



Republic of the Philippines
Department of Education
REGION I
SCHOOLS DIVISION OFFICE OF PANGASINAN II

Office of the Schools Division Superintendent

October 23, 2023

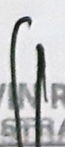
DIVISION MEMORANDUM

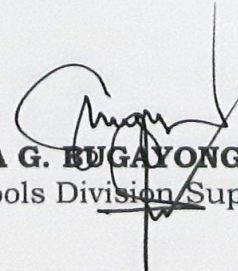

No. 518, s. 2023

**DIVISION TRAINING WORKSHOP ON ENHANCING THE MATHEMATICAL
PROBLEM-SOLVING SKILLS OF ALS TEACHERS**

To: Public Schools District Supervisors
Secondary and Elementary School Heads
All Others Concerned

1. The new **ALS K to 12 Curriculum (ALS 2.0)** was developed to provide the blueprint for enhanced ALS. One of the learning strands is the Mathematical and problem-solving skills which are considered one of the foundational competencies in the ALS K to 12 Program.
2. To upskill ALS teachers' problem-solving skills, SDO Pangasinan II through the Curriculum and Implementation Division (CID) will conduct the **Division Training Workshop on Enhancing the Mathematical Problem-Solving Skills of ALS Teachers** on November 20-22, 2023 at Math Excellence Academy of Binalonan, Binalonan, Pangasinan.
3. This training workshop aims to enhance the participant's knowledge, skills, and attitude toward teaching problem-solving in Mathematics to achieve better learners' performance.
4. Attached is the list of participants (Enclosure 1), the Technical Working Group (Enclosure 2), and the Training Matrix (Enclosure 3).
5. Travel expenses in this training shall be charged to the School MOOE/Local Funds subject to the usual accounting and auditing rules and regulations.
6. Immediate and wide dissemination of this memorandum is enjoined.

APPROVED FOR TRANSMISSION:

ARVIN R. PURISIMA
ADMINISTRATIVE OFFICER V


LORNA G. BUGAYONG PhD, CESO V
Schools Division Superintendent 

LIST OF PARTICIPANTS

No.	Name	District
1	Mariwin R. Lingad	Manaoag District I
2	Evelyn F. Portento	Manaoag District I
3	Mark Anthony B. Soriano	Manaoag District II
4	Jerry L. Moulic	Mangaldan District I
5	Marilyn A. Salinas	Mangaldan District I
6	Rap Rap P. Panelo	Mangaldan District I
7	Aurea I. Prado	Mangaldan District II
8	Marilou P. De Leon	Mangaldan District II
9	Jocelyn A. Edic	San Fabian District I
10	Jonathan J. Jugo	San Fabian District I
11	Aurora M. Fabia	San Fabian District I
12	Jomar A. Malasan	San Fabian District II
13	Jennifer P. Biasura	San Fabian District II
14	Jennica D. Cruz	San Jacinto District
15	Lessie E. Laguit	San Jacinto District
16	Ma. Teresa T. Libao	Binalonan District I
17	Joselito G. Nuñez	Binalonan District I
18	Maria Cristina A. Prado	Binalonan District I
19	Shirley I. Laroya	Binalonan District II
20	Romeo Arcangel	Binalonan District II
21	Analiza G. Castillo	Binalonan I District I
22	Gemma C. Matias	Laoac District
23	Armando D. Tabelin	Laoac District
24	Jasmine R. Velasco	Laoac District
25	Romina D. Ibaan	Pozorrubio District I
26	Sonny C. Ibaan	Pozorrubio District I
27	Marvilou A. Tabongbong	Pozorrubio District I
28	Jonathan L. Matias	Pozorrubio District II
29	Rena Marie S. Carganilla	Pozorrubio District II
30	Juvilla A. Batrina	Pozorrubio District II
31	Ma. Justerine L. Frutas	Sison District
32	Cristita W. Quisia-an	Sison District
33	Carl Ann Y. Mitrado	Sison District
34	Mylene A. Patayan	Sison District
35	Mary Jane D. Pre	Asingan District I
36	Ramjek J. Bueno	Asingan District I
37	Myra L. Moselina	Asingan District II
38	Cresencia P. Fernandez	Asingan District II
39	Angelito L. Jacob	San Manuel District
40	Analiza L. Jacob	San Manuel District
41	Hay-Joan B. Fernandez	San Manuel District
42	Rowena A. Natividad	Sta. Maria District
43	Rebecca L. Dela Cruz	Sta. Maria District
44	Meena B. Perez	Sta. Maria District
45	Marian Stephanie Claire C. Ng	Villasis District I

