



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

Office of the Schools Division
Superintendent

NOV 21 2022

MEMORANDUM
No. 269, s. 2022

**REGIONAL DEMONSTRATION TEACHING: TEACHING SCIENCE BEYOND
CLASSROOM THROUGH PSC EXHIBIT-VIDEO LESSON & LAB IN A BOX FOR
GRADE 7-12 SCIENCE TEACHERS IN NCR-PHASE 2
EVALUATION & ASSESSMENT**

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. This Office announces the conduct of Regional Demonstration Teaching: Teaching Science Beyond Classroom through PSC Exhibit-Video Lesson & Lab in a Box for Grade 7-12 Science Teachers in NCR – Phase 2 Evaluation & Assessment on November 29, 2022, 8:00am-12:00nn for Senior High School Participants and 1:00-4:00pm for Junior High School Participants at SDO Student Center for Life Skills Building, contents of which are self-explanatory for information and guidance.
2. Attached is the list of teacher participants.
3. Immediate and wide dissemination of this Memorandum is desired.


CARLEEN S. SEDILLA CESO V
Schools Division Superintendent

Encl: As stated
Reference: NONE
To be indicated in the Perpetual Index
under the following subjects:

TEACHERS DEMONSTRATION EVALUATION & ASSESSMENT

ASO – DM – TEACHING SCIENCE BEYOND CLASSROOM THROUGH PSC VIDEO-BASED EXHIBITS AND LAB IN A BOX
FOR GRADES 7 AND 12 SCIENCE TEACHERS IN NCR-PHASE 2 EVALUATION & ASSESSMENT
269/ November 17, 2022



Student Center for Life Skills Bldg., Centennial Ave, Brgy Tunasan,
Muntinlupa City
(02) 8805-9935, (02) 8805 - 9940
sdo.muntinlupa@gmail.com



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SDO Muntinlupa – Demo Teacher and Participants
Nov. 29, 2022 Video-Based Exhibits and Lab in a BOX of DOST-SEI & PSC

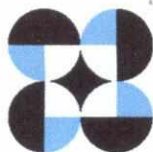
School	Demo Teacher	Time	TOPICS
Morning Session			
Cupang Senior High School	John Bert D. Lazaro	9:00- 10:00	Cartesian Diver
Tunasan National High School	Dina N. Mabute	10:30- 11:30	Bernoulli Blower
Afternoon Session			
Poblacion National High School	Jojit C. De Rama	1:30- 2:30	Anti – Gravity Mirror
Muntinlupa Business High School	Daisy Q. Rodelas	3:00 -4:00	How many drops you put on a coin?

Morning Session – 8:30 -12:00 Noon for Senior High School Teacher Participants (Chemistry and Physics)

Name of Teacher	School Name	School Head
1. Reynante Espeleta	LIS	Dr. Rosendo S. Sangalang
2. Melonie D. Mater		
3. Khristine P. Cagampang	Sucats SHS	Mrs. Clarisa C. Ibarra
4. Princess La Rosa	MNHS	Dr. Antonio B. Rocha
5. Ma.Theresa Marbella		
6. Allen Paul Gonzalez		
7. Kim Marie Anne M. Taroy		
8. Russel Van Erick F. Ramos		
9. Rene Delfino	TNHS	Dr. Ador B. Querubin
10. Jay Sebastian		
11.Benjamin Maala		
12. Cynthia Agawin	CSHS	Mrs. Jinky DC. Santos
13 Maria Ninia Sedano		

Afternoon Session – 1-4PM JHS Teacher Participants (Chemistry & Physics)

