



Republic of the Philippines
Department of Education
REGION III
SCHOOLS DIVISION OF BULACAN

May 4, 2026

DIVISION MEMORANDUM

No. 147, s. 2026

DIVISION TRAINING IN TEACHING MATHEMATICS FOR FOUNDATIONAL SKILL DEVELOPMENT IN KEY STAGE 1 (Project MATH-UP)

To: Assistant Schools Division Superintendents
Chief Education Supervisor CID
Education Program Supervisors
Public Schools District Supervisors
Public Elementary and Secondary School Heads
Public Elementary and Secondary School Teachers
All Others Concerned

1. Pursuant to the **Final Report of Education Commission II (EDCOM II)** the urgent need to address the learning crisis in the Philippines, noting that Filipino Learners struggle most in the area of foundational literacy and numeracy, hence, this Office announces the conduct of **Division Training in Teaching Mathematics for Foundational Skill Development in KS 1 (Project Math-Up)**, scheduled on May 12-14 at Fabian Hall, Sta. Maria Central School. This is a NEAP Certified PD Program with Certification No.: R3-PD-2026-0163-0420.
2. This training aims to capacitate KS 1 Mathematics teachers with the knowledge, skills, and strategies to apply Instructional Design Frameworks for the effective implementation of the revised K to 12 curriculum, with an emphasis on strengthening learners' foundational skills. More specifically, it aims to:
 - 2.1 Use appropriate Instructional Design Framework (ADDIE, 4A's, and 5E's) in planning and delivering Mathematics lessons.
 - 2.2 Develop learner-centered lesson exemplars that focus on mastery of foundational skills such as number sense, place value, the four fundamental operations, and problem solving.
 - 2.3 Demonstrate the 21st-century skills, critical thinking, collaboration, communication, and creativity in the teaching and learning of Mathematics.
 - 2.4 Design assessment tools and strategies to monitor and evaluate learners' numeracy progress and address learning gaps.
 - 2.5 Commit to implementing school-based interventions that will strengthen numeracy skills in Key Stage 1 and prevent the recurrence of learning difficulties in Key Stage 2.
3. The participants in this training are 153 Mathematics Teachers in KS 1, 6 Resource Speakers, 1 DEPS in Mathematics, 1 PSDS, 5 members of the Working Committee, and 1 Medical Team, for a total of 167.



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4. Teacher participants are entitled to vacation Service Credits in accordance with DepEd Order No. 013, s. 2024, "Revised Guidelines on the Grant of Service Credits for Teachers".
5. Enclosures No. 1 and 2 contain the training matrix, the list of resource speakers, and the members of the work committee for reference. Enclosure No. 3 is the list of participants
6. The participants are requested to bring their laptops and extension wire to be used during the training.
7. All expenses to be incurred in the conduct of this training shall be charged against the DIVISION INSET Fund, while the transportation allowance of the participants shall be charged to local school funds, subject to usual accounting and auditing rules and regulations.
8. There will be an online meeting with the selected Trainers and TWGs on May 8, 2026, at 3:00 PM. The meeting link shall be provided to the concerned.
9. This Memorandum also serves as travel authority of the participants, resource speakers, and the members of the technical working group.
10. Immediate and wide dissemination of this Memorandum is earnestly desired.


CECILIA E. VALDERAMA, PhD, CESO VI
Schools Division Superintendent



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Enclosure No. 1 of Division Memorandum No. 192, s. 2026

