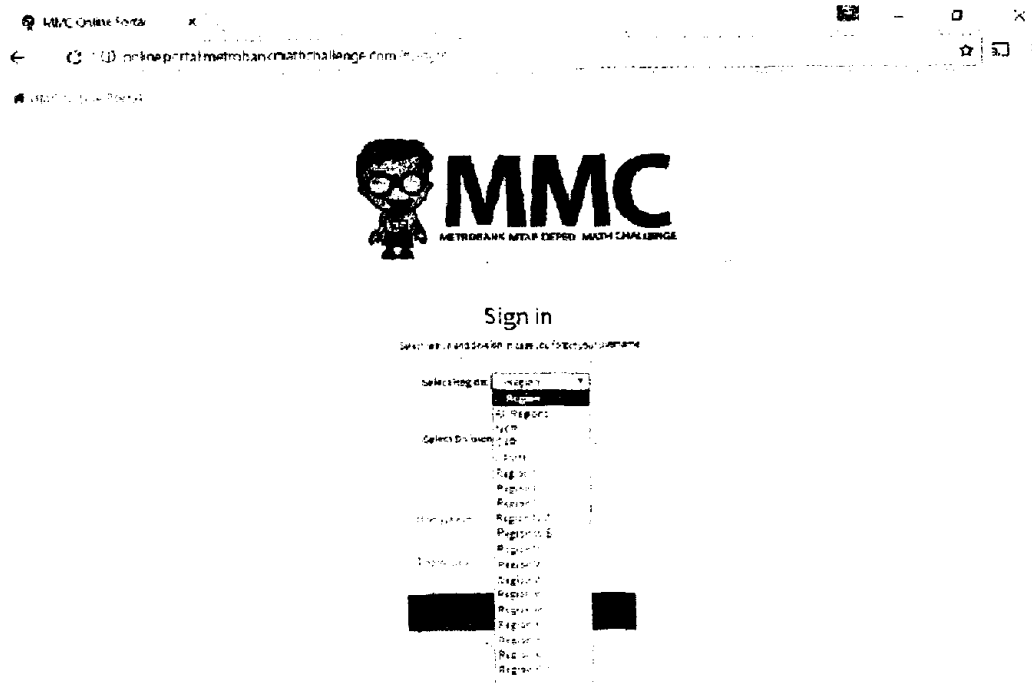
3. To log-in, click the 'Log In as Supervisor' at the upper right portion of the webpage.



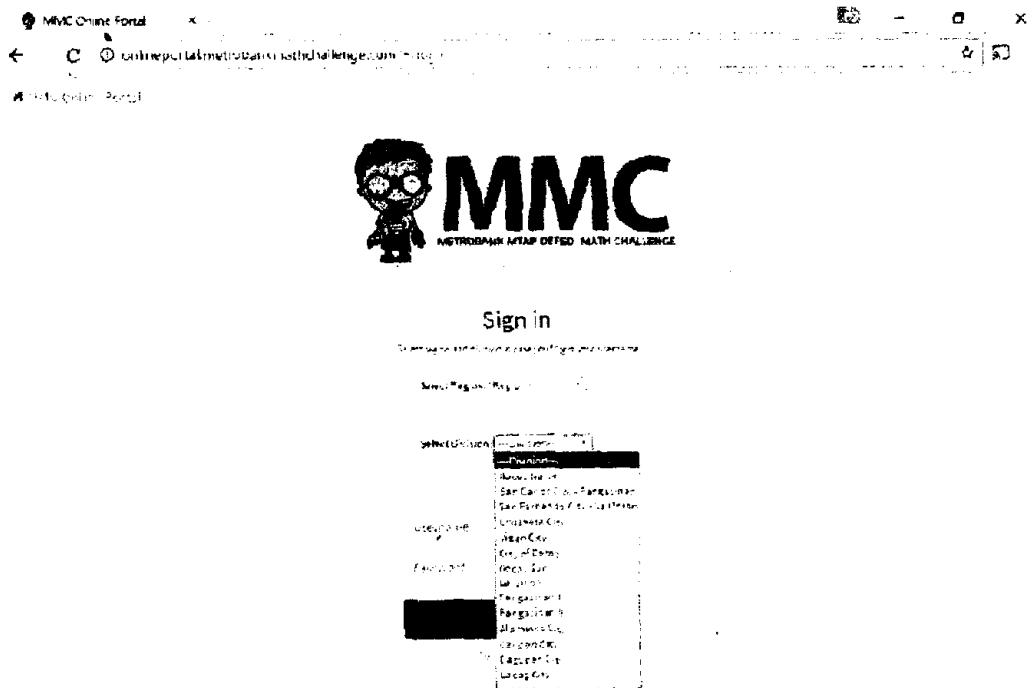
4. After clicking, users will be directed to the login page. Supervisors can also type this web address (<http://onlineportal.metrobankmathchallenge.com/#/login>) to go directly to the login page of the MMC online portal.



