



Republic of the Philippines
Department of Education
REGION XI
SCHOOLS DIVISION OF DIGOS CITY

OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT
DIVISION MEMORANDUM
No. 655, s. 2021

November 16, 2021


**ANNOUNCEMENT OF WINNERS DURING THE CONDUCT OF SY 2021-2022
DIVISION MATHEMATICS VIRTUAL SUMMIT AND REITERATION OF THE
CONDUCT OF PREPARATORY ACTIVITIES FOR THE PARTICIPATION
TO THE REGIONAL MATHEMATICS VIRTUAL SUMMIT 2021**

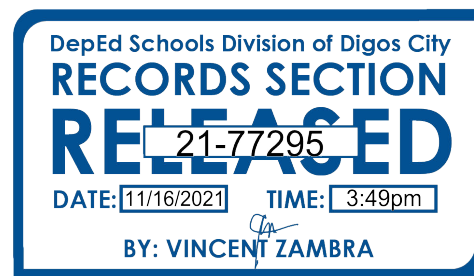
To: Chief, Curriculum Implementation Division
Education Program Supervisor – Mathematics
Public Schools District Supervisors
Public Elementary and Secondary School Heads
Public Elementary and Secondary School Teachers

1. In reference to the unnumbered Regional Memorandum dated October 27, 2021 entitled, “*Regional Mathematics Virtual Summit 2021*” and the Division Memorandum 618, s. 2021 entitled “*Conduct of SY 2021-2022 Division Mathematics Virtual Summit and the Preparation for the Participation to Regional Mathematics Virtual Summit 2021,*” this office announces the winners during the conduct of SY 2021-2022 Division Mathematics Virtual Summit held last November 9 to 12, 2021 and the identified regional qualifiers for the Regional Mathematics Virtual Summit 2021.
2. The regional qualifiers are the following:
 - a. Top 2 winners of the Online Division Mathematics Quiz in each category from Grade 4 to Senior High School;
 - b. Top 1 winner of the Graphing Calculator Video Contest in each category from Junior High School and Senior High School;
 - c. Top 1 winner of the Digitized Mathematics Intervention Material from Key Stage 1 to Key Stage 4; and
 - d. Top 2 winners of the *Mathematikula*.
3. Teacher-participants who are regional qualifiers of Automated Mathematics Intervention Material (AMIM) and *Mathematikula*, and the coaches of the regional qualifiers of Graphing Calculators are enjoined to participate the face-to-face Sneak Preview of Winning Entries and Provision of Technical Assistance to be conducted on November 15, 2021, Monday from 8:00 am to 5:00 pm at Ramon Magsaysay Central Elementary School.
4. Additionally, student-contestants who are regional qualifiers of the Online Mathematics Quiz with their respective coaches are directed to attend to the virtual meeting for the provision of technical assistance via google meet with the link <https://meet.google.com/rao-sgex-kmo> which shall be conducted on November 16, 2021, Tuesday at 8:30 am.



5. Expenses incurred in attendance to preparatory activities shall be charged to the following:
 - a. Division MOOE – for meal expenses of all participants for Sneak Preview of Winning Entries and Provision of Technical Assistance; and
 - b. School MOOE – for travel and/or other incidental expenses incurred by the teacher-participants, coaches, and technical working group during the Sneak Preview of Winning Entries and Provision of Technical Assistance and internet communication allowance for the virtual meeting of regional qualifiers and coaches;
6. Attached herewith is Enclosure 1 - List of Winners.
7. Immediate dissemination of this Memorandum is earnestly desired.


CRISTY C. EPE
Schools Division Superintendent



LIST OF WINNERS IN ONLINE DIVISION MATH QUIZ

SY 2021-2022 Division Mathematics Virtual Summit

November 9 to 12, 2021

NO.	PLACE	NAME	COACH	SCHOOL	DISTRICT
GRADE 4					
1	1st	Zianne Art Gabrielle N. Barro	Margie M. Sucayre	Colorado Elementary School	Digos South District
2	2nd	Lawrence Jireh E. Perez	Nesylda D. Alpacion	Digos City Central Elementary School	Digos Occidental District
3	3rd	Jewel Karl D. Sardido	Sittie Aine G. Macatbar	Ramon Magsaysay Central Elementary School	Digos Oriental District
4	4th	Kieffer Thomas B. Rufino	Nesylda D. Alpacion	Digos City Central Elementary School	Digos Occidental District
5	5th	Shaina Wilmarie B. Mataranas	Emma M. Cabonita	Pedro V. Basalan Elementary School	Digos Occidental District
GRADE 5					
6	1st	Vince Ivan P. Caintic	Mae Amor P. Alojado	Necencio Isidro Elementary School	Mt. Apo District
7	2nd	Dale Jhared B. Villarba	Margie M. Sucayre	Colorado Elementary School	Digos South District
8	3rd	Tamina Marti D. Tagaytay	Nesylda D. Alpacion	Digos City Central Elementary School	Digos Occidental District
9	4th	Denise Faith F. San Agustin	Maristle Q. Pomperada	Casildo B. Nonol Elementary School	Digos South District
10	5th	Dominic Axell L. Lim	Hannah D. Baron	Ramon Magsaysay Central Elementary School	Digos Oriental District
GRADE 6					
11	1st	Christ Alexan E. Sy	Ruth A. Hingco	Don Mariano Marcos Elementary School	Digos Oriental District
12	2nd	Wross Shiloh Matt S. Agullana	Nesylda D. Alpacion	Digos City Central Elementary School	Digos Occidental District
13	3rd	Jan Michael Alexandrew C. Dawa	Ruth A. Hingco	Don Mariano Marcos Elementary School	Digos Oriental District
14	4th	Jireh Q. Abarca	Nesylda D. Alpacion	Digos City Central Elementary School	Digos Occidental District
15	5th	Ariane T. Legita	Fermin Jr. J. Galo	Ramon Magsaysay Central Elementary School	Digos Oriental District
GRADE 7					
16	1st	Leonard Jamen G. Ocio	Jesmarie S. Penol & Jernalyn L. Castro	Digos City National High School	Secondary Schools District
17	2nd	Angel E. Claro	Evangeline M. Bucar	Ruparan National High School	Secondary Schools District
18	3rd	Micaiah Shanice A. Pancho	Jesmarie S. Penol & Jernalyn L. Castro	Digos City National High School	Secondary Schools District
19	4th	Princess Airah Tajon	Rio A. Calamohoy	Kapatagan National High School	Secondary Schools District
20	5th	Racheal Mae G. Andres	Jesmarie S. Penol & Jernalyn L. Castro	Digos City National High School	Secondary Schools District
GRADE 8					

