



Republic of the Philippines
Department of Education
REGION XI
SCHOOLS DIVISION OF DIGOS CITY

Office of the Schools Division Superintendent

DIVISION MEMORANDUM

CID-2023-470

To : CID Chief
Public Schools District Supervisors
Education Program Supervisors in Science and Mathematics
Public Elementary and Secondary School Heads
Public Elementary and Secondary School Teachers
All Others Concerned

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

Date : October 23, 2023

In pursuant to RM-CLMD-2023-659 dated October 17, 2023, entitled "Instrumentation and Improvisation in Science and Mathematics Teaching and Learning," this Office enjoins the identified participants to attend to a training session on Instrumentation and Improvisation in Science and Mathematics Teaching and Learning on October 26 to 28, 2023 at the Pinnacle Hotel and Suites, Sta. Ana Avenue, Davao City.

The following are the participants of this activity from our Schools Division Office, to wit:

| No. | Name | Designation / Position | School / Office |
|-----|------------------------|------------------------------------------|---------------------------------|
| 1 | Lalaine Mortalla | Science Department Head | Digos City National High School |
| 2 | King Devesfruto | School Head | Goma National High School |
| 3 | Noba Rubion | Secondary School Principal II | Kapatagan National High School |
| 4 | Eduardo P. Paller, Jr. | Elementary School Principal I | Binaton Elementary School |
| 5 | Rex C. Sayson | Master Teacher I / School Head | Dulangan Elementary School |
| 6 | Jernalyn L. Castro | Master Teacher II / Math Department Head | Digos City National High School |
| 7 | Luzminda B. Jasmin | Education Program Supervisor-Science | CID – SDO Digos City |
| 8 | Jem Boy B. Cabrella | Education Program Supervisor-Mathematics | CID – SDO Digos City |

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.



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 Order No. 53, s. 2003) for schedules that fall on Saturdays and Sundays.

Immediate dissemination of this Memorandum to the concerned is desired.

M. Estacio
MELANIE P. ESTACIO, PhD, CESO VI
OIC – Schools Division Superintendent

DepEd Schools Division of Digos City
RECORDS SECTION
RELEASED
22-110658
DATE: DEC 23 2023 TIME: 2:01 PM
BY: [Signature]

Enclosed: As stated.

CID/jbc



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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 26-28, 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.

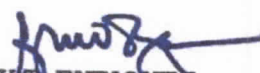
The venue, meals, and training kits shall be charged to DOST-SEI while the transportation, accommodation, and other incidental expenses of the participants shall be charged to local funds, all subject to the usual accounting and auditing rules and regulations.

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 1 | 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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Republic of the Philippines
Department of Education
 DAVAO REGION

Office of the Regional Director

| | 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. Liguid | 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 | Jobberth A. Sabanal | Principal 1 | Binowang National High School | Davao City |
| 5 | Mirasol O. Fabuna | Principal 1 | 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. Oriando 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 Davor | 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 COORDINA | Sdo-Davao Oriental | Davao Oriental |
| 17 | Ryan N. Pequiro | HEAD TEACHER I/SCHOOL I | 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 S | 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 li 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 Supervi | Sdo-Davao Occidental | Davao Occidental |
| 27 | Jefrey B. Bagongon | Public Schools District Supe | Sarangani District | Davao Occidental |
| 28 | Aldrin G. Bueno | Public Schools District Supe | 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 Supervi | 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 Supervi | Sdo | IGACOS |
| 36 | Noel Mamac | Principal I | Samal NHS | IGACOS |
| 37 | Shernel Ibot | Head Teacher I | Don Esteban | IGACOS |
| 38 | Michael 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. Jumamoy | Principal I | Quezon NHS | Panabo City |
| 45 | Edarlina Bitang | Master Teacher I-SIC | Manay NHS | Panabo City |
| 46 | Behnjho S. Martin | 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 |

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 seid.trainingunit@gmail.com.

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

Very truly yours,

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