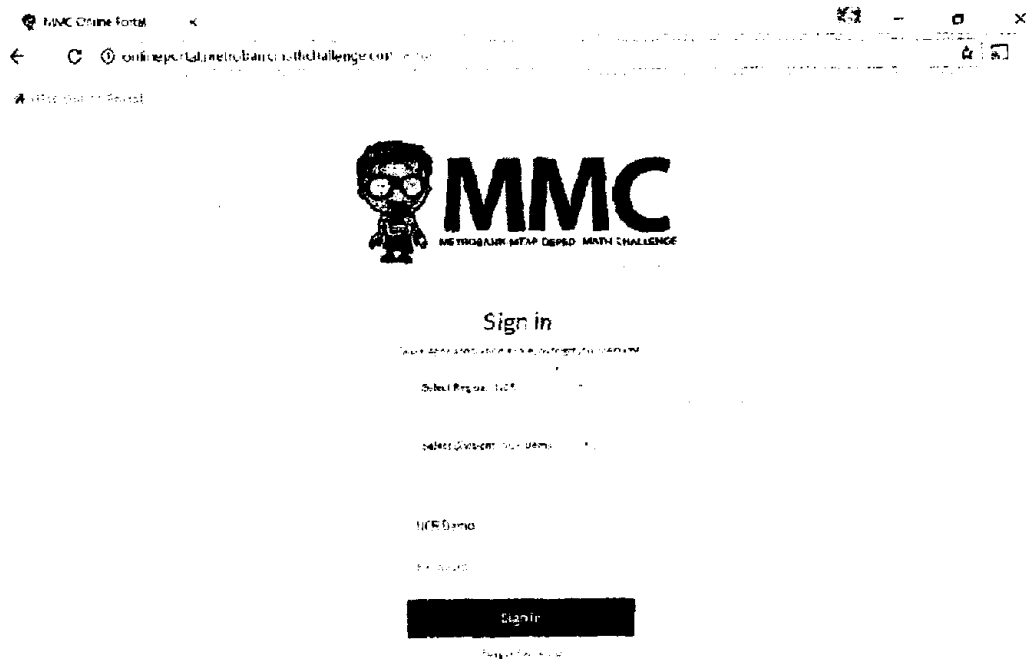
5. Start logging-in by selecting 'Region' from the dropdown menu.



6. Then, select corresponding 'Division' from the dropdown menu. The choices for the 'Division' changes according to the 'Region' selected.



7. After selecting a 'Division', the 'Username' field will be automatically occupied. To finally log-in, input the password and click the "Sign in" button.

