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Republic of the Philippines  
**Department of Education**  
Region 1

**SCHOOLS DIVISION OF CITY OF SAN FERNANDO (LA UNION)**

**DIVISION MEMORANDUM**

DM No. 19, s. 2025

FEB 24 2025

TO: Assistant Schools Division Superintendent  
Chief Education Supervisors  
Public and Private Elementary and Secondary School Heads  
DMMMSU Chancellor  
All Others Concerned

FROM: **OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT**

SUBJECT: **2025 Division Mathematics Festival**

Date: February 21, 2025

**PARTICULARS**

1. The Schools Division Office-City of San Fernando, through the Curriculum Implementation Division shall conduct the 2025 Division Mathematics Festival with the theme, **“Mathematical Discovery and Creativity in Art”** on March 27,2025 at San Fernando South Central Integrated School, Tanqui, City of San Fernando, La Union.
2. The festival aims to provide an opportunity for the participants to add up mathematical experiences and develop skills and attitudes needed for everyday living.
3. The following are the activities:
  - Math Quiz Bee
  - MathTikTok
  - Math Jingle
  - Math Infographics
  - Math Instructional Material Exhibit
  - Math Investigation Presentation
4. There will be NO registration fee in the different contests. All expenses shall be charged against the Special Education Fund (SEF) subject to accounting and auditing rules and regulations.



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2500 La Union  
Tel. No. : (072) 607-4715  
Email : [sanfernando.city1@deped.gov.ph](mailto:sanfernando.city1@deped.gov.ph)

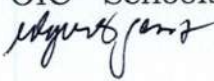

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- 5. All participants in the different activities should always observe health protocols.
- 6. Enclosed are the Guidelines/Mechanics of the different contest categories and the technical working group.
- 7. Immediate dissemination of this Memorandum to all concerned is desired.

**SHEILA MARIE A. PRIMICIAS, CESO VI**  
 OIC Schools Division Superintendent


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## Mechanics and Guidelines of the Math Quiz Bee Competition (Individual Category – Public and Private Schools)

1. Participants of this activity are elementary pupils, Junior high school, and Senior high school students from both public and private schools. There should only be one (1) contestant for each grade level (Grade 1 to 11).
2. Questions for Grades 1 to 11 shall use the English language.
3. Questions shall focus on the Most Essential Learning Competencies for the Grade level. Test questions shall be prepared by the coaches and submit them before the start of the quiz proper. One question each for the easy, average and difficult. These questions must be encoded using Bookman Old Style 12 in ¼ sheet of legal bond paper, for Grades 1 to 11. Below the question, write the answer. At the back of each sheet of bond paper, write the name of the coach, school, and the page of the book/reference material used and bring this on the day of the competition.
4. Each question shall be read twice by the quizmaster. The contestants may start solving for the answer (as needed) on the first reading. The contestant shall write the answer to a piece of paper as soon as the quizmaster shall have read the question twice. The countdown shall start immediately thereafter.
5. Contestants shall be given a maximum of fifteen (15) seconds to answer the easy questions, thirty (30) seconds for average questions and sixty (60) seconds to answer the difficult questions that require computation. Other questions shall only be allotted sixty (60) seconds.
6. Answer sheets shall be collected, checked, and recorded right after each question.
7. If tie occurs during the competition, a tiebreaker contest shall be held and the contestant who has the greatest number of correct answers to a set of five (5) questions wins.
8. If the tiebreaker round failed to resolve the issue, a head-to-head question and answer contest shall be conducted and the first contestant to get the correct answer at the shortest time wins.
9. Top 3 winners from each grade level shall receive medals.
10. Top 10 learners in Grade 5 are qualifiers in the NumbeRace competition when we conduct the 2026 Division Festival of Talents.