**DIVISION TRAINING ON TEACHING MATH FOR FOUNDATIONAL
 SKILL DEVELOPMENT IN KEY STAGES 1**

May 12-14, 2026

TRAINING MATRIX

DAY 1 (May 12)		DAY 1 (May 13)		DAY 1 (May 14)	
8:00-8:30	Opening Program Pretest <i>(Program Management Team)</i>	8:00-8:30	Recap and Energizer <i>(Program Management Team)</i>	8:00-8:30	Recap and Energizer <i>(Program Management Team)</i>
8:30-9:30	Plenary: EDCOM II Findings and Division RMA Results <i>(RP: Francisco B. Macale)</i>	8:30-10:00	Deep Dive: ADDIE Model in KS1 Mathematics <i>(RP: Melchor L. Espiritu Jr, PhD)</i>	8:30-10:00	Integrating 21 st Century Skills in Math Instruction <i>(RP: Ma. Delia DR. Geronimo)</i>
9:30-10:30	The Importance of Foundational Numeracy in Key Stage 1 <i>(RP: Christopher DG. Santiago, PhD)</i>	10:00-10:15	Health Break	10:00-10:15	Health Break
10:30-10:45	Health Break	10:15-12:00	Deep Dive: 4A's Model (Activity, Analysis, Abstraction, Application) <i>(RP: Mary Anne D. Santos, PhD)</i>	10:15-11:30	Assessment Strategies for Numeracy Development <i>(RP: Armando P. Valencia)</i>
10:45-12:00	Introduction to Instructional Design Frameworks (ADDIE, 4A's, 5E) <i>(RP: Rodelio Mendoza)</i>	12:00-1:00	Lunch Break	11:30-12:00	Designing Remediation and Intervention Programs <i>(RP: Mary Anne D. Santos, PhD)</i>
12:00-1:00	Lunch Break	1:00-2:30	Deep Dive: 5E Model (Engage, Explore, Explain, Elaborate, Evaluate) <i>(RP: Melchor L. Espiritu Jr, PhD)</i>	12:00-1:00	Lunch Break
1:00-2:30	Continuation of Instructional	2:30-3:30	Gallery Walk: Sharing of	1:00-2:30	School-Based Action Planning



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	Design Frameworks (ADDIE, 4A's, 5E) <i>(RP: Rodelio Mendoza)</i>		Lesson Exemplars		<i>(RP: Armando P. Valencia)</i>
2:30-3:30	Workshop: Aligning Frameworks	3:30-4:30	Synthesis: Choosing the Right Framework	2:30-3:30	Presentation of Action Plans <i>(RP: Michael C. Samson)</i>
3:30-4:30	Reflection and Synthesis <i>(Program Management Team)</i>			3:30-4:00	Commitment and Synthesis Setting <i>(Program Management Team)</i>
				4:00-4:30	Closing Program <i>(Program Management Team)</i>



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Enclosure No. 2 of Division Memorandum No. _____, s. 2026

**DIVISION TRAINING ON TEACHING MATH FOR FOUNDATIONAL
SKILL DEVELOPMENT IN KEY STAGES 1**

May 12-14, 2026

A. LIST OF RESOURCE SPEAKERS

District	School	Name	Position
SDO	SDO	Francisco B. Macale	EPS
SDO	SDO	Charito N. Laggui	PSDS
Bulakan	Bambang ES	Christopher DG. Santiago	Master Teacher I
San Rafael East	Caingin Elementary School	Rodella G. Mendoza	Principal III
Marilao South	Lias ES	Melchor L. Espiritu Jr.	Master Teacher I
Pandi South	Malibo Bata Elementary School	Mary Anne D. Santos	Teacher III
Hagonoy West	Don Miguel ES	Ma. Delia DR. Geronimo	Master Teacher I
Paombong	Paombong CS	Armando P. Valencia	Principal III
Norzagaray	SHS within Luis Gravador ES	Michael C. Samson	Head Teacher III

B. MEMBERS OF THE TECHNICAL WORKING GROUP

District	School	Name	Position
Norzagaray East	Timoteo Policarpio Memorial ES	Erwin S. Santiago	Teacher III
Angat	Atilano S. De Guzman ES	Charito T. Santos	Teacher III
Bustos	Liciada Elementary School	Arvin Aga S. Dimla	Teacher III
Calumpit South	Balite ES	Alvin S. Tolentino	Principal I
SDO	Health and Nutrition Unit	Analyn T. Cruz	Division Nurse
SDO	Health and Nutrition Unit	Ma. Leonora B. Ignacio	Division Nurse



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Enclosure No. 3 of Division Memorandum No. 197, s. 2026