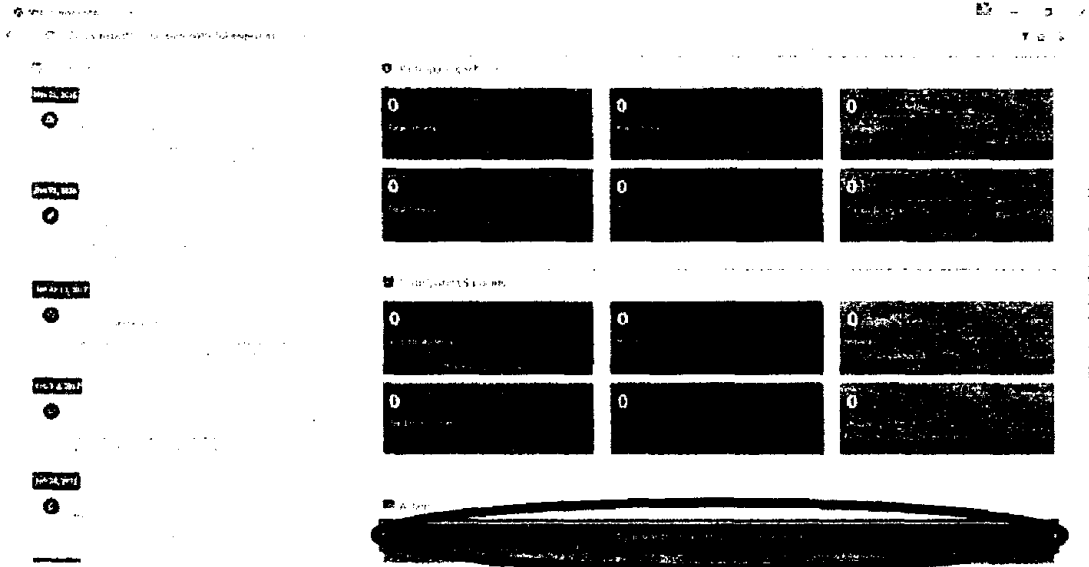




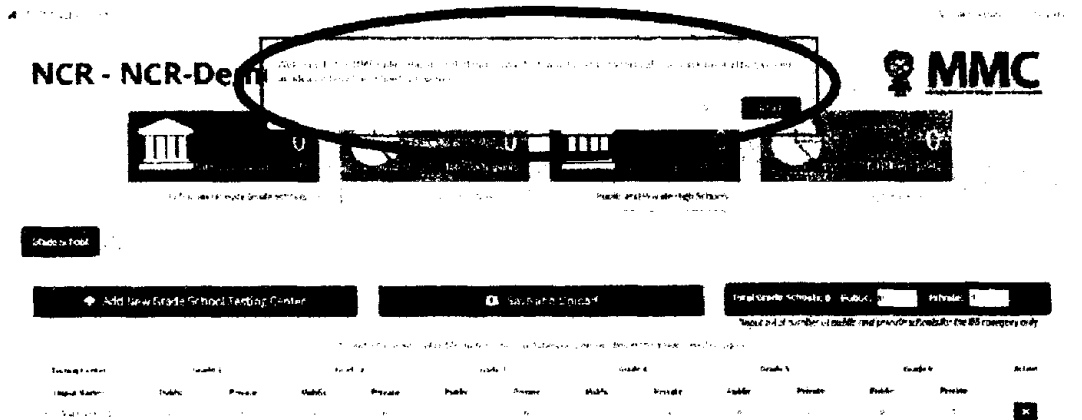


## II. SUBMISSION OF MMC FORM 2

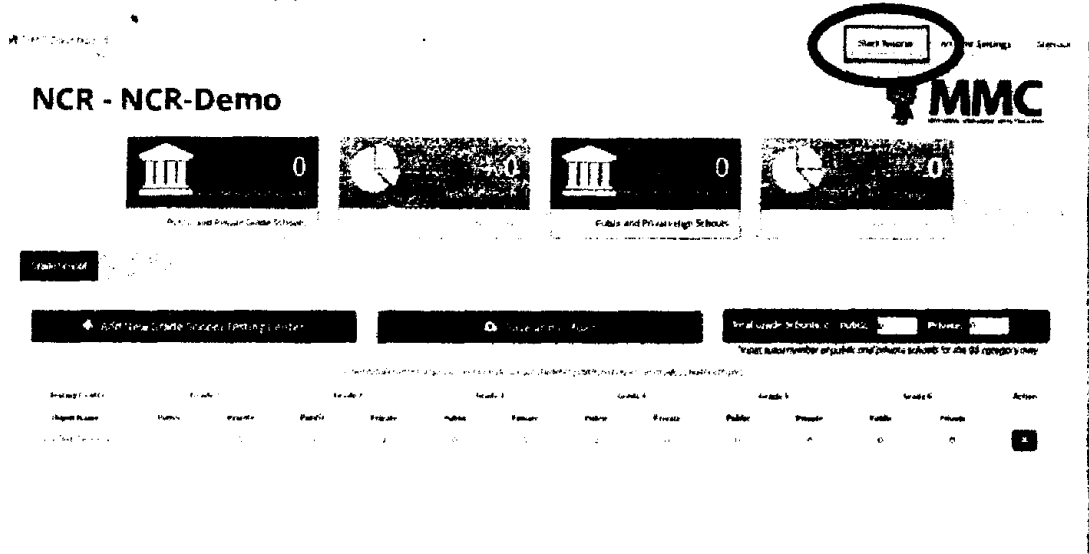
1. The Math Supervisors are required to send the MMC Form 2 online through the MMC online portal. After logging-in, click the 'Upload the MMC Form 2 (Summary of Participants)' button on the Actions section at the bottom of the page.