21	1st	Ariella Jean A. Mapa	Ferlyn Mae S. Depacaquibo & Veronica T. Delima	Digos City National High School	Secondary Schools District
22	2nd	Mhia Kaye S. Perez	Ferlyn Mae S. Depacaquibo & Veronica T. Delima	Digos City National High School	Secondary Schools District
23	3rd	Prinz Jollean Ivan D. Calumpong	Ferlyn Mae S. Depacaquibo & Veronica T. Delima	Digos City National High School	Secondary Schools District
24	4th	Princes Rica I. Toquero	Lecilyn B. Gultiano	Matti National High School	Secondary Schools District
25	5th	Lianne Jane R. Tante	Ellaine B. Limpangog	DICNHS - Aplaya Extension	Secondary Schools District
GRADE 9					
26	1st	Angelyn Faith C. Sanchez	Gary M. Nugas & Wellisa P. Milca	Digos City National High School	Secondary Schools District
27	2nd	Maria Margarette D. Saban	Gary M. Nugas & Wellisa P. Milca	Digos City National High School	Secondary Schools District
28	3rd	Jan Michael S. Olaer	Gary M. Nugas & Wellisa P. Milca	Digos City National High School	Secondary Schools District
29	4th	Psalm R. Pancho	Gary M. Nugas & Wellisa P. Milca	Digos City National High School	Secondary Schools District
30	5th	Erica Marie D. Donato	Gary M. Nugas & Wellisa P. Milca	Digos City National High School	Secondary Schools District
GRADE 10					
31	1st	Zhairelle B. Florentino	Glent Ian T. Delima & Cathelene N. Cabras	Digos City National High School	Secondary Schools District
32	2nd	Novey Joy S. Hijapon	Glent Ian T. Delima & Cathelene N. Cabras	Digos City National High School	Secondary Schools District
33	3rd	Chester Lance C. Sucna-An	Glent Ian T. Delima & Cathelene N. Cabras	Digos City National High School	Secondary Schools District
34	4th	Zemirah Dawn P. Ellica	Glent Ian T. Delima & Cathelene N. Cabras	Digos City National High School	Secondary Schools District
35	5th	Chad Joshua B. Bunghanoy	Xiomarah Myrnel P. Conoman	Matti National High School	Secondary Schools District
SHS					
36	1st	Shawn Michael G. Belonio	Juner O. Gultiano	Senior High School In Digos City	Secondary Schools District
37	2nd	Genbert Mae G. Gonzales	Lanie A. Carbon	Ruparan National High School	Secondary Schools District
38	3rd	April Lyn G. Mantua	Ana Marie L. Cabigas	Senior High School In Digos City	Secondary Schools District
39	4th	Cherrie Ann A. Mentino	Mildred T. Mirabueno	Senior High School In Digos City	Secondary Schools District
40	5th	Justeen Claire E. Berjame	Lanie A. Carbon	Ruparan National High School	Secondary Schools District

Note: Regional qualifiers are the Top 2 of each category from Grade 4 to SHS.

