



Republic of the Philippines
Department of Education
NATIONAL CAPITAL REGION
SCHOOLS DIVISION OFFICE OF MUNTINLUPA CITY

Office of the Schools Division
Superintendent

JUL 19 2022

MEMORANDUM
No. 155, s. 2022

**TEACHING SCIENCE BEYOND CLASSROOM THROUGH PSC VIDEO-BASED
EXHIBITS AND LAB IN A BOX FOR GRADES 7 AND 12 SCIENCE TEACHERS
(CHEMISTRY & PHYSICS) IN NCR**

To: OIC – Assistant Schools Division Superintendent
Chief Education Supervisor, Curriculum Implementation Division
Chief Education Supervisor, School Governance and Operations Division
Public Secondary School Heads / OICs
All Others Concerned

1. Attached is DepEd NCR Regional Letter No. 087, s. 2022 on the above-captioned activity, contents of which are self-explanatory for information and guidance.
2. Attached is the list of teacher participants.
3. For concerns and inquiries, you may contact Mr. Oscar B. Sevilla Jr. at telephone number: (02) 8529-0641 or through email at pamamarisan@ncr.dost.gov.ph
4. Immediate and wide dissemination of this Memorandum is desired.


CARLEEN S. SEDILLA CESOSA
Schools Division Superintendent

Encl: As stated
Reference: DepEd NCR Regional Letter No. 087, s. 2022
To be indicated in the Perpetual Index
under the following subjects:

TEACHERS LEARNING ACTIVITY

ASO – DM – TEACHING SCIENCE BEYOND CLASSROOM THROUGH PSC VIDEO-BASED EXHIBITS AND LAB IN A BOX FOR GRADES 7
AND 12 SCIENCE TEACHERS (CHEMISTRY & PHYSICS) IN NCR
155 / July 15, 2022



Student Center for Life Skills Bldg., Centennial Ave, Brgy Tunasan,
Muntinlupa City
(02) 805-9935, (02) 805 - 9940
sdo.muntinlupa@gmail.com



0710022

Annex B - Registration Form

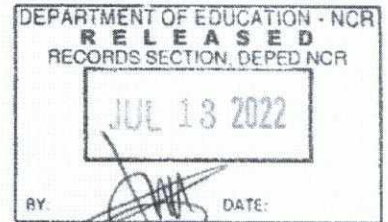
Teaching Science Beyond through PSC Video – Based Exhibit and Lab in a Box for
Grades 7-12 Science Teachers in NCR
(Chemistry & Physics)

August 01, 2022 – MONDAY- Face to Face
Venue: 4th Floor Students Center for Life Skills Building
Centennial Avenue, Brgy. Tunasan Muntinlupa City

Name of Teacher	School Name	School Head
1. Adelene R. Beltran	LIS	Dr. Rosendo S. Sangalang
2. Gabriella S. Geronimo		
3. Mary Grace C. De Vera	MNHS	Dr. Antonio B. Rocha
4. Michelle Raro		
5. Gerry Adrales	MSHS	Dr. Florante C. Marmeto
6. Glenn Ramos		
7. Oshene N. Casing	TNHS	Dr. Ador B. Querubin
8. Ellaine E. Manio		
9. Nestor S. Tasi	PNHS	Mr. David T. Libao
10. Jeraldine L. Carlos		
11. Ana Cecilia P. Jaso	PEDHS	Mrs. Eden B. Binaday
12. Jocelyn M. Namora		
13. Jefferson B. Itulid	MBHS-Main	Mrs. Vilma S. Vilorio
14. Daisy Q. Rodelas		
15. Rachelle P. Pistan	MBHS- SA	Ms. Rochelle A. Jimenez
16. Camilla D. Tallud		
17. Lady Edlenill Jamela Tavu	MSHS-SHS	Dr. Florante C. Marmeto
18. George B. Gatdula II	MNHS	Dr. Antonio B. Rocha
19. Dina N. Mabute	TNHS	Dr. Ador B. Querubin
20. John Bert D. Lazaro	CSHS	Mrs. Jinky DC. Santos



Republic of the Philippines
Department of Education
NATIONAL CAPITAL REGION



DNCR-F-ORD-037/RO/01112019

July 12, 2022

To: **Schools Division Superintendents**

SDO- Las Piñas City, Mandaluyong City, Marikina City, Muntinlupa City,
Parañaque City, Pasig City, San Juan City and Taguig City and Pateros

Dear Sirs/Mesdames:

Attached is a letter from Mr. Jose B. Patalinjug III, CESO III, Regional Director, Department of Science and Technology, Bicutan, Taguig City dated July 4, 2022, inviting the participation of selected Grade 7-12 teachers from MUNTAPARLAS (Muntinlupa City, Taguig City and Pateros, Parañaque City and Las Piñas City) and PAMAMARISAN (Pasig City, Mandaluyong City, Marikina City and San Juan City) to attend the "Teaching Science Beyond Classroom through Philippine Science Centrum (PSC) Video-Based Exhibits and Lab in a Box for Grades 7-12 Science Teachers in NCR" on **August 1 & 8, 2022**, for information and appropriate action. Please refer to Annex A for the allotment of participants per SDO.