**DIVISION TRAINING ON TEACHING MATH FOR FOUNDATIONAL
SKILL DEVELOPMENT IN KEY STAGES 1**

May 12-14, 2026

A. Key Stage 1 Teachers (Regular)

District	School	Name	Position
Bulakan	Matungao Elementary School	Maricel S. Dela Cruz	Teacher I
Bulakan	Marcelo H. Del Pilar Memorial School	Merly D. Tagapan	Teacher III
Bulakan	Tabang Elementary School	Ray Anne F. Bulalacao	Teacher I
Calumpit North	Bulusan Elementary School	Marilou C. Fesway	Teacher II
Calumpit North	Meyto Elementary School	Ruby Y. Custodio	Teacher I
Calumpit North	Pulo Primary School	Jilyn D. Torres	Teacher I
Calumpit South	Pungo Elementary School	Paula Jean R. Bautista	Teacher I
Calumpit South	Juan Pagdanganan Memorial Elementary School	Larra Fe C. Sarmiento	Teacher I
Calumpit South	Balite Elementary School	Klemen B. Joaquin	Teacher III
Hagonoy East	Abulalas Elementary School	Mary Grace C. Mapilisan	Master Teacher I
Hagonoy East	Iba Elementary School	Sheila F. De Guzman	Teacher III
Hagonoy East	San Agustin Elementary School	Daisy Jane D. De Guia	Teacher III
Hagonoy West	San Roque Elementary School	Cherry R. Tapaya	Teacher I
Hagonoy West	Victoriano C. Raymundo Elementary School	Jasmin Mae T. Raymundo	Teacher I
Hagonoy West	Hagonoy West Central School	Kharen Villanueva Tolosa	Teacher I
Paombong	Binakod Elementary School	Clowee Joi R. Dela Cruz	Teacher I
Paombong	Masukol Elementary School	Joann S. Marcelino	Teacher I
Balagtas	Balagtas Central School	Riza M. Unson	Teacher I
Balagtas	Balagtas CS	Wendy B. Molina	Teacher III
Balagtas	Marciano C. Rivera Elementary School		
Pulilan	Balatong Elementary School	Gladize SP Manahan	Teacher I
Pulilan	Inaon Integrated School	Jessica N. Gonzales	Teacher I
Pulilan	Tabon Elementary School	Kimberly C. Almera	Teacher I



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Bustos	Bulacan Heights Elementary School	Angelyn M. Cunanan	Teacher III
Bustos	Malamig Elementary School	Kristine Joy G. Feliciano	Teacher I
Bustos	Tibagan Elementary School	Jonalyn C. Reyes	Teacher I
Plaridel	Banga Elementary School	Flor Rachel S. Militante	Teacher III
Plaridel	Plaridel Elementary School	Janet A. Vicente	Teacher I
Plaridel	Lagundi Elementary School	Marianne E. Acuña	Teacher I
DRT	Durumugan Elementary School	Andrea V. Rosal	Teacher I
DRT	Camachin Elementary School	Clarissa E. Viado	Teacher I
DRT	Calumpit Elementary School	Armha Mae Dt. Dagoya	Teacher I
San Ildefonso North	Lapnit Elementary School	Jessa V. Disono	Teacher I
San Ildefonso North	Bulusukan Elementary School	Fancheska Mae G. Hizon	Teacher I
San Ildefonso North	Telapatio Elementary School	Krystal Joy D. Ramirez	Teacher I
San Ildefonso South	Sitio Pag-Asa Elementary School	Margierose Dc. Vargas	Teacher III
San Ildefonso South	Malipampang Elementary School	Maribeth G. Jumud	Teacher I
San Ildefonso South	Akle Elementary School	Maryrose Dc. Cruz	Teacher III
San Miguel Central	Bantog Elementary School	Remedy Joy C. Magat	Teacher I
San Miguel Central	Bagong Silang Elementary School	Marve Nicole R. Avendaño	Teacher I
San Miguel Central	Pangarayuman Elementary School	Gracelyn S. Sebeco	Teacher I
San Miguel North	Sta. Ines Elementary School	Myra C. Caseria	Teacher I
San Miguel North	Partida Elementary School	Loren Grace Liongson	Teacher I
San Miguel North	Bardias Elementary School	Wendelyn Chico De Leon	Teacher I
San Miguel South	Biak Na Bato Elementary School	Riza M. Diate	Teacher I
San Miguel South	Pacalag Elementary School	Maricris S. Cruz	Teacher I
San Miguel South	San Miguel Elementary School	Princess M. Victoria	Teacher I
San Rafael East	Caingin Elementary School	Mary Grace R. Bravo	Teacher I
San Rafael East	Sapang Pahalang Elementary School	Fei R. Dela Cruz	Master Teacher I
San Rafael East	Tukod Elementary School	Ma. Lourdes P. Correa	Teacher I
San Rafael West		Marife R. Cajés	Teacher III



