Republic of the Philippines
Department of Education
REGION VIII
SCHOOLS DIVISION OF NORTHERN SAMAR

September 2, 2026

DIVISION MEMORANDUM
No. 372, s. 2026

PROFESSIONAL DEVELOPMENT PROGRAM FOR TEACHERS ON STRENGTHENING CONTENT AND PEDAGOGICAL COMPETENCIES IN READING, SCIENCE, AND MATHEMATICS

To: Assistant Schools Division Superintendent
CID and SGOD Chief Education Supervisors
Education Program Supervisors
Public Schools District Supervisors/Principals In-Charge
Public Elementary and Secondary School Heads
Public Elementary and Secondary Teachers
All Others Concerned

1. In support of providing relevant and quality-assured continuing professional development of teachers, this Schools Division—through the School Governance and Operations Division-Human Resource Development Section (SGOD-HRDS) and the Curriculum Implementation Division (CID)—shall conduct the **Professional Development Program for Teachers on Strengthening Content and Pedagogical Competencies in Reading, Science, and Mathematics** with **12 CPD Credit Units** on September 10-13, 2026 at Ciriaco Hotel and Resort, Calbayog City.

Arrival is on September 10, 2026, morning and departure from the venue is on September 13, 2026, morning. All Participants, Resource Persons, and Program Management Teams shall be at the venue by lunch time on Sept 10.				
	Sept 10	**Sept 11**	**Sept 12**	**Sept 13**
AM Snacks	[redacted]	/	/	/
Breakfast		/	/	/
Lunch	/	/	/	[redacted]
PM Snacks	/	/	/	
Dinner	/	/	/	
Accommodation	/	/	/	

2. This activity generally aims to strengthen the content knowledge and pedagogical competencies of teachers in Reading, Science, and Mathematics to support the delivery of quality, relevant, and responsive instruction as part of the

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implementation of the In-Service Training (INSET) for Teachers. Specific training objectives are enclosed in this Memorandum.

3. Attached are the lists of participants, training matrix, and program management team per area. List of Participants for Mathematics will be issued in a subsequent Memorandum:

Annex A: Training on Strengthening Early Literacy Instruction Through the Science of Reading (SOR)

Annex B: A.I.M. High: Training on Advancing AI Mastery for Science Teachers

Annex C: MATH-UP: Enhancing Foundational Mathematics Teaching through Big Ideas, Responsive Pedagogy, and Assessment

4. All participants and members of the Program Management Team shall register through this link: **https://tinyurl.com/SDOLedINSETSept2026**.

5. All participants are reminded to be **present** in the entire duration of the training. Those unable to attend due to justifiable reasons must submit a formal letter addressed to the Schools Division Superintendent, specifying the name of their proposed replacement, at least three days before the conduct of the training program.

6. All participants shall bring **laptop** and extension cord.

7. Services rendered by teachers beyond regular work hours, including those rendered during weekends, holidays, and summer/long vacation, shall be subject to the grant of Vacation Service Credits (VSC) under DepEd Order No. 013, s. 2024, otherwise known as the Revised Guidelines on the Grant of Vacation Service Credits for Teachers. For non-teaching personnel, authorized services rendered beyond regular working hours, or during Saturdays, Sundays, holidays, or scheduled days off, shall be credited as Compensatory Overtime Credits (COC) and may be availed of as Compensatory Time-Off (CTO), in accordance with CSC-DBM Joint Circular No. 2, s. 2004, as amended by CSC-DBM Joint Circular No. 2-A, s. 2005, subject to existing rules on approval, documentation, accrual, and utilization of COC/CTO.

8. This Memorandum serves as the Authority to Travel of all involved.

9. Expenses incurred relative to the conduct of the activity such as meals and snacks, supplies and materials, room accommodation, and professional fees of the invited Resource Persons outside of DepEd shall be charged against the HRTD/INSET Fund (Continuing and Current); while travel and other incidental expenses of all involved shall be charged against their respective School MOOE/Division/local funds subject to the usual accounting and auditing rules and regulations.

10. For information, dissemination, and guidance.

DepEd Northern Samar
RELEASED
08 SEP 2026

GAUDENCIO C. ALJIBE JR. PhD, CESO V
Schools Division Superintendent

Annex A

TRAINING ON STRENGTHENING EARLY LITERACY INSTRUCTION THROUGH THE SCIENCE OF READING (SoR)

Professional Development Program Description:

Every Key Stage 1 learner will develop strong foundational reading and numeracy skills, with proficient understanding of sound-symbol relationships and language expression, through evidence-based, systematic instruction aligned with the Science of Reading."

The division envisions equitable access to structured literacy materials, consistent teaching practices, and collaborative support systems to ensure all early learners build the competencies needed for long-term academic success.

Results objective: By the end of SY 2026-2027, KS1 learners will improve in foundational reading skills- specifically phonemic awareness, decoding and reading fluency-with at least 25% improvement in CRLA and classroom formative assessments results and a corresponding 30% reduction in the number of identified Low Emerging learners. This will be achieved through the consistent implementation of explicit, systematic, and evidence-based reading instruction through the implementation of daily Science of Reading-aligned routines and enhanced teacher capacity via re-orientation, SLAC sessions and coaching.

Application objective: Back in the workplace, the participants should have effectively deliver evidence-based, Science of Reading-aligned instructional strategies and daily routines in classroom teaching to effectively enhance learners' phonemic awareness, decoding, and reading fluency.

Terminal objective:
At the end of the program, participants shall be able to design and implement SoR-Based lesson plans that integrate the Big Six of Reading.

Enabling objectives: Specifically, at the end of each session, the participants shall have:
a. demonstrated understanding of key concepts and principles of the Science of Reading and their application in foundational skill development;
b. acquired and practiced specific teaching techniques, activities, and assessment tools for phonemic awareness, decoding, and fluency; and
c. developed or adapted lesson plans and classroom routines aligned with evidence-based practices to address the needs of diverse learners, including Low Emerging readers.

LIST OF PARTICIPANTS

TRAINING ON STRENGTHENING EARLY LITERACY INSTRUCTION THROUGH THE SCIENCE OF READING (SOR)

DISTRICT:	NO	NAME	SCHOOL
CLASS A			
ALLEN I	1	MAYDELYN CERBITO	LONDRES ES
	2	RYAN M. CABILI	ALEJANDRO ES
	3	QUEENIE E. MONDIGO	PILI ES
ALLEN II	4	GERTHRUDE C. RAPSING	CABACUNGAN ES
	5	DYNA Z. ALMAZAN	LAGUNDI ES
	6	AVEGAIL A. MENDOZA	CALARAYAN ES
BOBON	7	CHERRY ANN BATULA	EDURAN ELEMENTARY SCHOOL
	8	RACHELLE G. MADEJA	SAN ISIDRO ELEMENTARY SCHOOL
	9	ABIGAEL P. TERMO	SANTANDER ELEMENTARY
	10	TRISHALEEN D. ESTILLER	
CAPUL	11	GLAIZA M. SAN PEDRO	JUBANG ELEMENTARY SCHOOL
	12	LORIELYN M. BULAN	SAWANG ELEMENTARY SCHOOL
	13	MAYOLYN C. OMBROG	JUBANG ELEMENTARY SCHOOL
CATARMAN I	14	MARICEL A. YRIGAN	GALUTAN ES
	15	ESTELA A. MINGOLLO	CATARMAN SPED CENTER
	16	FAMELA ALAMAN	BAYBAY ES
	17	MICHELLE TURBANADA	BAYBAY ES
	18	ROSIE O. POSO	CATARMAN I CES
CATARMAN II	19	ROCHELLE ANN ACEDERA	TINOWARAN ES
	20	JUNE MORA	CATARMAN II SCHOOL
	21	GEM GRACE MIQUIABAS	WASHINGTON ELEMENTARY SCHOOL
CATARMAN III	22	LIZA DELORINO	GENEROSO R. FRIGILLANA MEMORIAL SCHOOL
	23	GINA ARNINO	GENEROSO R. FRIGILLANA MEMORIAL SCHOOL
	24	JIZELLE JEM PASINIO	DAGANAS ELEMENTARY SCHOOL
CATARMAN IV	25	MARY JANE L. BALLETA	CAWAYAN INTEGRATED SCHOOL
	26	MICHELL O. SEDARIA	CAWAYAN INTEGRATED SCHOOL
	27	GRACE A. MILA	MCKINLEY ELEMENTARY SCHOOL
CATARMAN V	28	ERICA MITCHIE L. CARPILA	CABAYHAN ELEMENTARY SCHOOL
	29	ANGELYN M. POLPERO	SOMOGE ELEMEMTARY SCHOOL
	30	REGENE O. PANTUA	CERVANTES ELEMENTARY SCHOOL
	31	REGENE O. PANTUA	CERVANTES ELEMENTARY SCHOOL
CATARMAN VI	32	MARIE D. SAURO	GIBULWANGAN ES
	33	JEAN BALLETA	TRANGUE ES
	34	ARIEL CARDENAS	QUEZON ES
CATUBIG I	35	JULIE NEL G. OPENIANO	CATUBIG 1 CENTRAL ELEMENTARY SCHOOL
	36	GINA Q. ALIDO	HIPARAYAN ELEMENTARY SCHOOL
	37	GEZYL M. TEPACE	MAG-ONGON ELEMENTARY SCHOOL
CATUBIG II	38	LEANNA MAE A. POSO	SAN ANTONIO ELEMENTARY SCHOOL
	39	JING JING M. PECZON	NAGOOCAN ELEMENTARY SCHOOL
	40	JULIE ANN M. YAMOGAN	OSANG ELEMENTARY SCHOOL
CATUBIG III	41	SYVEL R. JUSTINIANE	TONGODNON ES
	42	MARIFE M. MAPALA	NABULO ES

