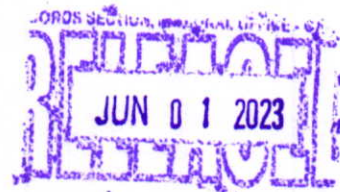




Republic of the Philippines
Department of Education
CARAGA REGION



May 31, 2023

REGIONAL MEMORANDUM

No. 0454, s. 2023

To: SCHOOLS DIVISION SUPERINTENDENTS
Curriculum and Learning Management Division Chief
Human Resource Development Division Chief
This Region

CONDUCT OF ACTIVITIES FOR THE "HIGHER ORDER THINKING SKILLS
PROFESSIONAL LEARNING PACKAGE (HOTS-PLPs) FOR SCIENCE,
MATHEMATICS AND ENGLISH TEACHERS"

1. The National Educators Academy of the Philippines (NEAP), in collaboration with the Curriculum and Teaching Strand of the Department, shall be conducting the **"Higher Order Thinking Skills Professional Learning Package (HOTS-PLPs) for Science, Mathematics, and English Teachers"** to support the public school teachers in performing pedagogy and assessment practices that promote higher order thinking skills for Grades 7 to 10.
2. The program is aimed at:
 - a. Supporting the teachers in understanding HOTS and in reflecting these skills in their respective classroom practices through the development of HOTS items/questions for Science, Mathematics, and English/Reading subjects;
 - b. Helping the teacher in performing pedagogy and assessment practices that promote HOTS and;
 - c. Developing guide materials intended for master teachers, school heads, and supervisors to support them in their mentoring roles in schools with a focus on helping teachers.
3. The activities to be conducted include a **Capacity Building for the Core Team of Trainers** which shall be on **June 5 to 9, 2023** at **Crown Regency Hotels and Towers, Osmeña Blvd., Cebu City**. Relative to this, the Curriculum and Learning Management Division shall identify the core team of trainers based on the qualifications set by NEAP not later than June 1, 2023.
4. Likewise, CLMD shall coordinate with HRDD in the identification of participants to the National Training of Trainers for Science, Mathematics and English scheduled on June 19 to 23, 2023, June 26 to 30, 2023 and July 3 to 7, 2023 respectively, in Cebu City.



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2023-05-07416

Doc. Ref. Code	RO-ASD-F107	Rev	00
Effectivity	02.01.23	Page	1 of 1

5. As for the participants to this NTOT, the Schools Division Offices are required to endorse a list of nominees (with masters or doctoral degree in English/Math/Science) as long as they meet the required qualifications set not later than June 6, 2023.

6. Attached hereto are Unnumbered Memorandum from the Office of the Undersecretary for Human Resource and Organizational Development dated May 26, 2023 and NEAP Advisory from the Office of the Director IV of NEAP dated May 30, 2023 for reference.

7. For immediate dissemination.


MARIA INES C. ASUNCION, CESO IV
Director III
OIC-Office of the Regional Director

Encl/s.: 'NONE'

Reference/s: Unnumbered Memorandum dated May 26, 2023; NEAP Advisory dated May 30, 2023

To be indicated in the Perpetual Index
under the following subjects:

PROFESSIONAL DEVELOPMENT

TRAINING

WORKSHOP

HRD/jbt
05/31/2023



Republika ng Pilipinas

Department of Education

NATIONAL EDUCATORS ACADEMY OF THE PHILIPPINES

30 May 2023

ADVISORY

1. This is in reference to the Unnumbered memorandum dated May 26, 2023, on the Conduct of Activities for the Higher Order Thinking Skills Professional Learning Packages (HOTS-PLPs) for Science, Mathematics, and English Teachers.
2. NEAP would like to announce that there will be a **change in venue**, details are as follows:

Activity	Date	New Venue
Capacity Building for the Core Team of Trainers	05-09 June 2023	Crown Regency Hotels and Towers, Osmena Blvd., Cebu City