11. Category and Number of Questions:

- Easy (Multiple Choice) - 10 items - 1 point each
- Average (Multiple Choice) - 5 items - 2 points each
- Difficult (Fill in the blanks/ - 5 items - 3 points each

**Mechanics and Guidelines of the Division Level MATHTIKTOK  
(Public and Private Schools)**

1. This competition is open to all Elementary, Junior and Senior High School Teachers from both Public and Private Schools.
2. There shall be four (4) categories: a.) K to 3 b) Grade 4 to 6 c.) Grade 7 to 10 and d.) Grade 11-12. The video entry should feature only one teacher (one Tiktok User).
3. The participant must design applying a math concept, theory or law in a cheerful, lively and creative manner through a Tiktok video that is not more than one (1) minute.
4. The Tiktok Video must use the hashtags # **MATHTIKTOK** in uploading the video entry in Tiktok. All contents and audio in the Tiktok Video must be original and are owned by the contestant. All creative visual tools such as animations, simulations, physical demonstrations, or visual aids are allowed. The contestant shall be held accountable to any issues that may arise regarding the originality and accuracy of content.
5. The following Tiktok video format are highly recommended:
  - a. File size: The video should be up to 287.6 MB in size for iOS, or 72 MB on Android.
  - b. Orientation: Tiktok is formatted to be viewed on a smartphone, so vertical video is best.
  - c. Dimensions: Tiktok video dimensions should be 1080 x 1920.
  - d. Aspect ratio: The aspect ratio should be that of a standard smartphone screen, 9:16. 1;1 is also possible, but it will not take up the whole screen.
  - e. File type; Tiktok supports .mp4 and .mov files.
6. The Tiktok video entries must be submitted on the day of the competition in a google link to be provided following this filename format: # **MATHTIKTOK \_SCHOOL\_GR. \_\_.**



7. None submission of any of the required documents for the competition category will automatically be disqualified.
8. The decision of the judges shall be final and non-appealable. The judges reserve the right not to show their score/tabulation sheet to anyone except to the EPS in-charge of the activity.
9. The Board of Judges shall evaluate all the MathTiktok video entries based on the following criteria for judging:

Originality and Creativity	-	30%
Delivery/Execution	-	30%
Accuracy of Content	-	40%
Total	-	100%

**Mechanics and Guidelines of the Division Math Jingle Making Contest  
(Public and Private Schools)**

1. The participants in this category are elementary (regardless of grade level) and high school students (Junior or Senior High School regardless of grade level) in any public or private school in the City of San Fernando.
2. The performance must consist of a song and a dance presentation with math implications. The participants must sing and dance at the same time. Any song in English or Filipino may be used, or a combination thereof may be utilized.
3. The Math Jingle may be performed with or without the use of musical accompaniment.
4. A hard copy of the lyrics shall be given to the Technical Working Group on the date of the contest.
5. The presentation should last for a maximum of five (5) minutes. The jingle must revolve around the theme **“Mathematical Discovery and Creativity in Art”**
6. The entry shall be a group of 7-10 members.
7. Judging shall be based on the following criteria:

a. Originality	-	30 %
b. Harmony	-	20 %
c. Difficulty of Lyrics and Tone	-	20 %
d. Relevance to the theme	-	20 %
e. Props/Costume	-	10 %
		100 %



8. Top 3 winners in both elementary and secondary shall receive trophies and certificates of Recognition.
9. The decision of the judges shall be final and non-appealable. The judges reserve the right not to show their score/tabulation sheet to anyone except to the EPS in-charge of the activity.

**Mechanics and Guidelines of the Math Infographics Competition  
(Individual Category – Public and Private Schools)**

1. This competition is open to teachers from public and private Schools.
2. There should only be one entry per grade level from Grade 7 to 11 in each school.
3. The Math Infographics will highlight a learning competency for a grade level.
4. The name or logo of the participating school should not be seen in the math infographics.
5. The Math Infographics should be in portrait format. The entry should be originally created by the participant and no other party has any right, title, claim or interest in the infographic. The division office reserves the right to verify this through various means and disqualify any entry at any time.
6. The decision of the judges shall be final and non-appealable. The judges reserve the right not to show their score/tabulation sheet to anyone except to the members of the technical working group.
7. The winner agrees to the disclosure and publication of his/her full name and infographic in any photo, publicity, or other media arrangement.