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San Rafael West	Maguinao Elementary School	Ma. Elena T. Cruz	Teacher III
San Rafael West	Maguinao Elementary School	Carmencita V. Galvan	Master Teacher 1
Marilao North	Sta Rosa Ii Elementary School	Ma. Lourdes D. Bullido	Teacher III
Marilao North	Tabing Ilog Elementary School	Rosenda F. Cruz	Teacher I
Marilao North	Patubig Elementary School	Nenita P. Policarpio	Master Teacher I
Marilao South	Abangan Sur Elementary School	Divine Kristel D. Salcedo	Teacher I
Marilao South	Saog Elementary School	Editha V. Dealca	Teacher II
Marilao South	Lias Elementary School	Aileen V Rallos	Teacher III
Obando	Binuangan Elementary School	Carissa Joyce R. Loreche	Teacher I
Obando	Salambao Elementary School	Gretel R. Dela Cruz	Teacher I
Obando	San Pascual Elementary School	Zhaina D. Ramos	Teacher I
Balagtas	Northville VI Elementary School	Sherlyn V. Evangelista	Teacher I
Balagtas	Borol L Elementary School	Neriza P. Dela Cruz	Teacher I
Balagtas			
Bocaue	Bambang Elementary School	Michelle Y. Custodio	Teacher III
Bocaue	Batia Elementary School	Jennalyn M. Alvaran	Teacher I
Bocaue	Bunducan Elementary School	Cronica Angel P. Segovia	Teacher I
Guiguinto	Tiaong Elementary School	Justine Maei L. Matote	Teacher I
Guiguinto	Tuktukan Elementary School	Janice J. Tamayo	Teacher I
Guiguinto	Tabe Elementary School	Olly Rose V. Cepillo	Teacher I
Pandi North	Pandi Residences Elementary School	Sheena Mae Dr. Umpacan	Teacher I
Pandi North	Mapulang Lupa Elementary School	Pauline J. De Castro	Teacher I
Pandi North	Siling Matanda Elementary School	Ross Lyn T. Gole Cruz	Teacher I
Pandi South	San Antonio Abad Elementary School	Princess Iris Dg. Guansing	Teacher I
Pandi South	Bunsuran III Elementary School	Ma. Dina G. Cerin	Teacher III
Pandi South	San Isidro Labrador Elementary School	Richelle G. Silvestre	Teacher I
Angat	Matias A. Fernando Memorial School	Maricris M. Carreon	Teacher II
Angat	Osias M. Esteban Elementary School	Mira Lou D. Cruz	Teacher I



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Angat	Paltok Elementary School	Rowena C. Silvestre	Master Teacher I
Norzagaray East	Apugan Elementary School	Alma L.Barrot	Master Teacher I
Norzagaray East	Timoteo Policarpio Memorial Es	Gwindylen M. Cruz	Master Teacher I
Norzagaray East	San Mateo Es	Joselyn M. Escalada	Master Teacher I
Norzagaray West	Luis Gravador Elementary School	Ma. Joyce Anne C. Bautista	Master Teacher I
Norzagaray West	Matictic Integrated School	El Jone S. Creencia	Teacher III
Norzagaray West	Bangkal Elementary School	Unique S. Cavistany	Teacher II
Sta. Maria Central	Miguel M. Cruz Memorial School	Sarah S. Andaya	Teacher I
Sta. Maria Central	Jose Juan Serapio Elementary School	Queen Elizabeth A. Sta.Ana	Teacher I
Sta. Maria Central	Sta. Cruz Elementary School	Ma. Victoria Olah A. Basada	Teacher I
Sta. Maria East	Tabing Bakod Elementary School	May Celeste R. Cruz	Teacher I
Sta. Maria East	Bagbaguin Elementary School	Severina Gc. De Vera	Teacher I
Sta. Maria East	Parada Elementary School	Gena G. Delrosario	Teacher I
Sta. Maria West	Balasing Elementary School	Shirly Joy Ds. Mangahas	Teacher I

B. Key Stage 1 Teachers (SSES Implementing Schools)

Angat	Matias A. Fernando MS	Vilma V. De Guzman	Teacher III
Angat	Francisco F. Illescas ES		
Balagtas	Balagtas CS	Wendy B. Molina	Teacher III
Balagtas	Balagtas Cetral School	Riza M. Unson	Teacher I
Balagtas	Marciano C. Rivera Elementary School		
Bocaue	Cong. Erasmo R. Cruz MCS	Candy DC. Losito	Teacher I
Bocaue	Lolomboy ES	Maria Lourdes C. Santos	Teacher III
Bocaue	Northville V ES	Novabel B. Ragiles	Master Teacher I
Bocaue	Taal ES		
Bocaue	St. Martha ES	Dianne G. Reyes	Teacher I
Bulakan	Gen. Gregorio Del Pilar IS	Jennilyn G. Concepcion	Teacher I
Bulakan	Bambang ES	Rovielyn L. Gloria	Teacher III
Bustos	Bonga Menor ES	Jocelyn S. Santos	Teacher I
Bustos	Bustos ES	Kathleen Mae B. Angeles	Teacher I
Bustos	Liciada ES	Celeste G. Nicolas	Teacher I