LIST OF WINNERS IN GRAPHING CALCULATOR VIDEO CONTEST

SY 2021-2022 Division Mathematics Virtual Summit

November 9 to 12, 2021

NO.	PLACE	NAME	COACH	SCHOOL	DISTRICT
JHS CATEGORY					
1	1st	Hesther Michaela G. Molina	Jhobelle P. Racho	Digos City National HS	Secondary Schools
		Joshly Nicole Maypa			
		Juven Grace Escleto			
2	2nd	Precious Flora R. Loraina	Alden Rhee A. Degamo	Digos City National HS	Secondary Schools
		Chinee Mavi P. Corral			
		Hazelle M. Dela Peña			
3	3rd	Charl Espaltero	Rotshen Casilac	Soong National High School	Secondary Schools
SHS CATEGORY					
4	1st	Jaymark L. Barit	Johnryl B. Garzon	Kapatagan National High School	Secondary Schools
5	2nd	Glendhon T. Burgos	John Silver B. Pacificar	Matti National High School	Secondary Schools
		Lady Cassandra Nicole Caderon			
SPECIAL AWARDS-JHS					
Eagle Video Award					
1		Hesther Michaela G. Molina	Jhobelle P. Racho	Digos City National HS	Secondary Schools
		Joshly Nicole Maypa			
		Juven Grace Escleto			
Problem Solver of the Year					
2		Hesther Michaela G. Molina	Jhobelle P. Racho	Digos City National HS	Secondary Schools
		Joshly Nicole Maypa			
		Juven Grace Escleto			
Diamond Performance Award					
3		Hesther Michaela G. Molina	Jhobelle P. Racho	Digos City National HS	Secondary Schools
		Joshly Nicole Maypa			
		Juven Grace Escleto			
Golden Video Award					
4		Hesther Michaela G. Molina	Jhobelle P. Racho	Digos City National HS	Secondary Schools
		Joshly Nicole Maypa			
		Juven Grace Escleto			
SPECIAL AWARDS-SHS					
Eagle Video Award					

1		Jaymark L. Barit	Johnryl B. Garzon	Kapatagan National High School	Secondary Schools
Problem Solver of the Year					
2		Glendhon T. Burgos	John Silver B. Pacificar	Matti National High School	Secondary Schools
		Lady Cassandra Nicole Caderon			
Diamond Performance Award					
3		Jaymark L. Barit	Johnryl B. Garzon	Kapatagan National High School	Secondary Schools
Golden Video Award					
3		Glendhon T. Burgos	John Silver B. Pacificar	Matti National High School	Secondary Schools
		Lady Cassandra Nicole Caderon			

Note: Regional qualifiers of this event are the Top 1 of each category.

LIST OF WINNERS IN DIGITIZED MATHEMATICS INTERVENTION MATERIALS

SY 2021-2022 Division Mathematics Virtual Summit

November 9 to 12, 2021

NO.	PLACE	NAME	SCHOOL	DISTRICT
KEY STAGE 1				
1	1st	Lee Glenda C. Precellas	Pedro V. Basalan ES	Digos Occidental
2	2nd	Mary Grace N. Arendain	Apolondia ES	Mt. Apo
3	3rd	Josephine M. Delima	San Miguel ES	Digos South
KEY STAGE 2				
4	1st	Arianne Krystal C. Demetila	Don Mariano Marcos ES	Digos Oriental
5	2nd	Marybeth D. Cadion	Jolencio R. Alberca ES	Digos Occidental
6	3rd	Thessa Mae D. Eting	Digos City Central ES	Digos Occidental
KEY STAGE 3				
7	1st	Ferlyn Mae S. Depacaquibo	Digos City National HS	Secondary Schools
8	2nd	Jessmarie C. Peñol	Digos City National HS	Secondary Schools
9	3rd	Ma. Eloisa D. Cajés	Dawis National HS	Secondary Schools
KEY STAGE 4				
10	1st	Imma Tessie Donne D. Llemit	Goma National HS	Secondary Schools
11	2nd	Juner O. Gultiano	Senior High School in Digos City	Secondary Schools
12	3rd	John Silver B. Pacificar	Matti National HS	Secondary Schools
SPECIAL AWARDS				
Best DMIM Video Award				
1	KS 1	Lee Glenda C. Precellas	Pedro V. Basalan ES	Digos Occidental
2	KS 2	Arianne Krystal C. Demetila	Don Mariano Marcos ES	Digos Oriental
3	KS 3	Ferlyn Mae S. Depacaquibo	Digos City National HS	Secondary Schools
4	KS 4	Imma Tessie Donne D. Llemit	Goma National HS	Secondary Schools
Eagle Intervention of the Year				
1	KS 1	Lee Glenda C. Precellas	Pedro V. Basalan ES	Digos Occidental
2	KS 2	Arianne Krystal C. Demetila	Don Mariano Marcos ES	Digos Oriental
3	KS 3	Jessmarie C. Peñol	Digos City National HS	Secondary Schools
4	KS 4	Imma Tessie Donne D. Llemit	Goma National HS	Secondary Schools
Outstanding Achiever Award				
1	KS 1	Lee Glenda C. Precellas	Pedro V. Basalan ES	Digos Occidental
2	KS 2	Arianne Krystal C. Demetila	Don Mariano Marcos ES	Digos Oriental

3	KS 3	Ferlyn Mae S. Depacaquibo	Digos City National HS	Secondary Schools
4	KS 4	Imma Tessie Donne D. Llemit	Goma National HS	Secondary Schools
Golden DMIM Award				
1	KS 1	Lee Glenda C. Precellas	Pedro V. Basalan ES	Digos Occidental
2	KS 2	Arianne Krystal C. Demetila	Don Mariano Marcos ES	Digos Oriental
3	KS 3	Ferlyn Mae S. Depacaquibo	Digos City National HS	Secondary Schools
4	KS 4	Imma Tessie Donne D. Llemit	Goma National HS	Secondary Schools

Note:

1. Regional qualifiers of this event are the Top 1 of each category.
2. The term used for this event in the regional level is Automated Mathematics Intervention Material (AMIM) per unnumbered Regional Memorandum dated October 27, 2021.