For concerns and inquiries, you may contact Mr. Oscar B. Sevilla, Jr. at telephone number: (02) 8529-0641 or through email at pamamarisan@ncr.dost.gov.ph.

Very truly yours,

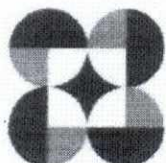

WILFREDO E. CABRAL

Regional Director, DepEd NCR and
Officer-in-Charge, Office of the Undersecretary
Human Resource and Organizational Development

Regional Letter No.: 087 .s.2022

CLMD/mgp





04 July 2022

DR. WILFREDO E. CABRAL
Regional Director
DepEd – National Capital Region
Misamis St., Bago Bantay, Quezon City

Dear **Dr. Cabral**:

The DOST- National Capital Region in partnership with the Philippine Foundation for Science and Technology (PFST) will conduct, **"Teaching Science Beyond Classroom through Philippine Science Centrum (PSC) Video-Based Exhibits and Lab in a Box for Grades 7-12 Science Teachers in NCR"** on **August 1 & 8, 2022** for the 1st Batch of beneficiaries from **MUNTAPARLAS** (Muntinlupa, Taguig, Pateros, Parañaque and Las Piñas) and **PAMAMARISAN** (Pasig, Mandaluyong, Marikina and San Juan). This activity aims to improve teachers' capability to teach Chemistry and Physics online in response to DepEd's blended learning approach. The training workshop includes activity demonstration, instructional video-based exhibits, a teacher's guide, and lab in a box kit.

In this regard, we would like to seek your assistance in identifying **120 Grades 7 to 12 Chemistry and Physics Teachers** from the schools of our target Community Empowerment through Science and Technology (CEST) beneficiaries. We have attached herewith the activity briefer and guidelines (Annex A) which has the list of target communities, and the registration form (Annex B) for your reference.

After the first batch, the PFST will be conducting an evaluation and monitoring activity to assess the effectiveness of the training workshop. Thus, may we request the assistance of the respective DepEd Division Education Program Supervisors in Science in identifying and facilitating the selected teachers that will participate in the assessment.

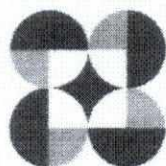
Our staff, Mr. Oscar B. Sevilla, Jr. of DOST-NCR PAMAMARISAN (Pasig, Mandaluyong, Marikina, San Juan) Clustered Area Science and Technology Center (CASTC), will coordinate with you on this matter. He may also be reached at telephone number: (02) 8529-0641 or through email at pamamarisan@ncr.dost.gov.ph.

Thank you.

Very truly yours,


JOSE B. PATALINJUG III
Regional Director

"Spearheading Technological Innovations in the Metropolis"



ANNEX A. Activity Briefer

Activity: **Teaching Science Beyond Classroom through PSC Video-Based Exhibit and Lab in a Box for Grades 7-12 Science Teachers in NCR**

Activity Description: Responding to the needs of Grades 7-12 Science teachers in NCR, Philippine Foundation for Science and Technology developed a training program on teaching selected topics in science, aimed to:

- Enhance teachers' competence in teaching Physics and Chemistry
- Develop learner's higher order thinking skills, process skills and scientific attitude with reference to DepEd's Most Essential Learning Competencies (MELC) about topics on matter, force, electricity, and magnetism
- Teach microscale chemistry technique to aid in virtual learning sessions,

Each lesson is focused on a particular science concept aligned with specific competencies in the K-12 Science Curriculum. A lab in box kit containing experiments will be provided.

Speaker: **Prof. Corazon Salumbides**, Balik Scientist Awardee and retired Junior High School Science Teacher

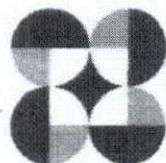
Duration: 8AM-4PM (7 hours)/batch (60 participants per cluster)

Venue: TBA (DOST-NCR CASTC Personnel will finalize the venue)

Participants: Grades 7-12 Physics and Chemistry teachers. Target participants are those from the schools located in the identified communities listed below.