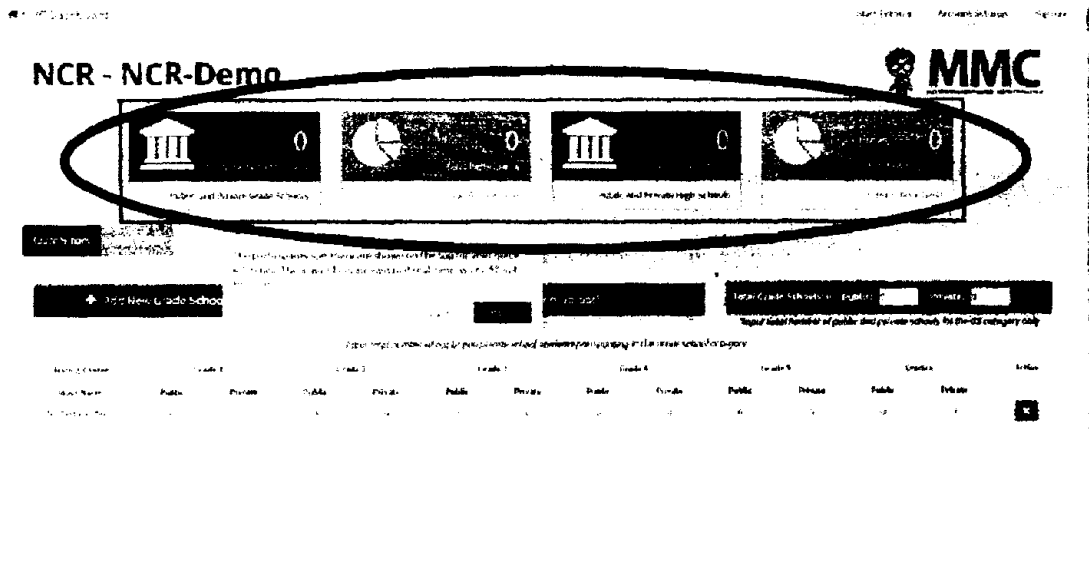
2. The user will be directed to another page where you can input data into the MMC Form 2. If it is your first time to login, a step-by-step tutorial will appear to guide you in the process. Just click the 'Next' button to continue with the tutorial.



- You can also click the 'Start Tutorial' button on the upper right part of the page to go to the tutorial at any point in time.



- The numbers at the upper portion of the webpage are the summaries of the Division's participation. These are updated real-time as the form is filled out.



- To edit the numbers on the form, just click on the corresponding number and type the correct number of participants for the specified level.

NCR - NCR-Demo MMC

0  
Public Schools

612  
Total Participants

0  
Private Schools

0  
Total Schools

Public  Private

This page displays the number of testing centers and the number of participants for each grade level.

Grade Level	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Action
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	
Grade 1	0	0	0	0	0	0	0	0	0	0	

- The user can also edit the name of the testing center by clicking on the Testing Center name and typing the correct name for the testing center.

NCR - NCR-Demo MMC

0  
Public Schools

714  
Total Participants

0  
Private Schools

0  
Total Schools

Public  Private

This page displays the number of testing centers and the number of participants for each grade level.

Testing Center	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Action
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	
<input type="text" value="School Testing"/>	0	0	0	0	0	0	0	0	0	0	

- You can add a new testing center by clicking on the 'Add New Grade School Testing Center' button.

NCR - NCR-Demo MMC

Grade School Testing Center

0

714

Public and Private High Schools

0

Grade School Testing Center

0

Add New Grade School Testing Center
Save and Print

Total Grade Schools: Public  Private

Testing Center	Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		Action
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	
Grade School Testing Center													<input type="button" value="+"/> <input type="button" value="-"/>

- After completing the summary of participants for each level in the grade school category, input the number of participating public and private schools for the grade school category.