Name of Teacher	School Name	School Head
1. Adelene R. Beltran	LIS	Dr. Rosendo S. Sangalang
2. Gabriella S. Geronimo		
3. Kenneth L. Frias		
4. Ryan Jumar R. Pantoja	MSHS	Dr. Florante C. Marmeto
5. Ellaine E. Manio	TNHS	Dr. Ador B. Querubin
6. Oshene N. Casing		
7. Hernan DG Nobleta	PNHS	Mr. David T. Libao
8. Dominga Bernardo		
9. Maria Fe B. Crucero		
10. Alfonso Innigo R. Yusingco		
11. Berneth J. Sapaden		
12. Jeremie C. Almarinez	PEDHS	Mrs. Eden B. Binaday
13.Jocelyn M. Namora		
14. Rachelle P. Pistan		
15. Camilla D. Tallud	MBHS- SA	Mrs. Madeline Ann L. Diaz
16. Edward Montojo		
17. Jeffrey M. Magbanua	MBHS	Mrs Vilma S. Viloría
18. Keem Jane C. Delgado		
19. Rene M. Magsino	MNHS	Dr. Antonio B. Rocha
20. Michelle Raro		
21. Grace De Vera		



10 November 2022

Dr. WILFREDO E. CABRAL

Regional Director
DepEd- National Capital Region
Misamis St., Bago Bantay, Quezon City

Dear **Dr. Cabral**:

We would like to thank you for your all-out support to the joint project of the DOST-National Capital Region and the Philippine Foundation for Science and Technology (PFST) titled ***“Teaching Science Beyond the Classroom through the Philippine Science Centrum (PSC) Video-Based Exhibits and Lab in a Box for Grades 7-12 Science Teachers in NCR”***. The project aims to improve the capability of selected teachers in the NCR to teach Chemistry and Physics and supports the DepEd’s blended learning approach.

We are happy to inform you that we have successfully completed the training for the first batch of teachers from the MUNTAPARLAS (Muntinlupa, Taguig, Pateros, Parañaque, and Las Piñas) and PAMAMARISAN (Pasig, Mandaluyong, Marikina, and San Juan) clustered areas last August 1 and 8, 2022, respectively.

As a follow up to the training, **we would like to seek the assistance of your Schools Division Education Program Supervisors in Science in conducting the evaluation and assessment of 30 selected Chemistry and Physics teachers from MUNTAPARLAS and PAMAMARISAN** on November 17 to November 29, 2022. The evaluation will be conducted during their preferred Learning Action Cell (LAC) Session. In line with this, we would like to invite the said teachers to attend the orientation meeting on **November 15, 2022, Tuesday, 2:00 PM** via Zoom to discuss the details of the activity.

We have attached with this letter our proposed schedules and details of the assessment for your consideration.

Our staff, Mr. Jansen Hernandez and Ms. Camile Estimado, will coordinate with your office on this matter. They may also be reached through telephone number (02) 8529-0641 or via email at muntaparas@ncr.dost.gov.ph should there be questions/concerns.

Thank you and we look forward to your favorable response.

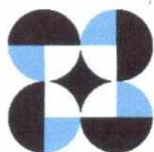
Very truly yours,

Digitally signed by Tresvalles
Romelen Tardecilla
Date: 2022.11.11 08:25:20
+08'00'

ROMELEN T. TRESVALLES

Chief Science Research Specialist and
Officer-in-Charge, Office of the Regional Director

“Spearheading Technological Innovations in the Metropolis”



Proposed Schedules of Assessment:

MUNTAPARLAS Clustered Area

CITY	NAME OF TEACHER TRAINING PARTICIPANT	SCHOOL	SCHEDULE
Pateros	Richard P. Aspacio	Pateros National High School	Nov 18, 2022 (AM)
Pateros	Mary Grace Sta. Ana	Pateros National High School	Nov 18, 2022 (AM)
Taguig City	Nanelle V. Epino	Western Bicutan National High School	Nov 18, 2022 (PM)
Taguig City	Kristinne Jessica H. Oloya	Western Bicutan National High School	Nov 18, 2022 (PM)
Taguig City	Ferdinand D. Songalia	Western Bicutan National High School	Nov 18, 2022 (PM)
Paranaque City	Joseph G. Goode	Don Bosco High School- Parañaque	Nov 17, 2022 (PM)
Paranaque City	Fritzie Lynn S. Bagarinao	Don Bosco High School- Parañaque	Nov 17, 2022 (PM)
Paranaque City	Leilanie O. Jose	La Huerta National High School	Nov 17, 2022 (PM)
Las Pinas City	Jenifer T. Herrera	Captain Aguilar National High School	Nov 24, 2022 (AM)
Las Pinas City	Flora G. Ebcas	Captain Aguilar National High School	Nov 24, 2022 (PM)
Muntinlupa City	John Bert D. Lazaro	Cupang Senior High School	Nov 29, 2022 (AM) ✓
Muntinlupa City	Dina N. Mabute	Tunasan National High School	Nov 29, 2022 (AM) ✓
Muntinlupa City	Glenn Ramos	Muntinlupa Senior High School	Nov 29, 2022 (PM) ✓
Muntinlupa City	TBD	TBD	Nov 29, 2022 (PM) ✓

PAMAMARISAN Clustered Area

CITY	NAME OF TEACHER TRAINING PARTICIPANT	SCHOOL	SCHEDULE
Manadaluyong City	TBD	TBD	Nov 21, 2022 (AM)
Mandaluyong City	TBD	TBD	Nov 21, 2022 (PM)
Mandaluyong City	TBD	TBD	Nov 22, 2022 (AM)
Mandaluyong City	TBD	TBD	Nov 22, 2022 (PM)
San Juan City	Melany C. Fernandez	San Juan National HS	Nov 23, 2022
San Juan City	TBD	TBD	Nov 23, 2022
Marikina City	Maria Alma D. Feliña	Fortune High School	Nov 25, 2022 (AM)
Marikina City	Maryjane F. Buendia	Nangka High School	Nov 25, 2022 (AM)
Marikina City	Jemwel Dela Paz	Concepcion Integrated School Secondary Level	Nov 25, 2022 (AM)
Marikina City	Apple Olita	Parang High School	Nov 25, 2022 (PM)
Marikina City	Alma L. Aparece	Nangka High School	Nov 25, 2022 (PM)
Marikina City	Keith Angeline N. Alejandro	Fortune High School	Nov 25, 2022 (PM)
Pasig City	Amy Lynn C. Magdasoc	Nagpayong HS	Nov 28, 2022 (PM)
Pasig City	Jessica D. Lorenzana	Pinagbuhatan HS	Nov 28, 2022 (PM)
Pasig City	Maria Allen B. Secretario	Pasig City Science High School	Nov 28, 2022 (PM)

"Spearheading Technological Innovations in the Metropolis®"

TEACHING SCIENCE BEYOND CLASSROOM THROUGH PSC EXHIBIT - VIDEO LESSONS AND LAB IN A BOX FOR GRADES 7-12 SCIENCE TEACHERS IN NCR

INSTRUMENTS/ TOOLS FOR THE POST EVALUATION/ ASSESSMENT

1. Class Observation to be participated by the selected teacher training participant
2. Administer Pre & Post test among the teachers participating in the class demonstration
3. Conduct of Group Interview after the Class Observation

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GUIDELINES

1. Class Observation to be participated by the selected teacher training participant

- Division EPS identifies the teacher training participant who will conduct the class demonstration.
- Division EPS will schedule the Learning Action Cell (LAC) session inviting at least 15-20 science teachers (from different levels and schools) to attend the class demonstration as audience.
- The identified teacher training participant will facilitate an hour of class demonstration focus on his/her chosen topic from the list of training topics discussed. The Lab Box and the PSC videos given during the Teachers Training will be used during the class demonstration. The PFST Evaluation team requests for the teacher's Daily Lesson Log (DLL) prior to the class demonstration schedule.
- The class demonstration will be observed by the PFST training team at the same time will be video recorded. A video documentation consent form will be accomplished by the demo teacher (teacher training participant). The recorded video/s can be stored in the division's learning portals for additional teaching reference.
- The demo teacher will be evaluated based in the criteria listed below:

ASPECTS OF TEACHING DEMOSNTRATION	RATING SCALE				
	Excellent	Very Good	Good	Fair	Poor
1. Knowledge of content					
2. Organization of lesson					
3. Active engagement of participants					
4. Use of appropriate instructional strategy					
5. Use of appropriate materials					

2. Administer Pre & Post test among the teachers participating in the class demonstration

- The demo teacher must submit his/her chosen topic to PFST prior to the demo schedule.
- PFST Evaluation team will design a pre & post test with five to ten (5-10) questions per topic. Said questions will be printed or be in google form which will be administered before and after the demo proper.

3. Conduct of Group Interview after the Class Observation

- The Evaluation team will choose five (5) science teachers randomly from the class demonstration to answer the five (5) open ended questions based on the class demonstration.
- The group interview will be video recorded for documentation purposes.

Note: The Evaluation Team will provide the DepEd-NCR with the Post Assessment/ Evaluation Results.

**TEACHING SCIENCE BEYOND CLASSROOM THROUGH
PHILIPPINE SCIENCE CENTRUM EXHIBIT-BASED LESSONS AND LAB IN A BOX
FOR GRADES 7-12 SCIENCE TEACHERS IN NCR**

EVALUATION OF TEACHING DEMONSTRATION

Name of Demonstration Teacher: _____ Gender: _____ Age: _____
School: _____ Region: _____ Division: _____

Title of Lesson: _____

Directions: Please check the column that best represents your response:

ASPECTS OF TEACHING DEMOSNTRATION	RATING SCALE				
	Excellent	Very Good	Good	Fair	Poor
1. Knowledge of content					
2. Organization of lesson					
3. Active engagement of participants					
4. Use of appropriate instructional strategy					
5. Use of appropriate materials					

Comments: _____

Evaluator: _____
Signature over Printed Name

Date: _____

**TEACHING SCIENCE BEYOND CLASSROOM THROUGH
PHILIPPINE SCIENCE CENTRUM EXHIBIT-BASED LESSONS AND LAB IN A BOX FOR
GRADES 7-12 SCIENCE TEACHERS IN NCR**

VIDEO DOCUMENTATION CONSENT FORM

I, the undersigned, (first and last name of the teacher), hereby authorize the Department of Science and Technology – National Capital Region (DOST-NCR) and the Philippine Foundation for Science and Technology (PFST) to facilitate the recording of my demo teaching in relation to the Post Assessment/Evaluation of the project titled, ***“Teaching Science Beyond Classroom Through Philippine Science Centrum Exhibit-Based Lessons and Lab in a Box for Grades 7-12 Science Teachers in NCR”***.

Also, I hereby authorize to make the video available for viewing, digital and print publication whether on the internet, institutional learning portals or as needed by PFST and DOST-NCR for S&T educational promotion purposes.

I understand that there is no time limit on the validity of this release, that I may not revoke it, and nor are there any geographic limitations on where these materials may be distributed.

By signing this form, I acknowledge that I have completely read and fully understand the above consent and release and agree to be bound thereby.

Name of Teacher: _____

Signature over Printed Name

Age: _____ School: _____

Address: _____

Date Accomplished: _____

Name of Education Program Supervisor in Science: _____

Signature over Printed Name

Division: _____

Date Accomplished: _____

**TEACHING SCIENCE BEYOND CLASSROOM THROUGH
PHILIPPINE SCIENCE CENTRUM EXHIBIT-BASED LESSONS AND LAB IN A BOX FOR
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Name of Teacher: _____

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Age: _____ School: _____

Address: _____

Date Accomplished: _____

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Signature over Printed Name

Division: _____

Date Accomplished: _____