DISTRICT:	NO	NAME	SCHOOL
	43	MARY FLOR R. DANQUE	SAN FRAANCISCO ES
GAMAY I	44	MARIA ERICKA JIREHMAE M. PICARDAL	GAMAY EAST ES
	45	KIAN JAY L. OSAL	GAMAY WEST ES
GAMAY II	46	MARYJANE APOSTOL	HENOGAWE ES
	47	JUFFA C DULFO	GUIBWANGAN ES
	48	CECILIA C. ALPES	MALIDONG ES
LAOANG I	49	MYLINE D. BALUYOT	SUBA ES
	50	MAE JEAN ADARAYAN	ATIPOLO ES
	52	REZEL A. ESPINA	ATIPOLO ES
	53	KETHLEEN ISABEL G. IRINCO	CAGAASAN ES
LAOANG II	54	CRESILDA C. BALANQUIT	PM GETA MCES
	55	VILMA I. SABARRE	ONAY ELEMENTARY SCHOOL
	56	JENNY Q. ACIBAR	CAHAYAGAN ELEMENTARY SCHOOL
LAOANG III	57	RICHEL A. LIM	BURABUD ELEMENTARY SCHOOL
	58	ODESSA L. IRINCO	CANGCAHIPOS ELEMENTARY SCHOOL
	59	AGNES D. LEOMINAREZ	TALISAY ELEMENTARY SCHOOL
LAOANG IV	60	LAIDA M. MALBAS	MARUBAY ES
	61	JAMES MARK D. ACEBUCHE	TAN-AWAN ES
	62	GLADYS JOY P. DULA	PANGDAN ES
LAOANG V	63	JASON C. TALENJALE	CABAGNGAN ELEMENTARY SCHOOL
	64	JANE ANN S. CERDA	OLERAS ELEMENTARY SCHOOL
	65	MA. MANILYN B. DURIN	ABATON ELEMENTARY SCHOOL
LAPINIG	66	JESSACRES D. BALDOS	CAHAGWAYAN ES
	67	QUIRICO P. NALIC JR.	LO-OK ES
	68	GLYRA MAE E. BIANES	PIO DEL PILAR ES
	69	FERNANDO Q. AGDA, JR.	BAGACAY ES
LAS NAVAS I	70	JANETH G. OCINO	TAGAB-IRAN ES
	71	DENNY P. ODOSIS	DAPDAP ES
	72	JOAN C. YRUMA	ENOMAN ES
	73	MARIA DELMA C. OBIADO	SAG-OD ELEMENTARY SCHOOL
	74	MARICAR B. GUDGAD	HANGI ES
		JOCHEL E. TUBELLO	SAN JOSE ES
LAS NAVAS II	75	SARAH M. PIALAGO	BULAO ES
	76	JESSAROSE T. ROTAMOLA	SAN JOSE ELEMENTARY SCHOOL
CLASS B			
LAS NAVAS III	77	MARLITA T. LECTANA	CUENCO ELEMENTARY SCHOOL
	78	JESSA DANIELLE T. CABENIAN	VICTORY ELEMENTARY SCHOOL

DISTRICT:	NO	NAME	SCHOOL
	79	JENELYN P. ROMANCE	TAYLOR ELEMENTARY SCHOOL
LAVEZARES I	80	ARVIE JOY ORTIZ	VILLAHERMOSA ES
	81	MELVIN P. CASTILLO	CABURIHAN ES
	82	CAHERINE E. ACEDILLA	DATAG ES
LAVEZARES II	83	GERA ESPINA	URDANETA CENTRAL ES
	84	PINKY D. TINGKINGCO	SAN AGUSTIN ES
	85	WILMA S. JASMINEZ	LIBAS ES
LOPE DE VEGA	86	LILIANNE JILL BONDOC	MAGHIPID ES
	87	CHERYL C. ANO	GEN. LUNA ES
	88	MYZA HERNANDEZ	CURRY ES
	89	JENNIFER E. PAJARITO	SAN MIGUEL ES
	90	JELYN D. CAGORONG	GETIGO ES
	91	REO R. BALANQUIT	SAN JOSE ES
MAPANAS	92	MARIA G. TEJANO	MAPANAS CENTRAL ES
	93	MARVIN V. CALERA	MAPANAS CENTRAL ES
	94	NOEMI C. VALENZUELA	MAPANAS NORTH ES
	95	JANE ANGELICA LAGARTO	MAGTAON ES
MONDRAGON I	96	MYRNA P. MANUZON	STA. CATALINA ELEMENTARY SCHOOL
	97	GEMMA MUNCADA	SAN ISIDRO PRIMARY ELEMENTARY SCHOOL
	98	JACKYLYN ARGENIO	DONA LUCIA ELEMENTARY SCHOOL
MONDRAGON II	99	RENALYD L. VERTULFO	NENITA CS
	100	MARLYN G. CANTONG	CAGMANABA ES
	101	SHEINA CINCO	CAGMANABA ES
	102	JUANA B. DE GUIA	CRYSTAL MOUNTAIN ES
MONDRAGON III	103	SORAYA C. OLIVAS	BUGKO ES
	104	LERNA B. EDUSMA	BUGKO ES
	105	KARLA S. LAPUGOT	ROXAS ES
PALAPAG I	106	JHERA MAE E BARSOLASO	MARAGANO ELEMENTARY SCHOOL
	107	GRETCHEN ESPINOSA	BINAY ELEMENTARY SCHOOL
	108	JHONALYN Q FAJARDO	PALAPAG I CENTRAL ELEMENTARY SCHOOL
PALAPAG II	109	MARICEL P. BATULA	TINAMPO ELEMENTARY SCHOOL
	110	SANDRA M. VILLAR	DONA POMPOSA GORGONIA E.S.
	111	ANALYN R. GALONO	PANGPANG INTEGRATED SCHOOL
PALAPAG III	112	CLAIZA C. CAPATE	CAG-ANIBONG ES
	113	MA. LABLYN R. PONCE	CANONGHAN ES
	114	MARIAM S. TAN	BANGON ES
PAMBUJAN I	115	NENA B. GALLAMORA	PAMBUJAN I CENTRAL SCHOOL
	116	ELVIE P. CASTILLO	GEADGAWAN ES
	117	MANILYN C. SETENTA	MANAHAW ES
PAMBUJAN II	118	MARILOU C. ADAMERO	PANINIRONGAN ES
	119	MARY GRACE S. PORLAJE	TULA ES

DISTRICT:	NO	NAME	SCHOOL
	120	JOANNE ROSE A. LOBOS	INANAHAWAN ES
ROSARIO	121	MARY JOY L. BALLICUD	GUINDAULAN ES
	122	MARIBEL L. MIRANDA	ROSARIO CENTRAL ES
	123	MARICEL P. EVANGELISTA	BUENAVISTA ES
	124	EMIE E. TOBES	SALHAG ES
SAN ANTONIO	125	ARCHIE S. BARCO	RIZAL ELEMENTARY SCHOOL
	126	CHECHIE A. OLITAN	SALVACION ELEMENTARY SCHOOL
	127	CARLO R. GAYOL	DALUPIRIT ELEMENTARY SCHOOL
	128	JERALDIN D. OLANO	SAN ANTONIO INTEGRATED SCHOOL
SAN ISIDRO I	129	HANNACEL L. MAHINAY	SAN ISIDRO CENTRAL ES
	130	RYAN S. BENZON	BUENAVISTA ES
SAN ISIDRO II	131	NIMFA T. SANDA	MABUHAY ELEMENTARY SCHOOL
	132	BERNADETTE O. GABITAN	HAPPY VALLEY ELEMENTARY SCHOOL
SAN JOSE	133	ZURICH C. PERUDA	SAN LORENZO ES
	134	ABEGAIL G. PUAZO	TUBIGDANAO ES
	135	JOSEPHINE N. RAMIREZ	P. TINGZON ES
	136	KARESSA MAE T. FRANCISCO	BONGLAS ES
SAN ROQUE	137	ROSE ANN MORA	LAWA-AN ES
	138	MARJORIE UY AGUILANDO	BANTAYAN ES
	139	SIMON C. CORONG	SAN ROQUE CENTRAL ELEMENTARY SCHOOL
SAN VICENTE	140	NICA C. ALBUER	TARNATE ELEMENTARY SCHOOL
	141	KIMBERLY M. REYES	TARNATE ELEMENTARY SCHOOL
	142	ANGELICA A. PANIS	SAN VICENTE CENTRAL SCHOOL
SILVINO LUBOS	143	CHERRYL J. SAGONOY	SLCES
	144	EDEN D. TUBALLAS	SLCES
	145	CATHERINE O. JARILLA	CABONGGAAN ES
	146	GLEZELYN G. IRINCO	GINAGASAN ES
VICTORIA	147	JENNEFER M. CACHERO	LUISITA ELEMENTARY SCHOOL
	148	HAIDY G. MANAHAN	PASABUENA ELEMENTARY SCHOOL
	149	RIZA T. DUROY	ACEDILLO ELEMENTARY SCHOOL
	150	JEANN WREB P. SUBIAGA	ERENAS ELEMENTARY SCHOOL