Cluster	City	Target Communities	Number of Participants	Schedule of Training	
MUNTAPARLAS	Muntinlupa	Brgy. Poblacion	20	August 2022 (Monday)	1
		Brgy. Putatan			
		Brgy. Cupang			
		Brgy. Sucat			
	Taguig	Brgy. Western Bicutan	12		
		Brgy. Maharlika Village			
	Pateros	Municipality of Pateros	8		
	Parañaque	Brgy. La Huerta	12		
		Brgy. Don Bosco			
	Las Piñas	Brgy. CAA	8		
TOTAL			60		
PAMAMARISAN	Pasig	Brgy. Maybunga	10	August 2022 (Monday)	8
		Brgy. Pinagbuhatan			
	Mandaluyong	Brgy. Addition Hills	15		

"Spearheading Technological Innovations in the Metropolis"



	Marikina	Brgy. Concepcion Uno	20	
		Brgy. Nangka		
		Brgy. Fortune		
	San Juan	San Juan City	15	
TOTAL			60	

Guidelines:

- Target participants are **Grades 7-12 Physics and Chemistry teachers** from the schools of the identified communities listed above. *Teachers who already received prior HOMOMICH and START Training and Kits from DOST will not be qualified.*
- DepEd NCR and respective Science Division Offices (SDOs) Science Coordinators will identify the number of teachers per school.
- Kits will be distributed during the training-workshop.
- All participants shall be given certificates of participation upon completion of the training workshop.
- Registration form shall be provided to Division Office (please see attached). **Deadline of submission will be on July 20, 2022, 5PM.**
- Registration form should be emailed to respective CASTC Offices.

○ **For MUNTAPARLAS:**

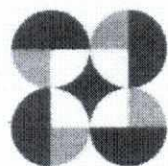
Mr. Kim L. Atienza, Cluster Director
Rm. 205 MAB Rizal Technological University, Boni
Ave., Mandaluyong City
Telefax: (02) 8772-6157
Email: muntaparas@ncr.dost.gov.ph

○ **For PAMAMARISAN:**

Mr. Oscar B. Sevilla Jr, Cluster Director
Rm. 205 MAB Rizal Technological University, Boni
Ave., Mandaluyong City
Telefax: (02) 8529-0641
Email: pamamarisan@ncr.dost.gov.ph

Evaluation:

- Two months after the conduct of the training workshop, selected teacher training participants will participate in evaluation and monitoring activity of PFST. Schedule of participating teachers from each division will be coordinated by the Division EPS to the DOST-NCR Cluster Representative.
- Assessment will include: 1) observation of teaching during science class; 2) administration of pre- and post-test to students; and 3) interview of selected students and teachers.



ANNEX B. Registration Form

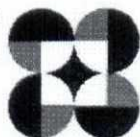
Teaching Science Beyond Classroom through PSC Video-Based Exhibit and Lab in a Box for Grades 7-12 Science Teachers in NCR

REGISTRATION FORM

No.	Name of the Teacher	Address	School	Phone Number	Email
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

(Name of SDO)

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Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
NATIONAL CAPITAL REGION



05 July 2022

CARLEEN S. SEDILLA, PhD
Schools Division Superintendent
SDO Muntinlupa City
SDO Building, La Guerta Street
Tunasan, Muntinlupa City

Dear **Dr. Sedilla:**

The DOST- National Capital Region, in partnership with the Philippine Foundation for Science and Technology (PFST), will conduct an activity titled ***“Teaching Science Beyond Classroom through Philippine Science Centrum (PSC) Video-Based Exhibits and Lab in a Box for Grades 7-12 Science Teachers in NCR”*** in support of the Department of Education’s blended learning approach. The training workshop aims to improve the capabilities of teachers to teach Chemistry and Physics online and will include an activity demonstration, instructional video-based exhibits, a teacher’s guide, and a lab-in-a-box kit.

The workshop for the first batch of participants from the MUNTAPARLAS (Muntinlupa, Taguig, Pateros, Parañaque, and Las Piñas) cluster will be held on **01 August 2022**, Monday, from **8:00AM to 4:00PM**.

In this regard, we would like to request your good office to **host the activity and provide a training/function room** that can accommodate **60 attendees**. In addition, we would also like to seek **permission to use your audio-visual equipment (LCD projector and Audio System)** for the duration of the workshop. Rest assured that we will strictly follow the health and safety protocols of your office during the training-workshop.

We have enclosed with this letter a brief description of the activity for your reference.

Our staff, Ms. Alona A. Donato of the DOST-NCR MUNTAPARLAS Clustered Area Science and Technology Center will coordinate with your office regarding this request. She may also be reached through telephone number (02) 8872-6157 or via email at muntaparas@ncr.dost.gov.ph.

Thank you and we look forward to your favorable consideration of this request.

Very truly yours,

JOSE B. PATALINJUG III
Regional Director

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General Santos Avenue, Bicutan, Taguig City
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