LIST OF WINNERS IN MATHEMATIKULA

SY 2021-2022 Division Mathematics Virtual Summit

November 9 to 12, 2021

NO.	PLACE	NAME	SCHOOL	DISTRICT
1	1st	Mary Jimz C. Abellon	Matti ES	Mt. Apo
2	2nd	Haisa A. Maghinay	Don Mariano Marcos ES	Digos Oriental
3	3rd	Adelaida G. Felix	DICNHS - Aplaya Extension	Secondary Schools
SPECIAL AWARDS				
Peer's Choice Award				
1		Haisa A. Maghinay	Don Mariano Marcos ES	Digos Oriental
Popular Vote Award				
1		Haisa A. Maghinay	Don Mariano Marcos ES	Digos Oriental

Note: Regional qualifiers of this event are the Top 2 winners.



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Office of the Regional Director

MEMORANDUM

To : Schools Division Superintendents

Subject: REGIONAL MATHEMATICS VIRTUAL SUMMIT 2021

Date : October 27, 2021

The Department of Education Region XI, through the Curriculum and Learning Management Division (CLMD), will hold the Regional Mathematics Virtual Summit 2021 with the theme "Mathematics is a Breeze," to support the true depth of knowledge in teaching and learning Mathematics required by teachers and students to succeed in a blended learning environment in the new normal. On November 23-26, 2021, an online platform will host "Going Back to Basics."

The Regional Mathematics Virtual Summit (RMVS) 2021 aims to stimulate interest in engaging in logical and innovative endeavors outside of the classroom, recognize and commend scientific interest and hobby pursuits, and provide an opportunity for logical and creative talent to be displayed through exhibit and demonstration.

The summit provides an opportunity for students to use their newly acquired abilities and critical thinking in real-world circumstances, as well as for teachers to improve their teaching and learning processes, resulting in the acquisition of 21st-century talents. This activity will highlight the various activities that will be competed in, such as quizzes, graphing calculators for pupils, and digitized mathematics intervention material and curricula for teachers.

The Schools Division Offices shall conduct their own selection screening process for their entries and participants in the Regional Mathematics Virtual Summit 2021.

Enclosed are the guidelines of the different events to be contested and the timeline of the different activities to be observed related to the conduct of the RMVS 2021.

All expenses related to the conduct of the RMVS 2021 such as honoraria for the judges, keynote speakers, prizes of the different contested events, and food for the members of the technical working group shall be charged to Regional Fund, subject to the usual accounting and auditing rules and regulations.

Immediate dissemination of this Memorandum is desired.

ALLAN G. FARNAZO
 Director IV

Enclosed: As stated

ROC6/mltb

DEPARTMENT OF EDUCATION (DOE)

RECORDS SECTION

RELEASED
 10/27/2021



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	Average	5	60 seconds
	Difficult	5	90 seconds
	Total	20	
Secondary	Easy	10	30 seconds
	Average	10	60 seconds
	Difficult	5	90 seconds
	Total	25	

9. This phase shall be conducted simultaneously in the following virtual rooms (one grade level after the other):
 - Virtual Room 1 – Grades 4 and 5
 - Virtual Room 2 – Grades 6 and 7
 - Virtual Room 3 – Grades 8 and 9
 - Virtual Room 4 – Grades 10 and SHS
10. Contestants must be in the virtual room with stable internet connectivity and a quiet room an hour before the scheduled time. They are required to keep the audio of the primary gadget **ON**. They shall remain silent for the whole duration of the conduct of this phase. The identified primary gadget shall be a laptop with available audio, which the contestants shall use.
11. The authenticity of the responses of the contestants shall be observed. Contestants are required to have two cameras placed at their front and back. The front camera should cover the half-front body and the background of the contestant. On the other hand, the back camera should cover the back of the contestant, the laptop, and the front view of the contestant. Virtual background or blurry background is **NOT** allowed.
12. There will be two (2) platform administrators and a virtual host in every virtual room.
13. Two or three Education Program Supervisors / Division Mathematics Coordinators are assigned in each virtual room as observers.
14. Platform administrators shall arrange contestants before the Math Quiz starts. Virtual host shall **NOT** read the question.
15. The Head Facilitator shall declare Top 3 winners in each grade level.
16. In case of a tie, additional three questions shall be asked using the same time limit in Item 8. These three questions are composed of one easy, one average, and one difficult

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(2) Form

The



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- Entries must be submitted with the format: "CalcVideo_<SDO Name>_<VideoTitle>" (ex. CalcVideo_MatiCity_ConicSection).
- The Certificate of Ownership Form attached in *Annex A* and Media Release Consent Form attached in *Annex B* shall be accomplished by the contestant/team and coach to be submitted together with their entry.
- As a matter of policy, submitted entries will be uploaded to a YouTube channel. It must have no video restrictions and no copyright claim under YouTube policies and guidelines to pass the initial screening process of the contest. Videos with viewing issues will be dealt with accordingly.

C. SCORING SYSTEM

(1) Judges shall rate each entry based on the criteria below, and their decision is final and irrevocable.

Clarity and Delivery (20 pts)

- The video and audio quality is clear and effectively contributing to the delivery of the message. Video shots and background audio is kept in balance.
- The presenter speaks clearly and distinctly all the time and mispronounces no words.

Difficulty of the Problem (20 pts)

- Subject matter is typically covered by higher-order thinking skills.
- The topic includes solving a challenging mathematical problem involving a multistep approach.

Demonstration of Graphing Calculator (40 pts)

- The presentation showcases the importance of graphing calculators in solving math problems. It features how the tool makes the task easy and fast.
- The presenter displays mastery in using the calculator, and the viewer finds its functionality relevant and user-friendly.
- The video displays mathematical features of what a graphing calculator can perform beyond what other calculators can only do.