No.	Name	District
46	Evajene B. Silvestre	Villasis District I
47	Rowena M. Tino	Villasis District II
48	Analiza V. Orpilla	Villasis District II
49	Jay Jay O. Honorato	Natividad District
50	Raymundo A. Malapit	Natividad District
51	Elvis C. Ibera	Natividad District
52	Eva Nilda C. Luzano	San Nicolas District I
53	Medelita V. Doton	San Nicolas District I
54	Marichan S. Ignacio	San Nicolas District I
55	Jenny T. Bibat	San Nicolas District II
56	Ofemia D. Carilla	San Nicolas District II
57	May Farrah M. Agyapas	San Nicolas District II
58	Laarni G. Dela Cruz	San Quintin District
59	Cedrick L. dela Cruz	San Quintin District
60	Rommel J. Oximer	Tayug District I
61	Manolito A. Castillo	Tayug District I
62	Benjie V. Danao	Tayug District II
63	Josephine D. Olivar	Tayug District II
64	Nympha Y. Bait	Umingan District I
65	Marlin P. Acosta	Umingan District I
66	Manuel P. Catalan	Alcala District
67	Rosalie C. Alberto	Alcala District
68	Ma. Victoria Guevarra	Alcala District
69	Edwin O. Peralta	Balungao District
70	Belinda A. Peralta	Balungao District
71	Ma. Arcion B. Aguado	Bautista District
72	Jesusa Laura G. Pauco	Bautista District
73	Riza N. Casingal	Bautista District
74	Concepcion B. Fonacier	Rosales District I
75	Florida M. Garcia	Rosales District I
76	Mary Grace S. Fajardo	Rosales District II
77	Romil G. Corpuz	Rosales District II
78	Perlita C. Suyat	Rosales District II
79	Marilou A. Morta	Sto. Tomas District
80	Hertrudes G. Villar	Sto. Tomas District
81	Donald L. Pacheco	Umingan District II
82	Christopher E. Galleguez	Umingan District II
83	Liberty A. Peralta	Umingan District II
84	Vilma D. Dagohoy	BPOSA-Mangaldan NHS
85	Minnie D. Gotomanga	BPOSA-Mangaldan NHS
86	Analiza C. Riva	BPOSA-Mangaldan NHS
87	Analiza A. Erestingcol	BPOSA-Mangaldan NHS
88	Jim Pablico	SALSC-Rosales NHS
89	Glynez L. Prado	SALSC-San Jacinto NHS
90	Lerma V. Aboc	SALSC-Tayug NHS

RESOURCE SPEAKERS AND TECHNICAL WORKING GROUP

No.	Name	Position	School/Station
1	MIKE D. DACASIN	EPS	SDO Pangasinan II
2	FLORNELOVE R. OPINIANO	MT II	San Quintin NHS
3	WILMARIE M. PEDUCA	HT III	Amagbagan IS
4	ARNOLD P. MONTEMAYOR	HT III	Juan G. Macaraeg NHS
5	ALJON C. TOMELDAN	SST II	Bugayong IS
6	EDEN R. BARROGA	MT I	TAYUG NHS
7	MINNIE G. GOTOMANGA	T III	MANGALDAN NHS
8	MARITESS P. TABUBUCA	T III	Manaoag NHS
9	JHONA D. CAPALTO	T III	Juan G. Macaraeg NHS
10	JOY R. MENDOZA	T III	Alibeng NHS
11	HERO O. LAGUIT	MT I	Asan Sur ES
12	JONATHAN A. GEVERO	MT I	Antonio P. Villar NHS
13	MANDY O. CASIMERO	HT III	San Quintin NHS
14	MARK ANTHONY B. SORIANO	MT I	Manaoag Dist II
15	JONATHAN O. CONDES	MT I	San Jacinto NHS