TRAINING MATRIX

TIME	DAY 1	DAY 2	DAY 3	DAY 4
7:30 AM - 7:45 AM		***Attendance***	***Attendance***	***Attendance***
7:45 AM - 8:00 AM		***Management of Learning (MOL)***	***Management of Learning (MOL)***	***Management of Learning (MOL)***
8:00 AM - 8:30 AM		**Session 3: Developing Emergent Literacy Skills through Play, Music, Movement, and Storytelling** *Class A- Rhea Junette A. Ultra* *Class B- Dionesia Mercader*	**Session 9: Reading Comprehension in the Early Years** *Class A- Roselyn M. Galdones* *Class B- Grace M. Villacortes*	**Session 15: From Principle to Workplace Application: Strengthening Early Literacy through Classroom-based Reading Instruction** *Class A- Anthony Rubenecia* *Class B- Arvin Lebico*
8:30 AM - 9:00 AM				
9:00 AM - 9:30 AM				
9:30 AM - 9:45 AM				
9:45 AM - 10:00 AM	**Arrival/ Registration**	***HEALTH BREAK***	***HEALTH BREAK***	***HEALTH BREAK***
10:00 AM - 10:30 AM		**Session 4: Building Oral Language Skills for Literacy Development** *Class A- Jennifer B. Delorino* *Class B- Hazel Ann M. Diaz*	**Session 10: Developmentally Appropriate Practices in Literacy Instruction** *Class A- Mary Jane M. Aguirre, PhD* *Class B- Joy Dugan*	***Post-test*** ***Closing Program***
10:30 AM - 11:00 AM				
11:00 AM - 11:30 AM		**Session 5: Phonological Awareness** *Class A- Maria Carmela L. Olchondra* *Class B- Roselyn M. Galdones*	**Session 11: Explicit and Systematic Instruction in Reading** *Class A- Arvin Lebico* *Class B- Mary Ann T. Rosadiño*	
11:30 AM – 12:00 PM				
12:00 PM – 1:00 PM	***LUNCH BREAK***	***LUNCH BREAK***	***LUNCH BREAK***	

TIME	DAY 1	DAY 2	DAY 3	DAY 4
1:00 PM – 1:30 PM	***Opening Program/ Pre-test***	**Session 5:** (continuation)	**Session 12: Integrating SEL (Social-Emotional Learning) in Reading Instruction** *Class A- Mary Ann T. Rosadiño* *Class B- Mary Jane M. Aguirre, PhD*	
1:30 PM - 2:00 PM		**Session 6: From Sounds to Words: Teaching Phonics and Word Recognition** *Class A- Mary Ann T. Rosadiño* *Class B- Rhea Junette A. Ultra*		
2:00 PM - 2:30 PM	**Session 1: The Nature of Reading** *Class A- Hazel Ann M Diaz, PhD* *Class B- Joy Dugan*			
2:30 PM - 3:00 PM		**Session 7: Vocabulary Development** *Class A- George Pinca, PhD* *Class B- Jennifer B. Delorino*	**Session 13: Applying Scaffolding & the GRR Framework** *Class A- Grace M. Villacortes* *Class B- George Pinca*	
3:00 PM - 3:30 PM	**Session 2: Science of Reading: Foundations and Principles** *Class A- Mark Louie D. Magpayo, PhD* *Class B- Mary Ann T. Rosadiño*			
3:30 AM - 3:45 PM	***HEALTH BREAK***	***HEALTH BREAK***	***HEALTH BREAK***	
3:45 PM - 4:00 PM	**Session 2: Science of Reading: Foundations and Principles *(cont.)***	**Session 8: Fluency: Building Automaticity with Accuracy and Expression** *Class A- Julien Tiza L. Madronio, DALL* *Class B- Maria Carmela L. Olchondra*	**Session 14: Multisensory and Multimodal Approaches in Early Literacy** *Class A- Cherry Ann P. Legaspi* *Class B- Anthony Rubenecia*	
4:00 PM - 4:30 PM				
4:30 PM - 5:00 PM				

Program Management Team	
Class A: **Class Managers:** **Mary Joy V. Cadut** **Ma. Jasmine J. Bianes** **M&E Officer:** **Marielle C. Bonabon** **Welfare Officer:** **Camelia Nemil**	**Class B:** **Class Managers:** **Ma. Lita Eulin** **Janice T. Gallego** **M&E Officer:** **Arvel H. Corong** **Welfare Officer:** **Christy A. Ador**

Annex B

A.I.M. HIGH: A TRAINING ON ADVANCING AI MASTERY FOR SCIENCE TEACHERS

The **AI-TPACK INSET** is a differentiated professional development program designed to strengthen science teachers' capacity to integrate artificial intelligence into teaching in ways that are ethical, practical, and aligned with learner needs. Grounded in the study findings, the program responds to the pattern that teachers are generally stronger in content knowledge, pedagogical knowledge, and pedagogical content knowledge, but less confident in AI-specific domains, particularly AI-Technological Content Knowledge and AI-Technological Pedagogical Knowledge .

Across the sessions, participants are expected to produce practical outputs such as ethical-use commitments, tool comparison guides, AI-supported science lesson plans, contextualized classroom applications, and workplace action plans. Overall, the INSET aims to move teachers from basic awareness of AI toward confident, responsible, and instructionally meaningful use of AI in science teaching with the terminal goal of designing lesson plans that are AI-aided.

Results objective:

Teachers will exhibit improved self-reported AI-TPACK ratings using the AI-TPACK Framework checklist. Students will be able to improve their performance in Science that will be manifested in improved outcomes in terms of their MPS in teacher-made assessments and national and international large-scale assessments.

Application objective:

Teachers should be able to develop and deliver AI-guided and AI-enhanced lesson plans and teaching and learning packages.

Terminal objective: By the end of this training, participants will be proficient in designing AI-assisted lesson plans with AI-guided contents and pedagogy.

Enabling objectives:

- Strengthen teachers' AI-TK, AI-TPK, and AI-TCK for science instruction.
- Design ethically sound, learning-aligned, and context-feasible science lessons using AI.
- Enhance the AI-TPACK of teachers by focusing on science representations, simulations, scaffolding, feedback, and classroom workflows.
- Build teacher capacity to prevent student misuse, overdependence, and inaccurate use of AI.
- Provide differentiated support for beginner, emerging, and more advanced AI users.

LIST OF PARTICIPANTS

NO	NAME	DISTRICT	SCHOOL
CLASS A			
1.	MARIFEL D. ABAYON	ALLEN I	FREDERICK ES
2.	BRIMA M. ORTEGO	ALLEN I	PILI ES
3.	AIRA GERERO	ALLEN I	ALLEN CS
4.	RUEL CARPON	ALLEN I	ALLEN NHS
5.	EDWYNROSE LYZA M. GALDONES	ALLEN II	GUIN-ARAWAYAN ES
6.	ALMA FLORALDE	ALLEN II	CABACUNGAN ES
7.	EDWIN G. GALAROZA	ALLEN II	
8.	MA. JOANNE B. FLORES	BIRI	BIRI CS
9.	JF C. YAPIZ	BIRI	BAGONG SILANG ES
10.	BRYLL E. DELOS REYES	BIRI	TALISAY ES
11.	NILA T. ACEDERA	BOBON	BOBON CS
12.	EDGAR AFABLE	BOBON	DANCALAN IS
13.	ROSE ANN LEDESMA	BOBON	BOBON CS
14.	MAY JANE C. PAREDES	BOBON	BOBON SCHOOL FOR PHILIPPINE CRAFTSMEN
15.	LEONILA C. SALAZAR	CAPUL	CAPUL CENTRAL
16.	IMELDA M. PESTANO	CAPUL	OSON ES
17.	MAT C. BANAGBANAG	CAPUL	CAPUL II ES
18.	ETHEL CABACANG	CAPUL	CAPUL AGRO IS
19.	RHODORA A. BORJA	CATARMAN I	CATARMAN SPED
20.	ROMEO BALLETA	CATARMAN I	BAYBAY ES
21.	GILDA SANTIAGO	CATARMAN I	CATARMAN ICS
22.	DAFFODIL RONA A. CEDENIO	CATARMAN II	CATARMAN 2 CS
23.	VICENTE ALAR	CATARMAN II	TARUGAN ES
24.	APRIL JOY JOY G. EMBROG	CATARMAN II	OLD RIZAL ES
25.	ANNABELLE G. VERZOSA	CATARMAN III	GENEROSO FRIGILLANA MS
26.	JOSEPHINE CORONA	CATARMAN III	DAGANAS ES
27.	ROWENA DELOS SANTOS	CATARMAN III	GENEROSO FRIGILLANA MS
28.	JANICE LORETO	CATARMAN III	CATARMAN NHS
29.	RUTH B. MARINO	CATARMAN IV	
30.	DITAS E. DIMAKILING	CATARMAN IV	CAWAYAN IS