Organization of Presentation (20 pts)

- The work is presented in a neat, precise, organized fashion that is easy to comprehend.
- Presentation is captivating and makes the viewer watch the video from start to finish.

(2) Top 3 winners shall be declared for each category based on the highest accumulated points among all judges.



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(3) In case of a tie, the chairman of the board of judges shall break the tie.

(4) Special Awards shall also be given to each category, such as:

- **Eagle Video Award** (*Judges' bet in Clarity and Delivery*)
- **Problem Solver of the Year** (*Judges' bet in Difficulty of the Problem*)
- **Diamond Performance Award** (*Judges' bet in Calculator Demonstration*)
- **Golden Video Award** (*Judges' bet in Organization of Presentation*)



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For more information: 082-221-6147



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(Annex A - Certificate of Ownership)

CERTIFICATION

KNOWN ALL MEN BY THESE PRESENTS:

That _____ We
 _____ of
 _____ writer/s and
 _____ coach in the **CALCULATOR
 APPLICATIONS VIDEO CONTEST** hereby certify that our entry is of our own, and is new
 and original to the best of our knowledge. I/We further certify that we give our permission for
 DepEd – Curriculum and Learning Management Division (CLMD) of ROXI to share the said
 Videos as supplemental learning materials to be used in the classrooms.

IN WITNESS WHEREOF, I/We have hereunto set our hands on this ____ day of
 _____, 2021 at _____.

 Signature

Signature

 Signature

Signature



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Confession Members (1529877)



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Note: Please submit this form together with your entries on or before the Deadline of submission.

(Annex B)

STUDENT MEDIA RELEASE CONSENT FORM

I, the undersigned, hereby grant the Department of Education - Curriculum and Learning Management Division (CLMD) of ROXI the right to record, film, photograph, audiotape, or videotape of me, my work, and performances.

I also grant the right to edit, use, and reuse said products for nonprofit purposes, including print, on the internet, and all other forms of media.

I also hereby release the Department of Education and its agents and employees from all claims, demands, and liabilities whatsoever in connection with the above.

I certify that I have read the Media Consent and Release Form and fully understand its terms and conditions.

Agreed and accepted by

Signature of Student : _____ Date: _____
 Address of Student: _____

Parental Consent:

I certify that I am the parent or guardian of, _____, a minor under the age of eighteen years. I hereby agree to assume legal responsibility of his/her authorizations referred to in this Media Consent and Release.

Parent/Guardian Signature Over Printed Name:



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Certification Number: 42116-6221



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Date: _____

Event # 3. Automated Mathematics Intervention Material (AMIM)

Salient Points to Consider:

It was formerly known as the Strategic Intervention Material (SIM), evolving into an automated version to fit the distance learning modality.

- These are instructional materials developed by the teachers for intervention purposes for those learners who failed to master the competency after the class presentation of the lesson or an assessment activity like the formative test, weekly test, unit test, summative test, and periodical examination.
- Learner participants to this activity are determined by their scores or performance after the formative or assessment activities.
- The teacher will select one competency which will be the basis of AMIM from the list of least mastered competencies. It should be certified by the grade head/adviser and noted by the school head.
- The teacher will do a task analysis for this competency.
- Think about the skill(s) and subskill(s) that learners should have to develop the target competency.
- Write this down and keep this as a guide when writing the AMIM.

Task analysis helps the teacher pinpoint problem areas, make appropriate corrections, and ensure that students have the necessary skills and subskills to complete the task.

Parts of the AMIM:

- **The Guide Card**
The Guide Card presents the big picture.
- gives an overview of the lesson;



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- presents the focus skill;
 - introduces the activity/activities;
 - engages the learner's interest; and
 - leads the learner in performing the tasks
-
- **The Activity Card**
The Activity Card defines the task(s) that the learner should undertake to develop the skill.
 - The task is competency-oriented and may be individual or group work.
 - The purpose of the task is to provide enough practice for the learner to perform the skill automatically.
 - **The Assessment Card**
The Assessment Card helps the learner measure their mastery of the skills upon completion of the task(s).
The assessment result identifies the knowledge/skill(s) that the learner may need to develop further or enhance.
 - The score of the learners will not be used as the basis for their grade.
 - **The Enrichment Card**
The Enrichment Card extends learning by providing additional exercises for further application of knowledge or skill.
 - **The Reference Card**
The Reference Card provides additional content to the coverage of the textbook.
 - It may also list resources that the learner may refer to for further reading.
 - **The Answer Key**
 - The answer key shall provide answers to all exercises and activities. It is a self-learning material where the learners will study and answer with less assistance and supervision from the teacher. The teacher will instruct what to do and let the students study and answer the self-learning materials during the vacant time or remediation period.
 - **Packaging the Automated Intervention Material**
 - Packaging means putting together the cards to come up with the AMIM.
 - Teachers are encouraged to make each section brief and simple
 - Pictures, diagrams, illustrations, and manipulative materials are suggested to make the material attractive and interesting.

THE CONTEST ENTRY

- It is an individual competition open for all public school teachers.
- Each Division may send one entry per key stage area: Key Stage 1 (Grades 1 to 3), Key Stage 2 (Grades 4 to 6), Key Stage 3 (Grades 7 to 10), and Key Stage 4 (Grades 11 to 12).