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Calumpit North	F. Mendoza Mes	Maria Glynis M. Sunga	Teacher III
Calumpit South	Calumpit Cs	Valerie Ann B. Punzalan	Master Teacher II
Calumpit South	San Marcos Es	Elsie C. Galarion	Master Teacher I
Guiguinto	Guiguinto CS	Janica Rose B. Hari	Teacher II
Guiguinto	Malis ES	Leah A. De Guzman	Teacher III
Guiguinto	Sta. Rita ES	Luisa G. Cunanan	Master Teacher I
Hagonoy East	Hagonoy East Cs	Herminia D. Angeles	Master Teacher I
Hagonoy East	Hangga Es	Nancy M. Bautista	Teacher III
Hagonoy West	Hagonoy West Cs	Maria Teresa G. Fornacil	Teacher III
Hagonoy West	Hagonoy West Cs	Clarissa P. Borlongan	Teacher III
Marilao North	Prenza Es		
Marilao South	Marilao Central Is	Roselle A. Castro	Teacher I
Norzagaray East	Timoteo Policarpio Es	Gladys R. Aloyon	Teacher I
Norzagaray West	Norzagaray Es	Shirley C. San Pedro	Teacher III
Obando	Obando CS	Kimberly B. Arrojo	Teacher I
Obando	Paco ES	Analisa B. Cristobal	Teacher III
Obando	San Pacual ES	Beatriz S. Marquez	Teacher I
Pandi South	Bunsuran Es	Hazel Joyce M. Curay	Teacher I
Paombong	Paombong CS	Carrise Angeline G. Macion	Teacher III
Plaridel	Banga ES	Maritess DC. Isaac	Teacher VI
Plaridel	Plaridel CS	May Luningning A. Desiderio	Master Teacher II
Pulilan	Pulilan CS	Mariel B. Cruz	Teacher III
Pulilan	Segundo Esguerra Sr. MES	Elaine T. Fernando	Teacher III
Pulilan	Inaon IS	Ana S. Lumba	Teacher I
Pulilan	Sto. Cristo ES	Maria Clarita S. Arceo	Teacher III
Pulilan	Balatong ES	Ronna S. Tagle	Teacher III
San Ildefonso North	San Ildefonso Es	Lilibeth B. Nieto	Teacher III
San Ildefonso North	Anyatam Es	Veronica L. Villanueva	Teacher III
San Ildefonso South	Pinaod Cs	Eunice P. Agustin	Teacher I
San Ildefonso South	Malipampang Es	Joyce V. Santos	Teacher I
San Miguel South	San Miguel Es	Wenny Rose P. Concepcion	Teacher Iii
San Miguel South	Don Felix De Leon Ms	Alyssa Marie J. Gotomanga	Teacher I
San Miguel North	San Miguel North Cs	Jocelyn B. Manalastas	Teacher III
San Rafael East	San Rafael Cs	Claudia V. Cruz	Teacher III
San Rafael East	Caingin Es	Baby Irene I. Regala	Teacher III
San Rafael West	Maguinao Es		
San Rafael West	San Roque Es		
Sta. Maria Central	Sta. Maria Cs	Sherryl G. Malicdim	Master Teacher II
Sta. Maria Central	Sta. Cruz Es	Ruth L. Galgo	Teacher I
Sta. Maria Central	M.M. Cruz Ms	Lora Jane M. Miranda	Teacher I
Sta. Maria Central	Sta. Clara Es	Pricila C. Geronimo	Master Teacher I



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Sta. Maria Central	Jose Juan Serapio Es	Mary Grace L. De Vera	Teacher I
Sta. Maria Central	Guyong Es	Rizza M. Cablesuelas	Teacher I
Sta. Maria West	Cornelia De Jesus Mcs	Rodalyn D. Trapago	Teacher III
Sta. Maria West	Cay Pombo Es	Melisa P. Nicolas	Teacher III
Sta. Maria East	Parada Es	Leile Flor Dr. Mateo	Master Teacher I
Sta. Maria East	San Vicente Gulod Es	Maribel C. Pascual	Teacher I
San Miguel Central	Tartaro Es	Carmina B. Chico	Teacher I