NO	NAME	DISTRICT	SCHOOL
31.	JEANNETE C. SYTICO	CATARMAN IV	CAWAYAN IS
32.	ERICA MITCHIE L. CARPILA	CATARMAN V	CABAYHAN ES
33.	ANGELYN M. POLPERO	CATARMAN V	SOMOGE ES
34.	MA. GEHENNA A. HERRERA	CATARMAN VI	CULARIMA ES
35.	RACQUEL DIMAKILING	CATARMAN VI	SAN PASCUAL ES
36.	RACHEL VAN D. LIM	CATARMAN VI	POLANGI ES
37.	GENEROSE TENEDERO	CATUBIG I	CATUBIG CS
38.	JOVIL T. BALANLAY	CATUBIG I	CAGBUGNA ES
39.	ALYX JOSHUA R. FLORES	CATUBIG I	OPONG ES
40.	JANICE JUSTANIANE	CATUBIG I	CATUBIG VALLEY NHS
41.	STEPHANIE ESTRELLANA	CATUBIG II	HIBUBULLAO ES
42.	ANNABEL REBAY	CATUBIG II	HIBULO ES
43.	EDDIE BOY G. PEDEMONTE	CATUBIG II	HITAPIAN ES
44.	EDERLYN C. ALONZO	CATUBIG III	OSMENA ES
45.	ARPHIE O. SABUTAN	CATUBIG III	CAGUGUBNGAN ES
46.	DARYL ANN DE ASAS GALIT	CATUBIG III	CALINGNAN ES
47.	VANESSA DE PAZ	GAMAY I	GAMAY NHS
48.	BRENDA O. COQUIA	GAMAY I	GAMAY CES
49.	ERWIN P. GOMBA	GAMAY I	GAMAY WEST ES
50.	ROQUE P. JAGONOY	GAMAY I	ANITO ES
CLASS B			
51.	FLORIBELLE LONGCOP	GAMAY II	DAO ES
52.	MANETTE CAPOQUIAN	GAMAY II	BATO ES
53.	JENETTA LIMBAWAN	GAMAY II	CAGAMUTAN CS
54.	RICA I. DELORINO	LAOANG I	LAOANG I CS
55.	GEORGETTE P. IRINCO	LAOANG I	LAOANG I CS
56.	LIEZLY A. POSO	LAOANG I	VIGO ES
57.	KATRINA C. PINCA	LAOANG II	PM GETA ES
58.	NILO L. GIRAY	LAOANG II	PM GETA ES
59.	LOIDA I. ROCHA	LAOANG II	PM GETA ES
60.	MELISSA PINCA	LAOANG II	LAOANG NATIONAL HIGH SCHOOL
61.	RENANTE FECUNDA	LAOANG III	RAWIS CS
62.	EDNA P. SANCHEZ	LAOANG III	JUNCTION ES
63.	JACKILOU MELANIE CASTRO	LAOANG III	BOBOLOSAN ES
64.	MARIBEL D. MAGDAO	LAOANG IV	CABADIANGAN ES

NO	NAME	DISTRICT	SCHOOL
65.	ROEL I. MENDOZA	LAOANG IV	MAROBAY ES
66.	JONAS T. ADUCAL	LAOANG IV	TAN-AWAN ES
67.	MARIBEL D. MAGDAO	LAOANG IV	CABADIANGAN ES
68.	ROEL I. MENDOZA	LAOANG IV	MARUBAY ES
69.	JONAS T. ADUCAL	LAOANG IV	TAN-AWAN ES
70.	MERIAM B. LIM	LAOANG V	SIMORA ES
71.	JANE T. GIRAY	LAOANG V	CABULALOAN ES
72.	MARBELYN O. LUPAS	LAOANG V	BAYOG ES
73.	QUILICO NALIC	LAPINIG	LOOK ES
74.	RONNIE M. GUASIS	LAPINIG	POTONG ES
75.	JEROME D. PELEMBERGO	LAPINIG	LAPINIG CES
76.	APRIL P. PORTON	LAS NAVAS II	QUIRINO ES
77.	DANNY BEE A. LINAOTA	LAS NAVAS II	EPAO ES
78.	FERLYN MILLA	LAS NAVAS II	MAGSAYSAY ES
79.	IVY JOY P. PAJANUSTAN	LAS NAVAS III	TAYLOR ES
80.	JUVY D. ADAMERO	LAS NAVAS III	BUKID ES
81.	MICHAEL G. DORIAS	LAS NAVAS III	POPONTON ES
82.	DAISY DOMINICA MONARES	LAS NAVAS I	HANGI ES
83.	AIRA LUZ HIRAMIA	LAS NAVAS I	LAS NAVAS I CS
84.	MELISSA G. CUI	LAS NAVAS I	LAS NAVAS I CS
85.	NORA T. FLORES	LAVEZARES I	MAC ARTHUR ES
86.	DYNA B. QUILITANO	LAVEZARES I	LAVESAREZ CES
87.	CORAZON J. GUY	LAVEZARES I	LAVESAREZ CES
88.	LEVI MATNOG	LAVEZARES I	BBCMAIS
89.	SAMUEL G. PORLAGE	LAVEZARES II	VILLAFLORES ES
90.	ELVIN CASABA	LAVESAREZ II	LIBAS ES
91.	JERRY ALGORDO	LAVESAREZ II	URDANETA CES
92.	JOSEPHINE M. SALUDARIO	LOPE DE VEGA	LOPE DE VEGA CS
93.	EVANGELINE D. MARINO	LOPE DE VEGA	GETIGO ES
94.	RUBY MARIE G. DELUTA	LOPE DE VEGA	OSMENA ES
95.	MANNYLYN L. ORANE	MAPANAS	MAPANAS CS
96.	GENE F. TENEDERO	MAPANAS	STA. POTENCIANA ES
97.	REGINE N. CABALLA	MAPANAS	MAPANAS NORTH ES
98.	WALTER OLIVAS	MONDRAGON I	MONDRAGON AGRO IS

NO	NAME	DISTRICT	SCHOOL
99.	ELENA MONTES	MONDRAGON I	MONDRAGON ICS
100.	DEIREE JANE CANTONG	MONDRAGON I	MAKIWALO ES
101.	NERIJA B. DELUTA	MONDRAGON I	LA TRINIDAD ES
102.	DIVINA JOY BAYOCA	MONDRAGON II	NENITA CS
CLASS C			
103.	CHERRIE LYN B. MILLARE	MONDRAGON II	SAN ANTONIO ES
104.	MISCHELL A. DIAZ	MONDRAGON II	MIRADOR ES
105.	MA. FE DELOS REYES	MONDRAGON III	BAGASBAS ES
106.	EVA ACERO	MONDRAGON III	BUGKO ES
107.	JESSIE BRIVA	MONDRAGON III	ROXAS ES
108.	ERLINDA N. GOREMBALEM	PALAPAG I	PALAPAG I CS
109.	ELINITA A. ASUNCION	PALAPAG I	B. QUIBAL MEMORIAL ES
110.	MAE I. REMEDILLO	PALAPAG I	B. QUIBAL MEMORIAL ES
111.	DANIEL T. URSUA	PALAPAG II	CAMPEDICO ES
112.	MONSOUR S. REMEDILLO	PALAPAG II	JANGTUD IS
113.	PEMIA L. TAGABAN	PALAPAG II	MOMBON IS
114.	JUDY ROSE A. HONORIDEZ	PALAPAG III	NAPO ES
115.	RUBYLYN C. BARSOLASO	PALAPAG III	CAPACUJAN CES
116.	MARVI B. BESALDA	PALAPAG III	ARTURO SALAZAR DAIZ ES
117.	SYRA CORONG	PAMBUJAN I	PAMBUJAN NHS
118.	MARITESS CASTILLO	PAMBUJAN I	PAMBUJAN ICS
119.	ARCHELLE JUNE CATAPAN	PAMBUJAN I	IGOT ES
120.	JOEY B. MORALES	PAMBUJAN I	SAN RAMON ES
121.	NELIA GIRAY	PAMBUJAN II	DONA ANECITA ES
122.	RUTH M. QUIMSING	PAMBUJAN II	CABABTOAN ES
123.	MARNELLE T. LOBOS	PAMBUJAN II	CAMPARANGA ES
124.	GOLDIE C. CASTILLO	ROSARIO	ROSARIO CS
125.	IVY GRACE C. CASTILLO	ROSARIO	BUENAVISTA ES
126.	ARMILA D. DUAZO	ROSARIO	SALHAG ES
127.	SUCHITA S. DELA CRUZ	SAN ANTONIO	SAN ANTONIO INTEGRETAD SCHOOL
128.	ROVELYN MAE C. MANAOG	SAN ANTONIO	DALUPIRIT ES
129.	LELAIZZA M. ESQUIERDO	SAN ANTONIO	BURABOD ES
130.	AILEEN A. GENERALAO	SAN ISIDRO I	SAN ROQUE ES