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- The contest will showcase a **video presentation** on the teacher-made Automated Mathematics Intervention Material (AMIM) and how it was used in the distance learning class, including the learning outcome. The language to be used in English.
- Each entry shall submit one video (not exceeding 5 minutes) on the presentation of AMIM.
- Each entry shall have one video presenter who is the primary author of the material. However, an entry can add as many as two members in the team whose roles are in the technical aspect.
- Online submission of the video entry and other personal information of the contestant or team will be made through a google form. A link will be provided through their respective Division Math Coordinator/EPS.
- Entries must be submitted with the format: "AIM_<SDO Name>_<VideoTitle>" (ex. AIM_Mati City_Oplan Integers).

As a matter of policy, submitted entries will be uploaded to a YouTube channel. It must have no video restrictions and no copyright claim under YouTube policies and guidelines to pass the initial screening process of the contest. Videos with viewing issues will be dealt with accordingly.

SCORING SYSTEM

(1) Judges shall rate each entry based on the criteria below, and their decision is final and irrevocable.

Clarity and Delivery (15 pts)

- The video and audio quality is clear and effectively contribute to the delivery of the message. Video shots and background audio is kept in balance.
- The presenter speaks clearly and distinctly all the time. The overall presentation is captivating and makes the viewer watch the video from start to finish.

Congruence and Replicability (30 pts)

- All parts of the packaged material are tailored coherently to attain objectives based on the activities presented.
- The learning outcome addressed mastery of the identified least learned competency.
- The results of the intervention are supported by concrete evidence that warrants the same effect when the intervention is repeated in other similar circumstances.

Usability and Functionality (40 pts)



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The following features are all found in the packaging material:

- **EFFECTIVENESS.** Is the intervention achieving its objectives?
- **EFFICIENCY.** How well are resources being used?
- **IMPACT.** What difference does the intervention make?
- **SUSTAINABILITY.** Will the benefits last?

Interface Organization (15 pts)

- The AIM interface is straightforward and in an organized fashion that is easy to comprehend.
- The learner found the material relevant and user-friendly.

(2) **Top 3 winners** shall be declared for each category based on the highest accumulated points among all judges.

(3) In case of a tie, the chairman of the board of judges shall break the tie.

(4) **Special Awards** shall also be given to each category, such as:

- **Best AIM Video Award** (*Judges' bet in Clarity and Delivery*)
- **Eagle Intervention of the Year** (*Judges' bet in Congruence and Replicability*)
- **Outstanding Achiever Award** (*Judges' bet in Usability and Functionality*)
- **Golden AIM Award** (*Judges' bet in Interface Organization*)

Event # 4: Matematikula
(Reference: Siyensikula Mechanics)

1. This competition is open to all Elementary, Junior, and Senior High School teachers from public schools in the region. Only individual entries are allowed.
2. The participants must discuss a difficult topic under the Elementary, Junior, and Senior High School Learning Mathematics and Engineering Continuum in a clear, creative, and engaging manner through a video presentation that is not more than three (3) minutes. The participants shall discuss the topic in English.
3. All contents in the video must be original and are owned by the participant. Entries may include personal experiences and reflective observations. Videos must reflect that the participant has carefully examined the topic.



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4. All creative visual tools such as animations, simulations, physical demonstrations, or visual aids are allowed. However, participants must list and cite all of the resources used, including but not limited to images, audio, video clips, books, articles, etc. Use
5. public domain sites for your references and resources. Entries with photos and videos which are derivative works will automatically be disqualified.
6. Each Division may send a maximum of two (2) official entries to the Regional *Mathematikula* Competition. The Schools Division Superintendent should properly endorse them through an endorsement letter on or before the deadline of submission in the Regional Level on the date specified in the memorandum.
7. Entries must be submitted via email with a subject format: **MATHEMATIKULA_NAME OF THE DIVISION_VIDEO TITLE.**
8. The email should include (1) the name of the participant, (2) a Youtube video link attachment of the video entry, and (3) a pdf file of the video script along with the references following the Chicago Manual of Style. Non-submission of any of the required documents of the competition entry will automatically be disqualified.
9. Manner of Judging Process:
 - a. PEER-TO-PEER REVIEW (1st stage). The Peer-to-Peer Review is the first phase of judging. Entries will be reviewed and scored by at least five (5) other contestants. The Peer-to-Peer review process is an educational experience and desires with good faith in providing an honest and sincere assessment of the Peer's Entries. Judging will be based on the Rubrik's.
 - a.1 In the selection of Peers.
 - a.1.1 Random/Draw lots, cx. Entry 1 will pick five pcs of papers in a box containing the assigned number of the participants, the same process will be done on the succeeding participant
 - a.1.2 The contest committee will appoint the Peers who will review the entries of other participants.
 - b. POPULAR VOTE (2nd Stage) – The Popular Vote invites the public to participate in the Judging Process for the *Mathematikula* through the official Facebook page of the Department of Education. The Popular Vote Entry with the highest combined total Likes, Shares, and Positive Reactions (like, Love, Haha, Wow) on the video's original



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post on the DepEd official Facebook page. The top-scoring Popular Vote Entry will receive special recognition for this accomplishment.