NCR - NCR-Demo MMC

Grade School Testing Center

37

714

Public and Private High Schools

0

Grade School Testing Center

0

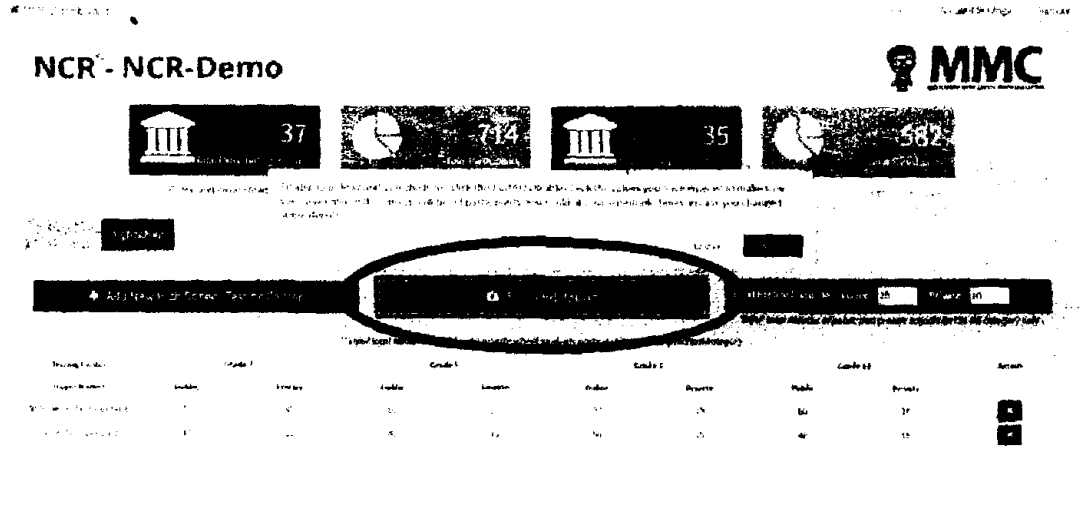
Add New Grade School Testing Center
Save and Print

Total Grade Schools: Public  Private

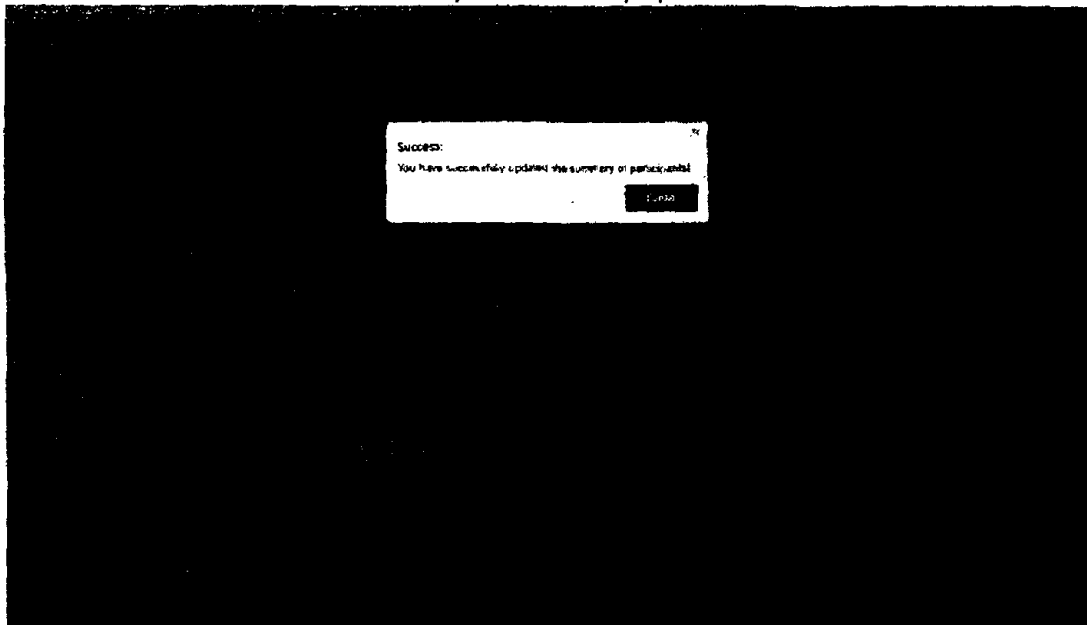
Testing Center	Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		Action
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private	
Grade School Testing Center													<input type="button" value="+"/> <input type="button" value="-"/>



11. To complete the submission of your DepEd Division, click on the 'Save and Upload' button to submit your MMC Form 2.



12. You will receive a notification if you successfully uploaded the MMC Form 2.



13. If you need to add or edit your submitted form, just do the whole process again or you can refer to Step No. 1 of Submission of MMC Form 2.