NO	NAME	DISTRICT	SCHOOL
131.	MACEL C. DALAC	SAN ISIDRO I	SAN ISIDRO CES
132.	JEZELLE JOY T. MONDIGO	SAN ISIDRO I	BUENAVESTA ES
133.	PLARIDEL TINGZON	SAN ISIDRO I	SAN ISIDRO NHS
134.	SHIELLA AMOR	SAN ISIDRO II	ALEGRIA ES
135.	ANNA LOU B. ARISGADO	SAN ISIDRO II	ALEGRIA ES
136.	RONEL GALLARON	SAN ISIDRO II	CAGLANIPAO ES
137.	CHARITA M. CAMPOSANO	SAN JOSE	SAN LORENZO ES
138.	VINCENT VILAN	SAN JOSE	SAN JOSE CENTRAL SCHOOL
139.	JOSEPHINE N. RAMIREZ	SAN JOSE	P. TINGZON ES
140.	VIVIEN SOLOMON	SAN ROQUE	SAN ROQUE CS
141.	RUMA GRACE C. BERE	SAN ROQUE	BANTAYAN ES
142.	EDCIL BALANQUIT	SAN ROQUE	BALUD ES
143.	RAQUEL G. BANTILO	SAN ROQUE	DON JUAN F. AVALON NHS
144.	CHERYLL M. FRANCISCO	SAN VICENTE	TARNATE ES
145.	CHERIELYN M. BULAN	SAN VICENTE	SAN VICENTE CS
146.	JHON ROLDAN P. RULDAN	SAN VICENTE	SILA ES
147.	WELSA SAROMINEZ	SILVINO LUBOS	SILVINO LUBOS CS
148.	CHYSSER MARINEL M	SILVINO LUBOS	SILVINO LUBOS CS
149.	CHERRYNEL A. ALCERA	SILVINO LUBOS	GENAGASAN ES
150.	ZAIDA D. MIRALLES	VICTORIA	VICTORIA CS
151.	ANALYN F. ROSALES	VICTORIA	ERENAS ES
152.	NELVA A. ALCERA	VICTORIA	BUENOS AIRES ES

TRAINING MATRIX

A.I.M. HIGH: A DIVISION TRAINING ON ADVANCING AI MASTERY FOR SCIENCE TEACHERS

TRAINING MATRIX - DAYS 1 AND 2

Ciriaco Hotel & Resort, Calbayog City | September 10-13, 2026

Time	Day 1 - September 10, 2026	Time	Day 2 - September 11, 2026
8:00-8:15am	**Arrival**	**7:30-8:00am**	**Management of Learning** *Learning Management Team*
8:15-8:30am		**8:00-10:00am**	**Session 3: Differentiated Breakout Tracks (cont)** » Beginner 3A - Foundational AI Tool Literacy | Sherrie Ann L. Odtujan » Emerging 3B - Tool Selection and Prompt Refinement | Charito Go » Advanced 3C - Advanced Tool Ecosystem and Coaching Role | Eufemio D. Adarayan Jr. *Parallel breakout sessions by readiness track*
10:00-10:15am		**10:00-10:15am**	**Health Break (AM Snacks)**
10:15-11:30am		**10:15-12:00nn**	**Session 4: AI-TCK for Science Representations** » Beginner 4A - Simple science visuals, diagrams, explanations, and contextualized examples | Janus Keeve A. Ada » Emerging/Advanced 4B-4C - Simulations, graphs, process visuals, and topic-specific tasks | Dendo G. Balanquit and Eufemio D. Adarayan Jr. *Parallel breakout sessions by readiness track*
12:00-1:00pm	**Lunch Break**	**12:00-1:00pm**	**Lunch Break**
1:00-1:15pm	**Opening Program** *Program Management Team*	**1:00-1:15pm**	**Energizer / Management of Learning**
1:15-2:30pm	**Pre-test/Levelling of Expectations** *Program Management Team*	**1:15-2:30pm**	**Continuation of Session 4** » Content validation and accuracy checking of AI-generated representations *Track Facilitators*

2:30-2:45pm	**Pre-INSET: Readiness and Baseline Mapping** » AI-TPACK self-rating, AI-use and confidence survey, device/connectivity scan *Program Management Team*	**2:30-2:45pm**	**Breakout Output Sharing and Content Validation** » Presentation of sample visuals, diagrams, graphs, process visuals, and simulations *Content Validators:* 1. *Nelida M. Lobos* 2. *Maurice Jitty M. Villaester* 3. *Eufemio D. Adarayajn Jr.* 4. *Michelle Probadora* 5. *Sherrie Ann L. Odtujan* 6. *Lucio S. Lobos* 7. *Ivy Kristine Estavillo* 8. *Rufino I. Beso*
2:45-3:00pm	**Track Orientation and Assignment** » Beginner, Emerging, and Advanced readiness tracks *Learning Management Team*	**2:45-3:00pm**	**Health Break (PM Snacks)**
3:00-4:30pm	**Session 1: AI-TPACK Framework for Science** » How AI works: opportunities and limitations » AI-TPACK domains and their connection to science teaching *A – Nelida Lobos* *B – Eufemio D. Adarayan Jr.*	**3:00-4:30pm**	**Session 5: Student Misuse, Integrity, and Assessment** » AI scale for assessment » Assessment redesign and best practices » Offline AI tools and low-connectivity options *A – Sherrie Ann L. Odtujan* *B – Janus Keeve A. Ada* *C – Michelle M. Probadora*
4:00-5:00pm	**Session 3: Differentiated Breakout Tracks** » Beginner 3A - Foundational AI Tool Literacy | Sherrie Ann Odtujan » Emerging 3B - Tool Selection and Prompt Refinement | Dendo Balanquit » Advanced 3C - Advanced Tool Ecosystem and Coaching Role | Eufemio D. Adarayan Jr. *Parallel breakout sessions by readiness track*	**4:30-5:00pm**	**Application Clinic: Refining Ethical AI-Use Guidelines and Track Outputs** » Peer critique, verification, revision, and consolidation of outputs *Resource Persons and Track Facilitators*
5:00-5:30pm	**End-of-the-Day Reminders and Evaluation** *Program Management Team*	**5:00-5:30pm**	**End-of-the-Day Reminders and Evaluation** *Program Management Team*

Time	Day 3 - September 12, 2026	Time	Day 4 - September 13, 2026
7:30-8:00am	**Management of Learning**	7:30-8:00am	**Management of Learning**

	Learning Management Team		*Learning Management Team*
8:00-10:00am	**Session 6: AI-TPK for Science Lesson Support** » Beginner 6A - Structured lesson support, scaffolds, and teacher-guided feedback | Sherrie Ann Odtujan & Nelida Lobos » Emerging 6B - Differentiation, inquiry, and feedback workflows | Michelle Probradora and Charito Go » Advanced 6C - Coaching, demonstration, and workflow design | Eufemio D. Adarayan Jr. *Parallel breakout sessions by readiness track*	**8:00-10:00am**	**Lesson-Plan Finalization and Teaching-Simulation Preparation** » Track-based coaching, rehearsal, and verification of lesson resources *Resource Persons and Track Facilitators* **Teaching Simulation and Presentation of AI-Aided ILAW Lesson Plans** » Demonstration of AI-assisted content, pedagogy, assessment, and ethical safeguards *Selected Participants / Resource Persons*
10:00-10:15am	**Health Break (AM Snacks)**	**10:00-10:15am**	**Health Break (AM Snacks)**
10:15-11:30am	**Continuation of Session 6** » Lesson workflow design, peer support, and refinement *Track Facilitators*	**10:15-10:30am**	**Feedback Synthesis and Revision Notes** *Resource Persons and Peer Reviewers* 1. *Nelida M. Lobos* 2. *Maurice Jitty M. Villaester* 3. *Eufemio D. Adarayajn Jr.* 4. *Michelle Probadora* 5. *Sherrie Ann L. Odtujan* 6. *Lucio S. Lobos* 7. *Ivy Kristine Estavillo* 8. *Rufino I. Beso*
10:30-12:00am	**Track Output Sharing and Feedback** » AI-integrated lesson drafts, feedback workflows, model lesson scripts, and coaching guides *Track Facilitators*	**10:30-10:45am**	**Post-test** *Resource Persons and Peer Reviewers*
12:00-1:00pm	**Lunch Break**	**10:45-11:15pm**	**Closing Program** *Program Management Team*
1:00-1:15pm	**Energizer / Management of Learning**		
1:15-2:45pm	**Workshop 1: Developing an AI-Aided ILAW Lesson Plan** » Integration of AI-assisted content and pedagogy » Alignment of objectives, activities, assessment, and responsible AI use *A – Charito Go and Ivy Kristine Estavillo* *B – Dendo G. Balanquit and Janus Keeve A. Ada* *C – Michelle M. Probadora and Eufemio D. Adarayan Jr.*		

2:45-3:00pm	**Health Break (PM Snacks)**	[redacted]
3:00-3:30pm	**Continuation of Workshop 1** » Lesson-plan completion and preparation for teaching simulation *Eufemio D. Adarayan Jr.*	
3:30-4:30pm	**Session 2: Ethical and Responsible AI Use in Science Teaching** » DepEd foundational guidelines on AI » Local and international policies and best practices » School and classroom AI-use guidelines *Maurice Jitty M. Villaester* **Session 7: Workplace Application Plan** » Specific actions, timelines, resources, support persons, and evidence of implementation *HRD / Nelida M. Lobos*	
4:30-5:00pm	**End-of-the-Day Reminders and Evaluation** *Program Management Team*	

***** End of Training *****

Note: Sessions 3, 4, and 6 are conducted concurrently according to participant readiness track. Minor adjustments may be made by the Program Management Team without changing the approved session objectives and required outputs.