- c. **EVALUATION AND SELECTION COMMITTEE REVIEW (Final Stage)** – The Evaluation and Selection Committee will review and score all the video entries based on the criteria stipulated in the memorandum (Enclosure).
10. The evaluation results of the Committee are independent of the result of the Peer-to-Peer Evaluation and the Popular Vote.
11. The entry with the highest score in the **FINAL STAGE** shall be the Champion and will be given medal and certificate, and same will be given to the other two or four.
12. All the winning entries will receive certificates and be posted in the official Regional Memorandum, Gazettes, and other Regional Official Digital Platform.

MATEMATIKA – RUBRIC EVALUATION TOOL

CRITERIA	POINTS					
	0	1	2	3	4	5
ENGAGEMENT	Failed to establish engagement and did not hold viewer's attention.	Somewhat interesting but did not hold viewer's attention for the entire length of the video.	Fairly interesting and held viewer's attention for the entire length of the video.	Interesting and viewer felt engaged throughout the video, viewers was excited to see what would come next.	Very interesting and throughout the video, viewer was excited to see what would come next.	Captivating and made the viewer want to watch other videos made by the entrant.
CREATIVITY	No elements of the video demonstrated a creative approach to explaining the subject matter.	The explanation was standard and contained one or two resourceful elements.	Parts of the video used creative approaches that made those parts of the explanation Stronger.	Many parts of the video took an unorthodox approach to explaining the subject matter, which made the overall explanation stronger.	The entrant implemented a creative approach throughout the entire video that helped the viewer understand the subject matter.	Video provided an inventive approach that should be used to teach this subject matter.
DIFFICULTY	Subject Matter is typically	Subject Matter is	Subject Matter is typically	Subject Matter is	Subject Matter is	Subject Matter is



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	covered at the Elementary School Level.	typically covered at the Junior High School Level.	covered at the middle School Level, but the video expands upon more complex areas of the subject matter.	typically covered at the High School Level.	typically covered at the advanced High School Level or Early College Level.	typically covered at the advanced College Level or Higher.
ILLUMINATION	Failed to explain the subject matter clearly; video did not help viewer to understand the subject matter.	Explanation was at times confusing, and viewer was not able to understand much of the subject matter.	Explanation was fairly clear but covered only general concepts.	Explanation was clear and covered some topics beyond general concepts.	Explanation was very clear and covered many topics beyond general concepts.	Viewers was able to fully understand the explanation, and video provided a deep dive into the intricacies of the subject matter.
TOTAL POINTS						



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Enclosure 2

Program of Activities

REGIONAL MATHEMATICS VIRTUAL SUMMIT 2021

Activity	Date and Schedule
Submission of Entries	November 15-17, 2021
Planning Conference with Supervisors	November 18, 2021
Planning Conference with TWGs	November 19, 2021
Orientation of the participants	November 22, 2021
Pre-Judging of Entries and conduct of the technical run	November 23, 2021
Conduct of the Activity	November 24-26, 2021



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REGION XI
SCHOOLS DIVISION OF DIGOS CITY

OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT
DIVISION MEMORANDUM
No. 618, s. 2021

October 25, 2021

**CONDUCT OF SY 2021-2022 DIVISION MATHEMATICS VIRTUAL SUMMIT AND
THE PREPARATION FOR THE PARTICIPATION TO REGIONAL
MATHEMATICS VIRTUAL SUMMIT 2021**

To: Chief, Curriculum Implementation Division
Chief, School Governance and Operations Division
Education Program Supervisors
Public Schools District Supervisors
Public Elementary and Secondary School Heads
Public Elementary and Secondary School Teachers

1. In reference to the implementation of the Division Education Development (DEDP), this office informs the field that the **SY 2021-2022 Division Mathematics Virtual Summit** will be conducted on November 9 to 12, 2021 with the theme “Mathematics is a breeze. Going back to basics”.
2. This activity is aimed to:
 - a. awaken greater interest in Mathematics among elementary, junior high school, and senior high school learners in the division;
 - b. challenge the learners to strive for mathematical excellence;
 - c. empower mathematical talents with awards and recognition for them to serve as models to the youth;
 - d. challenge Mathematics teachers to be at their best in doing the digitalized strategic intervention materials and *mathematikula*.
 - e. enhance teacher-coaches’ skills and strategies in mathematics teaching and coaching for both online mathematics quiz and graphing calculator manipulations video contest;
 - f. showcase teachers’ skills on the development of digitalized strategic intervention materials in Mathematics; and
 - g. encourage teachers to participate in *mathematikula*.
3. Each public school is encouraged to participate in at least one (1) event in any of the following:
 - a. Event 1 – Online Division Math Quiz
 - b. Event 2 – Graphing Calculators Video Contest
 - c. Event 3 – Digitalized Strategic Intervention Materials in Mathematics
 - d. Event 4 – *Mathematikula*



4. The matrix below is the timeline for the preparatory activities of SY 2021-2022 Division Mathematics Virtual Summit and the Preparation for the Participation to the Regional Mathematics Virtual Summit 2021.

