



Republic of the Philippines
Department of Education
REGION XI
SCHOOLS DIVISION OF DAVAO DE ORO



Office of the Schools Division
Superintendent

October 20, 2023

DIVISION MEMORANDUM
CID-2023- 872

**INSTRUMENTATION AND IMPROVISATION IN SCIENCE AND
MATHEMATICS TEACHING AND LEARNING**

To: Public Schools District Supervisors
District Coordinating Principals
Secondary School Administrators
All Others Concerned

1. Herewith is a Regional Memorandum CLMD-2023-659, re: Instrumentation and improvisation in science and mathematics teaching and learning on October 26-28, 2023, at the Pinnacle Hotel and Suites, Sta. Ana Avenue, Davao City. Attached is the list of participants for reference.
2. Service credits shall be granted to all teacher participants while Compensatory Overtime Credits (COC) shall be granted to non-teaching personnel for the services rendered during Saturday (DepEd No. 53, 2003) for schedules that fall on Saturdays and Sundays.
3. The venue, meals, and training kits shall be charged to DOST-SEI while the transportation, accommodation, and other incidental expenses of the participants shall be charged to the local funds, all subject to usual government accounting and auditing rules and regulations.
4. To ensure no disruption of classes, teacher participants shall see to it that classes will be taken over by an adviser or other teacher, or a blended modality is implemented.
5. Other details of this Memorandum are contained in the enclosures.
6. Immediate dissemination of this Memorandum is desired.

By the Authority of the
Schools Division Superintendent:

ARLYN B. LIM PhD
OIC-Assistant Schools Division Superintendent
Officer-In-Charge



Address: Capitol Complex, Brgy. Cabidanan, Nabunturan, Davao de Oro
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Doc. Ref. Code	PAWIM-F-021	Rev	00
Effectivity	09.12.22	Page	1 of 2



Republic of the Philippines
Department of Education
REGION XI
SCHOOLS DIVISION OF DAVAO DE ORO

**Office of the Schools Division
Superintendent**

List of Participants
October 26-28, 2023
Pinnacle Hotel and Suites, Sta. Ana Avenue, Davao City

NAME	POSITION	SCHOOL
Science		
1. Chuchie F. Yog	DCP	Pantukan South
2. Sandy G. Yee	Principal IV	Nabunturan NCHS
3. Norman G. Jandog	Principal IV	Compostela NHS
4. Ritchie A. Ligid	School In-Charge	Magcagong NHS
Mathematics		
5. Pebble Pumikpik	HT	Mabini NHS
6. Romualdo U. Suan	HT III	Lorenzo S. Sarmiento NHS
7. Corazon T. Cantutay	HT III	Atty. Orlando S. Rimando NHS
8. Raynilda P. Arenas	HT I	Bongabong NHS
9. Jerry A. Espina	HT III	Pantukan NHS



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Republic of the Philippines
Department of Education
DAVAO REGION

Office of the Regional Director

REGIONAL MEMORANDUM
CLMD-2023-659

To : Schools Division Superintendents

Subject: **INSTRUMENTATION AND IMPROVISATION IN SCIENCE
AND MATHEMATICS TEACHING AND LEARNING**

Date : October 17, 2023

The Department of Science and Technology-Science Education Institute (DOST-SEI) in collaboration with the University of Southeastern Philippines and the Department of Education Region XI will hold a training session on Instrumentation and Improvisation in Science and Mathematics Teaching and Learning on October 25-28, 2023 at the Pinnacle Hotel and Suites, Sta. Ana Avenue, Davao City.

Participants in this activity are listed in the enclosures.

Service credits shall be granted to all teacher participants while Compensatory Overtime Credits (COC) shall be granted to supervisors and other non-teaching personnel for the services rendered during Saturday (DepEd No. 53, s. 2003) for schedules that fall on Saturdays and Sundays.


The venue, meals, and training kits shall be charged to DOST-SEI while the transportation, accommodation, and other incidental expenses of the participants shall be charged to local funds, all subject to the usual accounting and auditing rules and regulations.