TRAINING MATRIX

Day 1

Time	Duration	Session	Learning Facilitator/ In-charge
7:00-8:00	60 minutes	Arrival/Registration	
8:00-9:00	60 minutes	Opening Program Orientation of the Training Program Introduction of Participants Welcome Remarks Messages Statement of Purpose Program Matrix Leveling of expectations Pretest (pen and paper)	PMT
9:00-9:15	15 minutes	Health Break	
9:15-10:40	85 minutes	Session 1: Solving Simple Mathematical Problems with the Use of Correct Mathematical Symbols (+, -, x, ÷) Problem Solving Using Multiple Steps Involving Four Fundamental Operations	JOY R. MENDOZA T-III, ALIBENG NHS
10:40-12:00	80 minutes	Session 2: Problem Solving Involving Direct Proportion, Partitive Proportion and Inverse Proportion in Different Contexts Such as Distance, Rate and Time Using Appropriate Strategies and Tools	HERO O. LAGUIT MT-I, Asan Sur ES
12:00-1:00	60 minutes	Lunch Break	
1:00-2:45	105 minutes	Session 3: Solving Daily Life Problems Involving Percent and Percentages	MARITESS P. TABUBUCA T-III, Manaoag NHS
2:45-3:00	15 minutes	Health Break	
3:00-4:45	105 minutes	Session 4: Solving Daily Life Problems Involving Addition and Subtraction of Integers	MINNIE G. GOTOMANGA T-III, Mangaldan NHS

Day 2

Time	Duration	Session	Learning Facilitator/In-charge
7:00-7:45	45 minutes	Arrival/Registration	PMT
7:45-8:00	15 minutes	MOL	PMT
8:00-9:45	105 minutes	Session 5: Problem Solving on Whole Numbers Involving More than Two Operations Using PEMDAS or GEMDAS Rule	JHONA D. CAPALTO T-III, Juan G. Macaraeg NHS
9:45-10:00	15 minutes	Health Break	
10:00-12:00	120 minutes	Session 6: Performs Operations Dealing with Absolute Values, Applied in Real-Life Problems	JONATHAN O. CONDES MT-I, San Jacinto NHS
12:00-1:00	60 minutes	Lunch Break	
1:00-2:45	105 minutes	Session 7 Worded Problems on Angle of Elevation and Angle of Depression	EDEN R. BARROGA PhD MT-I, Tayug NHS
2:45-3:00	15 minutes	Health Break	
3:00-4:45	105 minutes	Session 8: Problem Solving Involving Oblique Triangles	WILMARIE M. PEDUCA, PhD HT-III, Amagbagan IS

Day 3

Time	Duration	Session	Learning Facilitator/In-charge
7:00-7:45	45 minutes	Arrival/Registration	PMT
7:45-8:00	15 minutes	MOL	PMT
8:00-10:00	120 minutes	Session 9: Application of Trigonometric Ratios, Law of Sines and Cosines in real-life situations	JONATHAN A. GEVERO PhD MT-I, Antonio P. Villar NHS
10:00-10:15	15 minutes	Health Break	
10:15-12:00	105 minutes	Session 10: Problem Solving Involving Area and Perimeter of Geometric Figures	MIKE D. DACASIN EdD EPS, SDO Pangasinan 2
12:00-1:00	60 minutes	Lunch Break	
1:00-3:00	120 minutes	Session 11: Problem Solving on Volume of Solids	FLORNELOVE R. OPINIANO MT-II, San Quintin NHS
3:00-3:15	15 minutes	Health Break	
3:15-5:00	105 minutes	CLOSING PROGRAM	PMT