CLASS A		CLASS B		CLASS C	
Class Managers	**NANETTE M. SUAN JOANA ALURA**	**Class Managers**	**CHEERIZ ANN PANIS ZETA M. PERNITO**	**Class Managers**	**LUCIO S. LOBOS RUFINO I. BESO**
M & E Officer	**MARISSA NEBRIAGA**	**M & E Officer**	**JEFFREY SEANDJAN**	**M & E Officer**	**HARLEEN BALDOSTAMO**
Welfare Officer	**ALMA M. CUANICO**	**Welfare Officer**	**EILEEN D. BELICENA**	**Welfare Officer**	**GAY G. TY**

Prepared by:

NELIDA M. LOBOS, PhD
Education Program Supervisor - Science / Proponent

Annex C

MATH-UP: ENHANCING FOUNDATIONAL MATHEMATICS TEACHING THROUGH BIG IDEAS, RESPONSIVE PEDAGOGY, AND ASSESSMENT

MATH-UP (Mathematics Achievement through Teacher Holistic Upgrading) is a data-driven capacity -building program and resource package for Key Stage 1 teachers that seeks to enhance foundational mathematics teaching through big ideas, responsive pedagogy, and assessment. It is designed to respond to learner performance gaps in the early grades and to support the effective implementation of the revised K to 12 Mathematics curriculum.

The program consists of ten sessions that are organized to guide participants from curriculum understanding to classroom application. It opens with an overview of the revised Mathematics curriculum framework and a presentation of learner performance data to establish the context, need, and direction of the training. This is followed by sessions on responsive pedagogy, particularly the use of concrete materials and manipulatives, as well as the purposeful use of technology to support mathematics teaching and learning in the early grades.

The core of the program focuses on the foundational content areas in Key Stage 1, namely Numbers, Measures, Shapes, and Data, as framed through the big ideas of the revised curriculum. These content sessions are intended to deepen teachers' conceptual understanding, clarify common learner difficulties and misconceptions, and strengthen their ability to design instruction that is meaningful, developmentally appropriate, and aligned with curricular expectations. The program also includes sessions on assessment tools, strategies, and varied assessment approaches to help teachers design and use classroom assessments that provide valid evidence of learner understanding and inform instruction.

The culminating components of the program include the preparation of a workplace action plan, demonstration teaching, and commitment setting. These are intended to ensure that the learning gained from the training is translated into actual classroom practice and sustained through school-based implementation. In this way, MATH-UP serves not only as a training intervention but also as a support mechanism for improving instructional quality and learner achievement in foundational Mathematics.

As a professional development initiative, MATH-UP affirms that improving learner outcomes begins with strengthening teacher capability. By equipping teachers with deeper content understanding, responsive pedagogical strategies, and sound assessment practices, the program seeks to build stronger foundations for mathematics learning among Key Stage 1 learners and to support the broader goal of improved educational outcomes in the Schools Division.

Results objective:
By the end of the school year, the implementation of MATH-UP shall contribute to improved learner performance in Key Stage 1 Mathematics, as evidenced by an increase in Mathematics Mean Percentage Scores (MPS) and a measurable improvement in Rapid Mathematics Assessment (RMA) proficiency levels, with the aim of reducing by at least 10% the number of learners performing under the Not Proficient and Low Proficient levels.

Application objective:
By the end of the program, participating Key Stage 1 teachers shall be able to

apply the principles and strategies gained from the training by designing and implementing at least one data-driven lesson plan per quarter, supported by appropriate pedagogical strategies, assessment tools, and learner remediation or enrichment measures.

Terminal objective:
By the end of the training program, participants shall be able to design a lesson plan that integrates foundational Mathematics content, responsive pedagogy, and assessment practices consistent with the revised K to 10 Mathematics curriculum.

Enabling objectives:

Specifically, at the end of each session, the participants shall have:
1. explained the revised curriculum framework, facilitating facets, supporting components, content domains, Key Stage 1 standards, and results of Rapid Mathematics Assessment and Mean Percentage Score as the basis for the program;
2. demonstrated the use of manipulatives through the use of Concrete Representational-Abstract progression in early mathematics instruction;
3. selected and utilized appropriate technology and teaching-learning resources to support mathematical understanding and engagement;
4. unpacked the Key Stage 1 content expectations for numbers and early algebraic thinking;
5. unpacked the Key Stage 1 content expectations for measures in meaningful and real-life contexts;
6. unpacked the Key Stage 1 content expectations for basic shapes, spatial sense, and geometric reasoning;
7. unpacked the Key Stage 1 content expectations for collecting, representing, and interpreting simple data;
8. designed classroom-based assessment tools and strategies aligned with the curriculum and the desired cognitive demand; and
9. prepared a demonstration teaching plan, workplace action plan, and implementation commitment for classroom application.

LIST OF PARTICIPANTS

MATH-UP: ENHANCING FOUNDATIONAL MATHEMATICS TEACHING THROUGH BIG IDEAS, RESPONSIVE PEDAGOGY, AND ASSESSMENT

No.	NAME	DISTRICT	SCHOOL
1.	GLAZER T. POBLACION	ALLEN 1	PILI ES
2.	JENNY G. GALAROZA	ALLEN II	KINAGUITMAN ES
3.	AVEGAIL A. MENDOZA	ALLEN II	CALARAYAN ES
4.	GERTHRUDE C. RAPSING	ALLEN II	CABACUNGAN ES
5.	ANGELOU M. NABOR	ALLEN II	GUIN-ARAWAYAN ES
6.	JANE P. SUAN	ALLEN II	LIPATA ES
7.	ARCELIE D. SIXTA	BIRI	TAMPIPI ES
8.	ALONA D. GOLONDRINA	BIRI	CAWAYAN ES
9.	MARY ROSE P. QUILING	BIRI	LANGUB-LANGUB ES
10.	RANDY CASINAS	BOBON	JOSE P. LAUREL ES
11.	STELLA C. OLESCO	BOBON	BOBON CENTRAL
12.	HAZEL O. CAMPOSANO	BOBON	DANCALAN IS
13.	HANNA LYLA M. CABACANG	BOBON	JOSE P. LAUREL ES
14.	MA. LIZA L. GAMBOA	BOBON	JOSE P. LAUREL ES
15.	MA VANESSA M. PAREDES	BOBON	SOMOROY ES
16.	MIKKA ROSS M. MIRANDA	BOBON	SANTANDER ES
17.	JEAN ESTILLER	BOBON	BOBON CS
18.	PLACIDA TAGROS GOLONDRINA	BOBON	BOBON CS
19.	MAILEN M. LANANG	BOBON	SOMOROY ES
20.	JENNIFER D. UBAS	CAPUL	CAPUL I CENTRAL ES
21.	THELMA SALAZAR	CAPUL	SAGAOWAN ES
22.	ROSIE G. DECULAWAN	CAPUL	SAWANG ES
23.	KERRY ANN C. ORTEGO	CAPUL	AGUIN ES
24.	MECY A. ODTUJAN	CAPUL	AGUIN ES
25.	LUCY T. GUARDIANO	CAPUL	AGUIN ES

26.	MYRA B. LOPEZ	CATARMAN II	HIMBANG ES
27.	ANALYN G. ARIOLA	CATARMAN II	CATARMAN II CENTRAL SCHOOL
28.	WILBERT MICHAEL T. MEDE	CATARMAN II	TINOWARAN ES
29.	AILLEN A. LEMOS	CATARMAN III	DAGANAS ES
30.	ROCHELLE ANN D. CAPORAL	CATARMAN III	DAGANAS ES
31.	LEA C. GARABEL	CATARMAN III	GRFMS
32.	JOAN L. ABAWAG	CATARMAN III	GRFMS
33.	IRMA FULGAR	CATARMAN III	DAGANAS ES
34.	CAROLINA E. BATO	CATARMAN III	GENEROSO R. FRIGILLANA MEMORIAL SCHOOL
35.	JADE T. MEDE	CATARMAN III	GENEROSO R. FRIGILLANA MEMORIAL SCHOOL
36.	MARY JOY T. MORADOS	CATARMAN IV	IMELDA ES
37.	JOHNZEL A. MENDOZA	CATARMAN IV	CAWAYAN INTEGRATED SCHOOL
38.	MARK DANIEL R. PEDONG	CATARMAN IV	CABANGAHAN ES
39.	MELANIE D. GALLANO	CATARMAN IV	NAZARENO ES
40.	EDLYN C. GIRAY	CATARMAN IV	MCKINLEY ES
41.	CATHERINE A. GALAN	CATARMAN IV	HINATAD ES
42.	ROWENA S. SAGONOY	CATARMAN V	CERVANTES ES
43.	ELMA G. ARGENIO	CATARMAN V	GEMAROBAY ES
44.	KATHERINE GRACE O. MAIZO	CATARMAN V	CAL-IGANG ES
45.	RAINEE C. RAMILO	CATARMAN V	SOMOGE ES
46.	JILYN E. PADIDA	CATARMAN V	BOCSOL ES
47.	MARY JOY L. PALOMA	CATARMAN VI	GEN. MALVAR ES
48.	DINA VILLAMOR	CATARMAN VI	MABINI ES
49.	MARIA BELLA B. SEVILLANO	CATARMAN VI	TRANGUE ES
50.	MARY GRACE A. FLORANO	CATARMAN VI	LIBERTY ES
51.	DHENMARK MERCADO	CATARMAN VI DISTRICT	CULARIMA ELEMENTARY SCHOOL
52.	ROSALINDA A. ROJAS	CATARMAN VI DISTRICT	PATICUA ELEMENTARY SCHOOL