Immediate dissemination of this Memorandum to the concerned is desired.

ALLAN G. FARNAZO

Director IV By the Authority of the Regional Director

ROC2/mlib


ROY T. ENRIQUEZ
Chief Administrative Officer
Officer-In-Charge



Address: F. Torres St., Davao City (8000)
Telephone Nos.: (082) 291-1665; (082) 221-6147

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Republic of the Philippines
Department of Education
DAVAO REGION

Office of the Regional Director

List of Science Participants for DOST-SEI

No.	Name	Designation	School	Division
1	Jay Ar P. Ronda	Acting Assistant Principal	Matanao NHS	Davao del Sur
2	Jimmy Rey O. Cabardo	Head Teacher III	Hagonoy NHS	Davao del Sur
3	Nestor R. Amoroso	School Principal III	Inawayan NHS	Davao del Sur
4	Romualdo G. Pajigal Jr.	School Principal IV	Barayong NHS	Davao del Sur
5	Rosalia V. Bautista	EPS	SDO	Davao del Sur
6	Sara Jane D. Rabuya	Principal III	Baganga NHS	Davao Oriental
7	Girlie J. Balante,	Principal IV	E. Moralizon NVHS	Davao Oriental
8	Rochelyn D. Penales	Principal II	Nangan National HS	Davao Oriental
9	Agustin D. Cua	Principal I	Talisay NHS	Davao Oriental
10	Merlyn M. Lasaca	EPS	SDO	Davao Oriental
11	Marissa B. De Leon	Principal I	Cogon NHS	IGACOS
12	Roxan Refugio	Head Teacher 1	Nieves Villarica NHS	IGACOS
13	Cecille Canete	Head Teacher 1	Samal NHS	IGACOS
14	Ritchelle D. Guimte, EdD	EPS	SDO	IGACOS
15	Mervin G. Salmon	PSDS	SDO	Tagum City
16	Oliver L. Gumapac	SIC/Head Teacher VI	Busaon Integrated School	Tagum City
17	Noel G. Escobal	SIC/Asst. School Principal II	Liboganon Integrated School	Tagum City
18	Adelfa M. Miguel	School Principal I	Laureta National High School	Tagum City
19	Honey Lynne A. Boyles	EPS	SDO	Tagum City



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	Education Program Supervisor			
20	Lalaine Mortalla	Science Dept. Head	Digos City National HS	Digos City
21	King Devesfruto	SST-Officer-in-Charge	Goma National HS	Digos City
22	Noba Rubion	Principal II	Kapatagan NHS	Digos City
23	Luzminda B. Jasmin	EPS	SDO	Digos City
24	Ermina G. Lara	School In-Charge	Mariano Peralta NATIONAL HS-COLAGSING EXTENSION	Davao Occidental
25	Jaycel A. Rigor	School In-Charge	STA.MARIA NHS- SAN JUAN EXTENSION	Davao Occidental
26	Jeanilyn R. De Asis	School In-Charge	Heracleo Casco Mnhs - Colagsing Extension	Davao Occidental
27	Irine C. Mahinay	EPS	SDO	Davao Occidental
28	Henedena C. Tamba	Head Teacher II	Dr S Dakudao National High School	Davao City
29	Irose P. Pahila	Head Teacher II	Don E. Bustamante NHS	Davao City
30	May-Ann O. Rivera, EdD	Head Teacher III	AL Navarro National High School	Davao City
31	Mailee D. Malig-on, EdD	Head Teacher III	Maa National High School	Davao City
32	Alfredo C. Cabonillas	Head Teacher VI	Davao City NHS	Davao City
33	Rachel B. Inting	Principal 1	Culian ES	Mati City
34	Maria Victoria L. Loon	Principal 1	Dawan NHS	Mati City
35	Lady Lyn S. Lintuan	Teacher-In-Charge	Buso NHS	Mati City
36	Elfleda C. Dionio	EPS	SDO	Mati City
37	1. Divina P. Pelobello	HT-III	Asuncion NHS	Davao del Norte
38	2. Aubrey Grace S. Lagare	HT-III	Kapalong NHS	Davao del Norte