**CRITERIA FOR JUDGING**

Content -	50%
Focus -	20%
Visual Appeal-	20%
Technicalities-	10%
<b>TOTAL</b>	<b>- 100%</b>

**Mechanics and Guidelines for the Best Math Instructional Material Competition**

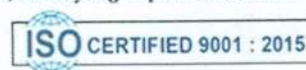
1. The competition is open to all elementary and secondary schools in this division.
2. Each school shall display two to three instructional materials that can help improve the performance of learners.
3. The decision of the judges shall be final and non-appealable. The judges reserve the right not to show their score/tabulation sheet to anyone except to the members of the technical working group.



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**CRITERIA FOR JUDGING:**

User Friendly-	20%
Functionality-	35%
Replicability-	20%
Originality/ Creativity-	25%
	100%

**TECHNICAL WORKING GROUP**

**A. REGISTRATION/ RESULTS**

- Grades 1 to 3-Imelda Ledda
- Grades 4 to 6-Tessie Rafael
- Grade 7 to 10-Eduviges Guieb
- Grades 11 &12-Elsie Apigo

**B. MATH QUIZ BEE**

Grade Level	Quiz Master	Judges	Time Keeper/ Recorder	Answer sheet Collectors
1	Jennet Evangelista	Guadalupe Sobrepeña  Amorsolo Pumares  Rosendo Antonio	Hilda Rivera	Alice Hernandez
2	Ernilyn Ogoc	Gemma Gurtiza  William Tubera  Relyn Daganta	Gemma Jay Ordoño	Shyr Nicole Graycochea
3	Flordeliza Estigoy	Myla Ducusin  Merlinda Gacayan  Elizabeth Ramos	Hanna Joy Beltran	Belma Nisperos
4	Rosalie Ducusin	Ramoel Espinueva	Joseph Maranan	Lloyd Arqueza



		Rolyn Ordinario Gloria Abad		
5	Mel Pineda	Alexis Joyce Cariaga Gay Danao Arnel Baradi	Mary Grace Nisperos	Jovita Pagayonan
6	Dodi Casila	Narcie Ricky Apilado Maria Liza Higoy Magdalena Abaya	Angeline Pearl Sibayan	Jinky Apigo
7	Anita Aspillaga	Rojema Llantada Elvin Ablog Maria Corazon Saratan	Michael Reyes	Aprillyn Dacumos
8	Edimel Dizon	Kwenie Paje Quien Anne Nisperos Jayvee Colocar	Michael Apostol	Heidi Diaz
9	Imelda Lyn Hailes	Kimverly Ganaden Richard Rosada Vina Nisperos	Cathy Ann Padilla	Jeffrey Cariño/
10	Jeffrey Olbinado	Rodrigo Panit Rovilyn Nillo Rina Sabado	Diana Casuga	Mary Joy Corpuz



11	Joey Valdriz	Dionisio Alcantara Joanne Valdez Miriam Aurelio	Danica Virlyn Ellana	Russel Antonio
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- Additional teachers will be assigned as test paper collectors.

**Venue:** Arlyn Bambico

**Programme:** Debbie Hidalgo

**MATHTIKTOK and Math Infographics:**

Crisanto Uberita, Renante Nera, Buenaflor Lituco

**Math Instructional Materials and Math Research/Investigation**

Jasmin Gacayan, Virgilio Villareal Jr., Mary Jane Miranda

**Math Jingle:**

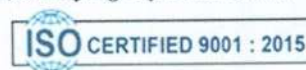
Roegen Rivera, Felina Maquiling, Santos Pasion Jr.



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