53.	DARLANE G. NOTARTE	CATUBIG 1	CATUBIG 1 CS
54.	GELLI ANNE C. DANQUE	CATUBIG 1	CAGBUGNA ES
55.	MERCURIA P. ROBIEGO	CATUBIG 1	CAGMANABA ES
56.	DIOLITO O. ORTEA	CATUBIG 1 DISTRICT	VIENA MARIA ES
57.	LYNE B. CRISTAL	CATUBIG 1 DISTRICT	OPONG ES
58.	YSABELLA B. OPENIANO	CATUBIG 1 DISTRICT	IRAWAHAN ES
59.	SHIENNA M. HIRAMIA	CATUBIG II	SAN ANTONIO ES
60.	JOVITA A. ORSOLINO	CATUBIG II	NAGOOCAN ES
61.	JULIUS A. ADUCAL	CATUBIG II	OSANG ES
62.	MERIAM M. ESPELITA	CATUBIG-III	LUBEDICO ES
63.	RACIELE A. GALIT	CATUBIG-III	SULITAN ES
64.	JEAN R. ADAMERO	CATUBIG-III	INUBURAN ES
65.	KIAN JAY L. OSAL	GAMAY I	GAMAY WEST ES
66.	MELANIE B. LONGCOP	GAMAY I	SAN ANTONIO ES
67.	BELLA P. ARZADON	GAMAY I	ANITO ES
68.	HACEL C. LUCANA	GAMAY II	BANGON ES
69.	SABRINA L. DOLIM	GAMAY II	GUIBWANGAN ES
70.	IVAN LUKE B. JASMIN	GAMAY II	BATO ES
71.	APOLONIA P. CAPOQUIAN	LAOANG III	CATIGBIAN ES
72.	JOANNA L. NOVIO	LAOANG III	JUNCTION ES
73.	LOUIE VON L. IDIAN	LAOANG III	CABAGOAN ES
74.	GLENDA A. LIM	LAOANG III	RAWIS CS
75.	LELEBETH R. PARTUZA	LAOANG III	RAWIS CS
76.	EMILYN R. LUTO	LAOANG IV	TAN-AWAN ES
77.	MARISSA G. BOLIMA	LAOANG IV	CABADIANGAN ES
78.	GLESIE A. CHINEL	LAOANG IV	NAPOTIOCAN ES
79.	JOHN REY R. LIPATA	LAOANG V	CAGDARA-O ES
80.	MA. MELANIE A. COROCOTO	LAOANG V	ABATON ES
81.	MAELYN O. ACEDERA	LAOANG V	OLERAS ES

82.	LAURA A. OPERARIO	LAPINIG	IMELDA ES
83.	CHARLOTTE M. PAJARES	LAPINIG	CAHAGWAYAN ES
84.	JADE R. ORIO	LAPINIG	CAN OMANIO ES
85.	MAE ANN A. MILLA	LAS NAVAS II	EPAW ES
86.	CRESILDA M. TENASAS	LAS NAVAS II	SAN ANTONIO ES
87.	MELIE OBIADO	LAS NAVAS III	PACO ES
88.	MARY GRACE P. BALDOZA	LAS NAVAS III	BUKID ES
89.	EMMA TAN	LAS NAVAS III	POPONTON ES
90.	JONALYN P. SALAZAR	LAS NAVAS-II	SAN ISIDRO 1 ES
91.	MELLA C. QUEROBINES	LAVEZARES 1	LAVEZARES CENTRAL ELEMENTARY SCHOOL
92.	MANUEL A MATNOG JR	LAVEZARES 1	LIBERTAD ELEMENTARY SCHOOL
93.	LIZA S. DIÑO	LAVEZARES 1	BAYSAG ELEMENTARY SCHOOL
94.	CHERYL D. ESER	LAVEZARES II	MARAVILLA ES
95.	JENNIFER B. VERSOSA	LAVEZARES II	URDANETA CENTRAL ES
96.	JAYSON ALFONSO	LOPE DE VEGA	LOPE DE VEGA CENTRAL SCHOOL
97.	JADE DE PABLO	LOPE DE VEGA	UPPER CAYNAGA ES
98.	JOAN BOCBOC	LOPE DE VEGA	SAMPAGUITA ES
99.	CARMELITA M. ANQUILO	MONDRAGON I	MAKIWALO ES
100.	MAUREEN TIMBAL	MONDRAGON I	MONDRAGON 1 CS
101.	JHON ESTANSLAO D. MONTAÑO	MONDRAGON I	SAN AGUSTIN ES
102.	MARIEL M. GARDUCE	MONDRAGON II	CRYSTAL MT. ES
103.	JACKELYN J. DE GUIA	MONDRAGON II	CANAWA ES
104.	ROSEMARIE P. CABE	MONDRAGON II	CABLANGAN ES
105.	MARY ANN S DEMANO	MONDRAGON III	ROXAS ELEMENTARY SCHOOL
106.	RECHELLE R. MOLATO	MONDRAGON III	BUGKO ELEMENTARY SCHOOL
107.	MARY JOYCE C. JULVE	MONDRAGON III	BAGASBAS ELEMENTARY SCHOOL
108.	MILAGROS L. BARSOLASO	PALAPAG I	PAYSUD ELEMENTARY SCHOOL
109.	DARYL M. GIRAY	PALAPAG I	CABATUAN ELEMENTARY SCHOOL

110.	JANICE OMAYON	PALAPAG I	MAPNO ELEMENTARY SCHOOL
111.	RICHELLE H. DIEGA	PALAPAG II	NAGBOBTAC ES
112.	JOSEFINA L. DE ALCA	PALAPAG II	SIMORA ES
113.	JEVIE M. MONICA	PALAPAG II	SINALARAN ES
114.	MERICRIS JAVIER	PALAPAG III	BAGACAY ELEM. SCHOOL
115.	RODEL POTOT	PALAPAG III	OSMEÑA ELEM. SCHOOL
116.	VENUS JOY CAPATE	PALAPAG III	CAPACUJAN CENTRAL ELEMENTARY SCHOOL
117.	LA OROPESA L. HERNANDEZ	PAMBUJAN I	BUSAK ELEMENTARY SCHOOL
118.	ANGELICA L. TACO	PAMBUJAN I	IGOT ELEMENTARY SCHOOL
119.	LEAH L. OLI	PAMBUJAN I	PAMBUJAN I CENTRAL SCHOOL
120.	JENILYN C. CERBITO	PAMBUJAN II	INANAHAWAN ES
121.	JOCEL E.LOBOS	PAMBUJAN II	CAMPARANGA ES
122.	SUNNY FAYE B. BALANQUIT	PAMBUJAN II	GIPARAYAN ES
123.	MARILL D. ALCERA	ROSARIO	SALHAG ES
124.	VALERIE LEE A. CATANGCATANG	ROSARIO	BANTOLINAO ES
125.	RUBILYN ROMERO	ROSARIO	BUENAVISTA ES
126.	LAARNI O. SAMPAYAN	SAN ANTONIO	MANRAYA ES
127.	AGNES A. MONDIGO	SAN ANTONIO	VINISITAHAN ES
128.	AL DEVINE A . CALOSOR	SAN ANTONIO	SAIS
129.	MARISSA P. FLORES	SAN ISIDRO 1DISTRICT	SAN ISIDRO CENTRAL ES
130.	MARITES P. FRANCISCO	SAN ISIDRO I	BUENAVISTA ES
131.	APRIL G. AMOR	SAN ISIDRO I	SEVEN HILLS ES
132.	ANELIE A. MANGA	SAN ISIDRO I	SAN ISIDRO CENTRAL ES
133.	JESSA B. ESPEÑO	SAN ISIDRO II	ALEGRIA ES
134.	IME O. SALITURNO	SAN JOSE	BONGLAS ES
135.	ABEGAIL R. VISAYA	SAN JOSE	SAN LORENZO ES
136.	GINA C. LOBOS	SAN JOSE	BAGONG SABANG ES
137.	JAEL T.. JULVE	SAN ROQUE	PAGSANG-AN ELEMENTARY SCHOOL

138.	MAILENE F. AMADO	SAN ROQUE	SAN ROQUE CENTRAL ELEMENTARY SCHOOL
139.	LENLYN L. LIM	SAN ROQUE	BANTAYAN ELEMETARY SCHOOL
140.	ANNE R. MARTEL	SAN VICENTE DISTRICT	TARNATE ELEMENTARY SCHOOL
141.	BABY JEAN N. ALBUERA	SAN VICENTE DISTRICT	SANGPUTAN ELEMENTARY SCHOOL
142.	SHIRLY C. PALACIO	SAN VICENTE DISTRICT	SILA ELEMENTARY SCHOOL
143.	KATLYN F.BALDEVIZO	SILVINO LUBOS	GINAGASAN ES
144.	JOSEPH CRESMAR B.ASINERO	SILVINO LUBOS	CAGHILOT ES
145.	CHRISTIAN V.BANTILO	SILVINO LUBOS	GICBO-AN ES
146.	CHRISTY B. CORRO	VICTORIA	ERENAS ELEMENTARY SCHOOL
147.	CHRISTY B.CORRO	VICTORIA	ERENAS ES
148.	EILEEN O. ALMADEN	VICTORIA DISTRICT	VICTORIA CENTRAL ELEMENTARY SCHOOL
149.	ELMA B. OMBROG	VICTORIA DISTRICT	COLAB-OG ELEMENTARY SCHOOL
150.	SAFIEROS E. TABUENA	VICTORIA DISTRICT	SAN LAZARO ELEMENTARY SCHOOL