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39	Fermin F. Celada Jr.	HT-III	New Corella NHS	Davao del Norte
40	Kriztian R. Ibaos	HT-III	Sto. Tomas NHS	Davao del Norte
41	Evelyn Grace H. Labasan	EPS	SDO	Davao del Norte
42	Chuchie F. Yog	Principal IV/ DCP	Tambongong NHS/ Pantukan South	Davao de Oro
43	Sandy G. Yee -	Principal IV	Nabunturan National Comprehensive High School	Davao de Oro
44	Norman G. Jandog	Principal IV	Compostela National High School	Davao de Oro
45	Ritchie A. Liguin	SCHOOL IN-CHARGE	Magcagong National High School	Davao de Oro
46	Maria Fe Balatero Panabo City NHS	HT-III	Panabo City NHS	Panabo City
47	Carolyn Rubino	Principal-II	Don Manuel A. Javellana Memorial NHS	Panabo City
48	Chonalyn C. Doctora	Principal -II	AO Floirendo NHS	Panabo City
49	Marivene-P. Espinosa	Principal III	Southern Davao NHS	Panabo City
50	Ylcy B. Manguilimotan EPS	EPS	SDO	Panabo City
51	Maria Liza I. Berandoy	EPS	RO XI	DepEd RO XI - CLMD

Prepared by:


Maria Liza I. Berandoy, EdD



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Improvisation and Instrumentation Training (Mathematics)
October 26-28, 2023

	Names	Position	School / Office	Division
1	Maria Ligaya R. Romero	Principal III	Davao City Special School	Davao City
2	Antonio A. Apat	EPS	Sdo- Davao City	Davao City
3	Nick B. Jamisola	Principal I	Bernardino B. Bosque NHS	Davao City
4	Joberth A. Sabanal	Principal I	Binawang National High School	Davao City
5	Mirasol O. Fabuna	Principal I	Buhisan National High School	Davao City
6	Renato N. Pacpakin	EPS	Sdo-Ddo	Davao De Oro
7	Romualdo U. Suan	HT III	Lorenzo S. Sarmiento NHS	Davao De Oro
8	Corazon T. Cantutay	HT III	Atty. Orlando S. Rimando NHS	Davao De Oro
9	Raynilda P. Arenas	HT I	Bongabong NHS	Davao De Oro
10	Jerry A. Espina	HT III	Pantukan NHS	Davao De Oro
11	Medos O. Jala	EPS	Sdo Davao	Davao Del Norte
12	Emmanuel P. Abuzo	MT II	Sawata Nhs	Davao Del Norte
13	Jumar C. Cales	MTII	Asuncion Nhs	Davao Del Norte
14	Bayani N. Escoton	School Head/HT II	Upper/Lower Mabini Es	Davao Del Norte
15	Ian C. Barte	MT I	Tanglaw NHS	Davao Del Norte
16	Boyshin B. Rebalde	DIVISION MATH COORDINATOR	Sdo-Davao Oriental	Davao Oriental
17	Ryan N. Pequiro	HEAD TEACHER I/SCHOOL HEAD	Tamban National High School	Davao Oriental
18	Erwin M. Lad	PRINCIPAL I	Tarragona National High School	Davao Oriental
19	Bernabe S. Reputana	PRINCIPAL II	Manuel S. Nasser Sr. National High School	Davao Oriental
20	Rosario T. Matayab	PRINCIPAL I	Tubaon National High School	Davao Oriental
21	Alicia I. Ayuste	EPS	Cid - Sdo Dvo Sur	Davao del Sur
22	Lilibeth B. Torres	PSDS	Matano II District	Davao del Sur
23	Delarey Florentino	Principal IV	Matanao NHS	Davao del Sur
24	Josephine A. Aragon	Principal II	Sta. Cruz NHS	Davao del Sur
25	Isabelito F. Poncardas	Principal II	Federico Yap Nhs	Davao del Sur
26	Romeo M. Parreño	Education Program Supervisor	Sdo-Davao Occidental	Davao Occidental
27	Jefrey B. Bagongon	Public Schools District Supervisor	Sarangani District	Davao Occidental
28	Aldrin G. Bueno	Public Schools District Supervisor	Don Marcelino District	Davao Occidental
29	Jason M. Delos Reyes	Principal II	Heracleo Casco Memorial Nhs	Davao Occidental
30	Felipa C. Ceballos	Principal I		Davao Occidental
31	Jem Boy B. Cabrella	Education Program Supervisor	Cid - Sdo Digos City	Digos City
32	Eduardo P. Paller, Jr.	School-Principal I	Binaton Elementary School	Digos City
33	Rex C. Sayson	Master Teacher I - SIC	Dulangan Elementsry School	Digos City
34	Jernalyn L. Castro	Master Teacher II	Digos City National High School	Digos City
35	Darwin Z. Polido	Education Program Supervisor	Sdo	IGACOS
36	Noel Mamac	Principal I	Samal NHS	IGACOS
37	Shernel Ibot	Head Teacher I	Don Esteban	IGACOS
38	Michaël Lloveras	SIC	Remedios Ortiz Nhs	IGACOS
39	Jessica M. Lumapas	Principal I	Davao Oriental Reg'l Science Hs	Mati City
40	Jonathan G. Dizon	Principal I	Catmonan Elementary School	Mati City
41	Ramil G. Awa-Ao	Principal I	Baso Elementary School	Mati City
42	Arnulfo A. Lutog	SHS Asst. Principal II	Mati National Comp. High School	Mati City
43	Carolyn M. Arado	EPS	Cid- Panabo City	Panabo City
44	Arlen A. Jumariay	Principal I	Quezon NHS	Panabo City
45	Edarlina Bitang	Master Teacher I-SIC	Manay NHS	Panabo City
46	Behnjho S. Martín	Principal I	Nanyo NHS	Panabo City
47	Maria Fe D. Sibuan	EPS	Sdo-Tagum	Tagum City
48	Ricardo C. Remoreras	PSDS	Sdo-Tagum	Tagum City
49	Daniel S. Tababa	PSDS	Sdo-Tagum	Tagum City
50	Ebus Sandukan, Jr	Principal I	Canocotan National Hs	Tagum City