No.	Activities	Venue	Date	Persons Involved	Materials to Prepare
1	Planning Conference with Numeracy Skills Enhancement Team (NSET) and Technical Working Group (TWG)	Online	October 26, 2021 (Tuesday) at 1:30 pm	Numeracy Skills Enhancement Team (NSET) and Technical Working Group (TWG)	Powerpoint presentation and guidelines and mechanics for the 4 events
2	District/School Level Mathematics Virtual Summit	Online	4 th week of October 2021	District/School Level Teachers/ Learners	Ppt presentation and other materials
3	Pre-registration of participants to the different events	Online	October 27, 2021 (Wednesday) at 8:00 am to October 29, 2021 (Friday) at 5:00 pm	IT Team, Teachers, Coaches, PSDSs, and Division EPS-Math	MS/Google Forms
4	Online Division Math Quiz Pilot Test / Orientation of Events to the Participants and Coaches	Online	November 4, 2021 (Thursday)	Technical Working Group for Mathematics Quiz Bee, EPS-Math	Powerpoint Presentation with 3 to 5 questions per grade level from Grades 4 to 11/12 using Quizizz, Guidelines of all Events
5	Tech Run of Technical Working Group for the Opening Program	Face-to-face, Ramon Magsaysay CES	November 5, 2021 (Friday) at 1:00 pm	Technical Working Group, EPS-Math	Technicals
6	SY 2021-2022 Division Mathematics Summit 2021	Online	November 9 to 12, 2021	NSET, Event Heads, Overall Event Head, TWG, IT Team, Judges	All Events Materials
7	Coaching/Provision of Technical Assistance of Winning Participants	Online	November 13 to 22, 2021	Event Chair, Co-Chairs/Members, Overall Event Head, EPS-Math, Participants	Events Materials
8	Sneak Preview of the (1) Graphing Calculator Video Contest, (2) Digitalized Strategic Intervention Materials, and (3) <i>Mathematikula</i>	Face-to-face, Ramon Magsaysay CES	November 15, 2021 (8:00 am to 5:00 pm)	Event Chair, Co-Chairs/Members, Overall Event Head, EPS-Math, Participants	Entry videos for graphing calculator and <i>mathematikula</i> , DSIMs, DLP, sound system

5. The participants of the above-mentioned preparatory activities are the members of the Numeracy Skills Enhancement Team and the Technical Working Group. Participants are required to register to the link which will be provided later in compliance to OUA MEMO 00-2020-0164 also known as Precautionary Guidelines on the Conduct of Online Meetings. To ensure confidentiality of the sensitive issues that may be brought up in the scheduled virtual conferences, only those who are pre-registered can join the conference.
6. The schedule of events for SY 2021-2022 Division Mathematics Virtual Summit including the conduct of the opening program shall be as follows:

No.	Events	Categories / Invited Participants	Modality / Platform	Date/Time
1	Opening Program	All teachers and learners in Digos City are invited	Online/ Live via DepEd Tayo Digos City	November 9, 2021 from 8:00am to 12:00nn
2	Online Division Mathematics Quiz	Grades 4 to 10 learners and Grade 11/12 (with one category only)	Online/ Google Meet	Elementary Level: November 9, 2021 from 1:00pm to 5:00pm Secondary Level: November 10, 2021 from 8:00am to 12:00nn
3	Graphing Calculators Video Competition	One category for JHS and another category for SHS	Online/ Google Meet	November 10, 2021 from 1:00pm to 5:00pm
4	Digitalized Strategic Intervention Materials in Mathematics	Elementary, junior high school, and senior high school teachers	Online/ Google Meet	November 11, 2021 from 8:00pm to 12:00nn
5	<i>Mathematikula</i>	Elementary, junior high school, and senior high school teachers	Online/ Google Meet	November 11, 2021 from 1:00pm to 5:00pm
6	Closing Program and Its Preparation	All teachers and coaches	Online/Live via DepEd Tayo Digos City	Preparation: November 12, 2021 from 8:00am to 12:00nn Closing Program: November 12, 2021 from 1:00pm to 3:00pm

7. Judges of the events are indicated as follows:

No.	Events	Name of Judges
1	Graphing Calculators Video Competition	Dr. Emmanuel P. Abuzo, Ms. Lisley Jane Reyes, and Dr. Jem Boy B. Cabrella
2	Digitalized Strategic Intervention Materials in Mathematics	Dr. Ivy F. Solano, Dr. Emmanuel P. Abuzo, Mary Lisley Jane Reyes, Mr. Xavier S. Fuentes, and Ms. Myleen C. Robiños
3	<i>Mathematikula</i>	Dr. Ivy F. Solano, Dr. Emmanuel P. Abuzo, Mary Lisley Jane Reyes, Mr. Xavier S. Fuentes, and Dr. Angel V. Bisaga

8. Attached herewith are the following:
 - a. Enclosure 1 – Committees and Technical Working Group
 - b. Enclosure 2 – Guidelines and Mechanics of the Four (4) Events During the Division Mathematics Virtual Summit
 - c. Enclosure 3 – Program Flow
9. Meals and snacks will be served during the face-to-face Sneak Preview of the (1) Graphing Calculator Video Contest, (2) Digitalized Strategic Intervention Materials, and (3) *Mathematikula* for the provision of technical assistance. However, only snacks will be served during the face-to-face Tech Run of Technical Working Group for the Opening Program. Both activities are conducted at Ramon Magsaysay Central Elementary School.
10. Expenses incurred in attendance to this activity shall be charged to the following:
 - a. School MOOE – for meal and internet connection expenses of teacher- and student/pupil-participants (meal for face to face)
 - b. Division MOOE – for meal expenses of Division personnel participants (if face to face)
11. Immediate dissemination of this Memorandum is earnestly desired.


CRISTY C. EPE

Schools Division Superintendent