TRAINING MATRIX

CLASS A PROGRAM MANAGEMENT TEAM Managers: Ms. Karla Antonette P. Herreras and Mr. Mark G. Alcera | M&E: Mr. Joffrey J. Arce	CLASS B PROGRAM MANAGEMENT TEAM Managers: Mr. Jan Jan R. Besarino and Kris Jhon N. Lopez | M&E: Mr. Kris D. Algordo

TIME	DAY 1 *September 10, 2026*	DAY 2 *September 11, 2026*	DAY 3 *September 12, 2026*	DAY 4 *September 13, 2026*
7:30-8:00 AM	**Arrival and Registration** *Program Management Team*			
8:00-8:15 AM		**Preliminaries** *PMT and Participants*	**Preliminaries** *PMT and Participants*	**Preliminaries** *PMT and Participants*
8:15-10:00 AM		**Session 2** From Concrete to Conceptual: Using Manipulatives and the Concrete-Representational-Abstract Progression in Early Mathematics *Class A: Dr. Mary June T. Adalla* *Class B: Dr. Mae Joy T. Espinar*	**Session 6** Big Idea 3: Developing Spatial Sense through Basic Shapes and Geometric Thinking *Class A: Dr. Mae Joy T. Espinar* *Class B: Dr. Mary June T. Adalla*	**Session 10** From Training to Classroom Practice: Demonstration Teaching, Workplace Action Planning, and Commitment Setting *Class A: Evelyn J. Virtudes* *Class B: Dr. Levi V. Calubag*
10:00-10:15 AM		**Health Break** *PMT and Participants*	**Health Break** *PMT and Participants*	
10:15-10:30 AM		**Session 3** Teaching Mathematics in the Digital Age: Maximizing Learning Using Technology in the Classroom *Class A: Dr. Levi V. Calubag* *Class B: Dr. Chando S. Pialago*	**Session 7** Big Idea 4: Building Data Literacy in the Early Grades *Class A: Dr. Roberto Galono* *Class B: Rico Nebrao*	**Health Break** *PMT and Participants*
10:30-11:00 AM				**Post-Test and Program Evaluation** *PMT and Participants*
11:00-11:30 AM				
11:30 AM-12:00 NN				**Completion and Submission of Training Outputs and Administrative Matters** **Closing Program and Awarding of Certificates** *PMT, Class Managers, and Participants*
12:00-1:00 PM	**Lunch Break** *PMT and Participants*	**Lunch Break** *PMT and Participants*	**Lunch Break** *PMT and Participants*	[redacted]
1:00-1:10 PM	**Opening Program and Preliminaries** *Program Management Team*	**Energizer** *PMT and Participants*	**Energizer** *PMT and Participants*	
1:10-1:30 PM				
1:30-2:00 PM		**Session 4**	**Session 8**	
2:00-2:30 PM	**Pre-Test** *PMT and Participants*			

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TIME	DAY 1 *September 10, 2026*	DAY 2 *September 11, 2026*	DAY 3 *September 12, 2026*	DAY 4 *September 13, 2026*
2:30-2:55 PM	**Health Break** *PMT and Participants*	Big Idea 1: Teaching Numbers for Deep Understanding in Key Stage 1 *Class A: Roseller Demolar* *Class B: Joy Saniano*	Assessing Mathematics Learning: Tools, Strategies, and Classroom Practices *Class A: Evelyn J. Virtudes* *Class B: Reecybhel E. Poblete*	
2:55-3:00 PM		**Health Break** *PMT and Participants*	**Health Break** *PMT and Participants*	
3:00-3:10 PM				
3:10-4:55 PM	**Session 1** Setting the Direction: Overview of the Revised Key Stage 1 Mathematics Curriculum Framework *Class A: Nestlé De Asis* *Class B: Dr. Mary Ann I. Tacmo*	**Session 5** Big Idea 2: Teaching Measurement through Meaningful and Real-Life Contexts *Class A: Dr. Geraldine R. Rejuso* *Class B: Ramir Castillo*	**Session 9** Designing Meaningful Mathematics Assessments: Workshop on Varied Assessment Approaches *Class A: Dr. Michael J. Froilan* *Class B: : Dr. Chando Pialago*	
4:55-5:00 PM				
5:00-5:10 PM	**Daily Debriefing and Evaluation** *Class Managers, M&E, and Participants*	**Daily Debriefing and Evaluation** *Class Managers, M&E, and Participants*	**Daily Debriefing and Evaluation** *Class Managers, M&E, and Participants*	
5:10-5:15 PM		**End of Day 2**	**End of Day 3**	

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DIVISION PROGRAM MANAGEMENT TEAM

NAME OF PERSONNEL	OFFICE / UNIT	ROLE	TERMS OF REFERENCE
Gaudencio C. Aljibe Jr., CESO V	SDS	Activity Manager	• Provides strategic leadership and direction for the program, ensuring alignment with broader educational goals and policies. • Oversees the overall program design and implementation, ensuring it meets the standards of excellence and fulfills the department's strategic objectives. • Evaluates program outcomes to inform policy decisions and future program developments. • Ensures compliance with legal, ethical, and professional standards across all aspects of the program's execution.
Rey F. Bulawan Antonio P. Delos Reyes, CESO VI	ASDS	Co-Activity Managers	• Supports the Activity Manager in strategic planning and execution, ensuring that program objectives are met with high standards. • Coordinates between various departments and teams involved in the program to ensure effective communication and collaboration. • Monitors program implementation, identifying areas for improvement and ensuring that issues are addressed promptly. • Oversees the preparation and dissemination of reports and findings to the Activity Manager, providing critical data to guide decision-making.
Noe M. Hermosilla Elna D. Enano	SGOD	Chief Supervisor Supervisor	• Oversees the implementation of the entire program • Supervises the PMT to ensure that all processes are carried out and outputs delivered according to standards • Orients the PMT and the resource persons/subject matter expert experts on their terms of reference and the details of the program design • Conducts debriefing with the PMT and resource persons/subject matter experts • Leads in crafting the PD Program Completion Report

Sylvia D. Villanueva and Dr. Felix J. Ladeno Dr. Emily M. Adrayan Dr. Nelida M. Lobos Dr. Dionesia Mercader Dr. Myra L. Bato CID Education Program Supervisors	CID	Learning Manager s	• Ensures that the program is carried out based on the detailed design in collaboration with the resource persons/subject matter experts • Prepares and maintains conducive learning environment by facilitating unfreezing, leveling of expectations, and norm-setting activities by addressing emerging learning needs • Facilitates the integration session at the end of the intervention, including preparation of Workplace Application Project (WAP) plan • Ensures that Level 2 (Learning) evaluation is conducted • Prepares and sends communication to participants' supervisors regarding program completion and importance of implementing Workplace Application Projects
Resource Persons per area	SDO Schools	Subject matter experts	• Applies effective presentation and facilitation techniques in conducting assigned sessions Provides expert content input during learning sessions • Act as the Class Managers
Peter R. Bobiles Pepito E. Saldo Jr.	SGOD-HRDS District	Program Manager (HRDS)	• Documents the proceedings of the learning sessions using the prescribed documentation template • Takes photos of the different parts of the program delivery • Attends to registration needs of learners • Ensures that learners fill out the attendance sheets every day • Prepares a directory of participants based on registration forms • Assists in the distribution of learning materials and supplies • Assists in posting and collection of session outputs • Compiles session documents and learning resource materials
Cindy Celespara Wilkins Wong	SGOD-HRDS	PMT Secretariat	• Compiles, checks, verifies, and submits the attendance and distribution lists

			• Assists in the distribution of Training Kits and Materials and retrieval of all needed attendance sheets and distribution lists
			• Assist in the collection, validation, and consolidation of participants' profiles, ensuring the accuracy and completeness of entries in the training database. • Support the encoding, updating, and management of digital participant records and related training data.
Merlita B. Fajardo Reynel Ignacio Assigned M&E Officers	SMME Schools	M&E Officers	• Implements the M&E Plan in collaboration with the PMT • Applies process observation and prescribed tools to monitor and evaluate program delivery • Administers and analyzes the results of Level 1 evaluation which is to be presented during the debriefing • Assists the Learning Manager in administering and analyzing the results of Level 2 evaluation • Prepares Levels 1 and 2 M & E Analysis and submits to PM for inclusion in the PD Program Completion Report
Deah A. Gamao School Bookkeepers	Accounting Section District	Finance Officers	• Oversees all finance-related concerns of the program, including the efficient allocation and timely release of funds as well as the documentation for liquidation • Initiates procurement processes of resources, materials, and relevant services, and does a follows up fund disbursement with appropriate offices • Monitors and documents all disbursements against budget to support liquidation • Liquidates all fund disbursements and prepares a financial report as input to the PD Program Completion Report
Warren L. Otadoy and Division Nurses	School Health Section	Welfare Officer	• Ensures that provisions for inclusion, safety, security, health, and wellness of learners, PMT, and resource persons are adequate and available at all times in the venue.

			• Attends to emerging inclusion, safety, security, health, and wellness concerns of participants, PMT, and resource speakers/subject-matter experts (including incidents of social inclusion, sexual harassment, etc.)
Authorized SDO Personnel	SDO	Monitors	• Deployed to the training venues to monitor and ensure that the conduct of the activity is consistent with the standards set by NEAP. • Provide brief observations and feedback to the Program Management Team on the implementation of the training.