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DEPARTMENT OF EDUCATION
DIVISION OFFICE - DAVAO CITY

Service Excellence Framework

09 October 2023

DR. ALLAN G. FARNAZO
Regional Director
Department of Education
Regional Office XI
Davao City

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Dear Dr. Farnazo:

We are pleased to inform you that the Science Education Institute of the Department of Science and Technology (DOST-SEI) will now be conducting the regional training for the project *Science Teacher Academy for the Regions (STAR)*. This year's training for teachers will be on "**Instrumentation and Improvisation In Science and Mathematics Teaching and Learning.**" This training aims to rationalize the importance of instrumentation and improvisation in developing mastery of essential learning competencies in science and mathematics. It also aims to design improvised teaching and learning materials/resources using the design thinking process for the use in the actual classroom teaching and learning.

In this regard, we would like to invite the school heads and division supervisors, in science and mathematics, from your region (50 science and 50 mathematics) to participate in the STAR regional training to be held on **October 26-28, 2023**, in Davao City. The DOST-SEI will shoulder the venue, food, and training kits. The participants, on the other hand, will shoulder the transportation and accommodation during their attendance to the training. Moreover, we would like to invite your Education Program Supervisors and STAR trainers, **Ms. Herminia Bantiding** and **Ms. Maria Liza Berandoy**, to help us in facilitating the lecture-discussions/workshops.

Should you have further queries regarding the training, our staff, **Ms. Mary Angelica (Lycka) Palomo**, may be reached at mobile number 0977 258 7615 or at email address seld.trainingunit@gmail.com.

Thank you and we look forward to your positive response to our request.

Very truly yours,

Joseette T. Biyo
JOSETTE T. BIYO, Ph.D.
Director