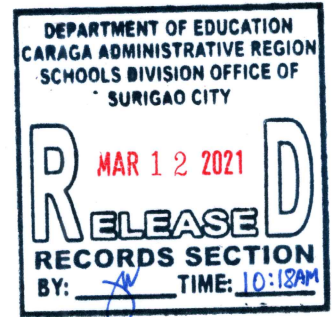




Republic of the Philippines
Department of Education
REGION XIII – CARAGA
SCHOOLS DIVISION OFFICE OF SURIGAO CITY



March 11, 2021

DIVISION MEMORANDUM

No. 071, s. 2021

To : Assistant Schools Division Superintendent
SGOD & CID Chiefs
Secondary School Heads
Grade 9 Mathematics Teachers
This Division

**DIVISION TRAINING WORKSHOP FOR GRADE 9 MATHEMATICS TEACHERS
ON PROOF WRITING TO ENHANCE TEACHING**

1. Reasoning and proving are few of the skills expected of a learner under the Grade 9 Mathematics Curriculum. The idea of proof is an essential thing in mathematics. It enables learners to test the implication of ideas, thus enabling the relationship of the ideas and leading to discovery of new knowledge. Hence, teachers need flexible content knowledge of reasoning and proof that will allow them to identify mathematical resources that are crucial for learners' engagement in proofs and organize their instruction accordingly.
2. It is for the above cited reason that Mr. John Benedict B. Entrada of Ipil National High School is conducting a research entitled "Content Knowledge of Grade 9 Mathematics Teachers on Mathematical Proofs" funded under the Basic Education Research Fund (BERF).
3. The division supports his endeavor by conducting a training workshop which aims to capacitate the participants on the methods of proof writing on the following contents:
 - a. Theorems on Different Parallelograms;
 - b. The Midline Theorem;
 - c. Theorems on Trapezoids and Kites;
 - d. Theorems on Similarity of Triangles; and
 - e. The Pythagorean Theorem



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4. The schedule of activities and venues are identified in the succeeding box.

	Activity	Date	Venue
1	Preliminary Conference (To be attended by the management team & all participants.)	March 19, 2021 (1:00 – 5:00 PM)	Special Science Elementary School
2	Training Workshop Proper	April 7 - 9, 2021 (8:00 – 5:00 PM)	Division Library Hub, NAMCES Compound Amat St., Surigao City

5. Participants are requested to bring a copy of their respective school's MPS and Least Learned Competencies Report for SY 2019-2020 on March 19, 2021 during the preliminary conference.
6. Attached are the Training Matrix (Enclosure 1), Opening and Closing Programs (Enclosure 2), and the List of Participants (Enclosure 3).
7. For information and guidance.


KAREN L. GALANIDA, PhD, CESO V
Schools Division Superintendent

Encl: as stated

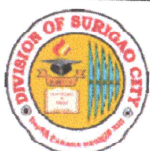
To be indicated in the Perpetual Index under the following subjects:

LEARNING & DEVELOPMENT

MATHEMATICS

TRAINING

WORKSHOP



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DepED Surigao City Division Memorandum No. 071 , s. 2021

Enclosure 1 – Division Training Workshop for Grade 9 Mathematics Teachers on Proof Writing to Enhance Teaching

TRAINING MATRIX

Day 1 April 7, 2021		Day 2 April 8, 2021		Day 3 April 9, 2021	
Time	Activity	Time	Activity	Time	Activity
8:00 – 8:30 AM	Opening Program	8:00 – 8:30 AM	Management of Learning	8:00 – 8:30 AM	Management of Learning
8:30 – 12:00	Topic: Theorems of Different Kinds of Parallelograms	8:30 – 12:00	Topic: Theorems on Similarity of Triangles	8:30 – 12:00	Topic: The Pythagorean Theorem
12:00 – 1:00 PM	Noon Break	12:00 – 1:00 PM	Noon Break	12:00 – 1:00 PM	Noon Break
1:00 – 4:30 PM	Topic: The Midline Theorem and Theorems on Trapezoids and Kites	1:00 – 4:30 PM	Topic: Theorems on Similarity of Triangles	1:00 – 2:00 PM	Conduct of Posttest
4:30 – 5:00 PM	Reflection	4:30 – 5:00 PM	Reflection	2:00 – 5:00 PM	Closing Program



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DepED Surigao City Division Memorandum No. 071 , s. 2021

Enclosure 2 – Division Training Workshop for Grade 9 Mathematics Teachers on Proof Writing to Enhance Teaching

OPENING PROGRAM

National Anthem	Multi-Media
Opening Prayer	
Acknowledgment of Participants, Facilitators & Management Team	Noemi D. Lim, PhD Education Program Supervisor
Words of Welcome	Florence E. Almaden, CESO VI Asst. Schools Division Superintendent
Statement of Purpose	Carlo P. Tantoy Chief, CID
Message	Karen L. Galanida, CESO V Schools Division Superintendent
Orientation on the Mechanics of the Training	John Benedict B. Entrada, Teacher II Ipil National High School
Training Proper	

CLOSING PROGRAM

Nationalistic Song	Multi-Media
Impression	
Words of Challenge	Karen L. Galanida, CESO V
Awarding of Certificates	Schools Division Superintendent
Closing Prayer	Multi-Media

Host:

NICOLAS E. CRISPO, JR.
Wilfredo D. Rafols Memorial National High School



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DepED Surigao City Division Memorandum No. 071 , s. 2021

Enclosure 3 – Division Training Workshop for Grade 9 Mathematics Teachers on Proof Writing to Enhance Teaching

LIST OF PARTICIPANTS

	Name of Participants	School
1	Riza T. Comendador	Alegria National High School
2	Joan S. Lesaca	Anomar National High School
3	Reymark D. Marte	Cantiasay National High School
4	Myrna B. Conol	Caraga Regional Science High School
5	Ariel C. Badana	Cabrera-Altres National High School
6	Jojie J. Miao	Capalayan National High School
7	Jerelou Javier-Penera	Day-asan National High School
8	Jean S. Sual	Ipil National High School
9	Roda L. Bagnas	Juan P. Cedro Memorial National High School
10	Allaizza Mae R. Lisondra	Libuac National High School
11	Andrew G. Dagaas	Lipata National High School
12	Anmarjorie S. Bullo	Manjagao National High School
13	Mary Jean G. Pendijeto	Mat-I National High School
14	Melinda D. Juyad	Nonoc National High School
15	Anna Lou A. Ansit	Patricio A. Mabini National High School
16	Mary Grace P. Andoy	Rizal National High School
17	Brenda I. Parpan	San Jose National High School
18	Bryan Jamera	Surigao City National High School
19	Geniviv T. Calubag	Surigao City National High School
20	Ariel A. Calvara	Surigao City National High School
21	Reynaldo G. Ocon	Surigao City National High School
22	Marlyn Astillo	Surigao City National High School
23	Chona B. Armada	Taft National High School
24	Engelbert Predog	Taft National High School
25	Jenalyn D. Montalbo	Talisay National High School
26	Nicolas E. Crispo, Jr.	Wilfredo D. Rafols Memorial National High School
27	Ian Jay D. Requina	Zaragosa National High School



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Handwritten signature