

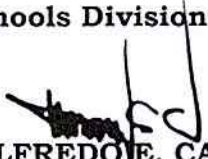


Republic of the Philippines
Department of Education
 NATIONAL CAPITAL REGION

REGIONAL MEMORANDUM

ORD-2023-698

To : Schools Division Superintendents

From :  **WILFREDO E. CABRAL, CESO III**
Regional Director

Subject : Instrumentation and Improvisation in Science and Mathematics Teaching and Learning

Date : July 28, 2023

This is in reference to the attached letter from the Department of Science and Technology–Science Education Institute dated July 21, 2023, signed by Director Josette T. Biyo, Ph.D., relative to the above-captioned subject which is self-explanatory, for information and appropriate action.

Attached herewith as Annex A the list of participants in the training on August 3-5, 2023 within NCR. Training kits and meals shall be provided to all participants while travel shall be charged to local funds subject to usual accounting and auditing rules and regulations.

Teachers shall be entitled to service credits in accordance with DepEd Order No. 53, s. 2003 entitled *Updated Guidelines on the Grant of Vacation Service Credits to Teachers*. On the other hand, non-teaching including the management staff shall be provided with Compensatory Time-Off (CTO) per Civil Service Commission (CSC) and Department of Budget and Management (DBM) Joint Circular No. 2, s. 2004 on *Non-Monetary Remuneration for Overtime Service Rendered*.

For questions or clarifications, you may email the following Education Program Supervisors in the Curriculum and Learning Management Division:

- Micah G. Pacheco at micah.pacheco@deped.gov.ph
- Bernadeth C. Daran at bernadeth.daran@deped.gov.ph.

Immediate dissemination and compliance of this Memorandum is desired.

CLMD/bcd



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ANNEX A: List of Participants

SDO	Name	School / Office	Position
Caloocan City	Dr. Emitterio D. Macarubbo	SDO Caloocan	Science EPS
	Jennifer B. Mondoy	SDO Caloocan	Mathematics EPS
	Honleth M. Romblon	Tala High School	Master Teacher II
	Edwin T Guillermo	Talipapa High School	Master Teacher I
	Maryann B. Navarro	Bagong Silang High School	Master Teacher I
	Rowell V. Bayaoa	Amparo Elementary School	Master Teacher 1
	Fel Rose Ignacio	Caloocan National Science & Technology HS	Teacher 3
	Michelle Cariaga	Caloocan City Science HS	SST 1
Las Pinas City	Laprizal P. Castueras	SDO Las Pinas	Science EPS
	Gina L. Aguitez	SDO Las Pinas	Math EPS
	Eric James Paguio	Las Pinas National High School	Master Teacher II
	Reynaldo A. Gayas Jr.	Las Piñas City National Science High School	Master Teacher I
	Famela D. Torio	Golden Acres National High School	Master Teacher I
	Reggie E. Manzano	Las Piñas National High School	Teacher III
Makati City	Hernan L. Apurada	SDO Makati	Science EPS
	Michael R. Lee	SDO Makati	Math EPS
	John Mark D. Pontrivida	San Isidro National High School	Teacher III
	Jenelyn A. Agbay	San Antonio National HS	Teacher III
	Reverie I. Vargas	Benigno Ninoy S. Aquino High School	Teacher III
	Paul James M. Resulto	Makati High School	Teacher I
Malabon City	Manolo C. Davantes Jr	SDO Malabon	Science EPS
	Evelyn C. Callada	SDO Malabon	Math EPS
	Jerick N. Escobar	Tinajeros National High School	Master Teacher I
	Mariel G. De Jesus	Panghulo National High School	Master Teacher II
	Ma. Angelika Dei G. Avila	Catmon Integrated School	Teacher III
	Joerey F. Siyang	Dampalit Elementary School-1	Master Teacher 1
Mandaluyong City	Restituto I. Rodelas	SDO Mandaluyong	Math EPS
	Roxane Villanueva	SDO Mandaluyong	Science EPS
	Ian Paul A. Civico	Senate President Neptali A. Gonzales Integrated School	Teacher 1
	Lyn M. Santiago	Pleasant Hills Elementary School	Master Teacher II
	Hazel Ann Tividad	Mandaluyong High School	Master Teacher 1
	Audeyte Pabon	City of Mandaluyong Science High School	Master Teacher 1
Manila City	Merie Gerlie V. Capiral	SDO Manila	Science EPS
	Remylinda T. Soriano	SDO Manila	Math EPS
	Ma.Chat Donna V. Ofilas-Hadi	Ramon Magsaysay HS	Master Teacher 1
	Alexis S. Rodelas	M.L. Quezon HS	Master Teacher 1
	Neil Juvert Valentino	Arellano HS	Master Teacher 1
	Mike V. Tibulan	Lakan Dula High School	Teacher II
	Albert F. Perez	V. Mapa High School	Master Teacher 1
	Ken-Ken A. Bormate	M. Marcos Memorial High School	Teacher li





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SDO	Name	School / Office	Position
Marikina City	Jessica S. Mateo	SDO Marikina	Science EPS
	Dominador J. Villafria	SDO Marikina	Math EPS
	Aurora A. Lazaro	Nangka High School	Master Teacher 1
	Jemwel Dela Paz	Concepcion Integrated Sch.Sec.	Master Teacher 1
	Immanuel Ian M. Reodique	Marikina ES	Teacher III
	Mia R. Esperanza	Malanday ES	Master Teacher 1
Muntinlupa City	Armida S. Oblinada	SDO Muntinlupa	EPS
	Benjamin M. Maala	Tunasan National High School	Teacher II
	Kristine Pauline C. Ronquillo	Tunasan National High School	Teacher I
	Krystelle R. Dumlaog	Tunasan National High School	Teacher II
	Mara A. Libutan	Tunasan National High School	Teacher II
	Elizabeth Gabutan	Cupang Senior High School	Master Teacher 2
Navotas City	Jocelyn R. Agulto	SDO Navotas	Science EPS
	Alberto J. Tiangco	SDO Navotas	Math EPS
	Socorra B. Retuya	Navotas National HS	Master Teacher 1
	Don King Evangelista	Navotas National Science HS	Teacher I/ OIC - Asst Principal
	Rodolfo S. Toledo Jr.	San Rafael TVHS	Teacher
	Jefferson S. Pabustan	San Rafael TVHS	Master Teacher 1
Paranaque City	Corazon A. Javier	SDO Paranaque	Science EPS
	Emma R. Cunanan	SDO Paranaque	Math EPS
	Crisanto P. Dela Torre	Paranaque National High School-Main	Master Teacher II
	Ma. Theresa G. Baita	Paranaque Science High School	Teacher III
	Dennis Reganit	Moonwalk National High School	Head Teacher III
	Jessa Agsalon	Paranaque National High School-Main	Special Science Teacher I
Pasay City	Maripaz T. Mendoza	SDO Pasay	Science EPS
	Rogelio S. Junio	SDO Pasay	Math EPS
	Ma. Elma V. Amongol	Pasay City South High School	Head Teacher VI
	Sara Jane T. De Los Santoa	Pasay City South High School	Master Teacher II
	Lilibeth T. Miralles	Pasay City West HS	Teacher III
	Rexielle Joy V. Villareal	Pasay City National Science HS	Teacher II
Pasig City	Liza A. Alvarez	SDO Pasig	EPS
	Ephraim Villacrusis	Pasig City Science High School	Master Teacher 1
	Nermie B. Abuan	Sta. Lucia High school	Master Teacher
	Eric T. Pacheco	Rizal High School	Master Teacher I
	Randell A. Diaz	Rizal High School	Teacher III
	Joshua Elijah P. Gerona	Rizal High School	Master Teacher I





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SDO	Name	School / Office	Position
Quezon City	Maria Pilar O. Capalongan	SDO Quezon City	Science EPS
	Joel P. Feliciano	SDO Quezon City	Math EPS
	Digna C. Paningbatan	Quezon City Science HS	Master Teacher II
	Madonna B. Tabuzo	Culiat HS	Master Teacher II
	Werle Ching R. Tiangco	Novaliches HS	Teacher I
	Ronaldo A. Borja	Ramon Magsaysay (Cubao) HS	Master Teacher 2
	Norie E. Sabayan	Maligaya High School	Master Teacher 2
	Orlando Nolasco Jr.	Ismael Mathay Sr. High School	Master Teacher 2
San Juan City	Bradley Goldie K. Loo	SDO San Juan	Science EPS
	Helen S. Acedo	SDO San Juan	Math EPS
	Angela Atisor	San Juan City Science HS	Teacher 2
	Pheljoy T. Macavinta	San Juan City Science HS	Teacher 1
Taguig City and Pateros	Marivic T Almo	SDO TaPat	EPS
	Janeth G. Mamansag	Taguig Science High School	Master Teacher 2
	Jayar E. Longasa	Western Bicutan National High School	Master Teacher 1
	Chona Panopio	Bagumbayan National High School	Teacher II
	Joey N. Abergos	Taguig National High School	Master Teacher I
	Mardy E. Mariquit	Bagumbayan National High School	Teacher I
Valenzuela City	Maria Lea Q. Prondo	SDO Valenzuela	Science EPS
	Marilyn B. Soriano	SDO Valenzuela	Math EPS
	Bernardo S. Sevilla	Parada NHS	Head Teacher III
	Mylene C. Rosco	Malinta NHS	Master Teacher I
	Marlon Baquillos	Justice Eleazar Delos Santos NHS	Teacher I
	Fidencio C. Carreon Jr.	Dalandanan NHS	Master Teacher I





21 July 2023

DR. WILFREDO CABRAL
Regional Director
Department of Education
Regional Office NCR
Quezon City, Metro Manila

Dear Dr. Cabral:

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.

For us to successfully implement the training, we would like to invite your Education Program Supervisor in science and mathematics, **Ms. Micah Pacheco** and **Ms. Bernadeth Daran**, to be one of our resource persons and help us in facilitating the lecture-discussions/workshops. We would also like to invite the **teachers (50 science, 50 mathematics)** from DepEd NCR to be our participants to the said training which will be held on **August 3-5, 2023** within Metro Manila. The specific venue for the activity will be communicated later. Moreover, the DOST-SEI will shoulder the venue and meals of the resource persons and participants.

Our staff, *Ms. Belle Gayas*, will coordinate with your office on this request. Should there be further queries, she may be reached at mobile number 0995 429 8180 or at email address seid.trainingunit@gmail.com.

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

Very truly yours,

JOSETTE T. BIYO, Ph.D.
Director