3. All participants of the activity above are required to fill out the registration form through <https://bit.ly/HOTSCoreTrainers> on or before **02 June 2023, 12:00nn.**
4. For the conduct of **Capacity Building for the Core Team of Trainers**, the **NEAP-CO PMT** is assigned to manage the program and assist on the three (3) breakout sessions that will be led by the RCTQ Team.
5. For the subsequent conduct of the three clusters of the **National Training of Trainers (NTOT)**, the **HRDD/NEAP in the Region representative/s**, as the counterpart of NEAP-CO, shall co-facilitate the program, assist in managing the thirteen (13) breakout sessions, and attend to the concerns of their respective participants.
6. As for the participants, the regions **may endorse Education Program Supervisors** (with specialization in English/Math/Science) as long as they meet the required qualifications, and that their participation in the Learning Camp, spearheaded by the Curriculum and Teaching strand, will not be affected.
7. Other provisions on board and lodging, meals, and per diem will remain as stated in the previous issuances. However, **transportation expenses may be charged to either local funds or HRD funds.**
8. For questions or concerns, please feel free to contact the Professional Development Division of NEAP at (02) 8715-9919 or thru email at pdd.pdi@deped.gov.ph using the subject line "**Region XX HOTS-PLPs Concern**" (eg. **Region III HOTS-PLPs Concern**).
9. For immediate dissemination.

JENNIFER E. LOPEZ

Director III, Officer-in-Charge
Office of the Director IV

2/F Mabini Building, DepEd Complex, Meralco Avenue, Pasig City 1600 ☎ Telefax No. (02) 638-8638 ✉ email add: neap.od@deped.gov.ph

Grow. Empower. Transform.





Republika ng Pilipinas

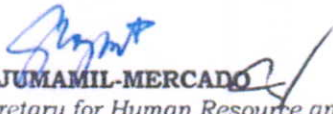
Department of Education

OFFICE OF THE UNDERSECRETARY

HUMAN RESOURCE AND ORGANIZATIONAL DEVELOPMENT

MEMORANDUM

TO : **REGIONAL DIRECTORS**
SCHOOLS DIVISION SUPERINTENDENTS
HUMAN RESOURCE DEVELOPMENT DIVISION CHIEFS
NEAP-R FOCAL PERSONS
Curriculum and Learning Management Division Supervisors for
Early Education and Language Literacy
All Others Concerned

FROM :  **GLORIA JUMAMIL-MERCADO**
Undersecretary for Human Resource and Organizational Development

SUBJECT : **Conduct of Activities for the "Higher Order Thinking Skills Professional Learning Package (HOTS-PLPs) for Science, Mathematics and English Teachers"**

DATE : 26 May 2023

1. The National Educators Academy of the Philippines (NEAP), in collaboration with the Curriculum and Teaching Strand of the Department, shall be conducting the **"Higher Order Thinking Skills Professional Learning Package (HOTS-PLPs) for Science, Mathematics, and English Teachers"** to support the public school teachers in performing pedagogy and assessment practices that promote higher order thinking skills for Grades 7 to 10.
2. The program is aimed at:
 - a. Supporting the teachers in understanding HOTS and in reflecting these skills in their respective classroom practices through the development of HOTS items/questions for Science, Mathematics, and English/Reading subjects;
 - b. Helping the teachers in performing pedagogy and assessment practices that promote HOTS; and,
 - c. Developing guide materials intended for master teachers, school heads, and supervisors to support them in their mentoring roles in schools with a focus on helping teachers.

3. The activities to be conducted under HOTS-PLPs Program are the following:

Title of the Activity	Date and Venue	Participants
Capacity Building for the Core Team of Trainers	5 to 9 June 2023 ECOTECH Center, Sudlon, Lahug, Cebu City	CLMD Chief ▪ 1 per Region CID Chief ▪ 1 per SDO PSDS ▪ 3 per Region School Heads ▪ 2 for Regions 1, 2, 4b, 5, 8, 9, 12, 13, and CAR ▪ 3 for Regions 3, 4a, 6, 7, 10, 11, and NCR
National Training of Trainers (Cluster 1) [Science]	19 to 23 June 2023 ECOTECH Center, Sudlon, Lahug, Cebu City	PSDS ▪ 4 for Regions 1, 2, 3, 4a, 5, 6, 7, 8, 9, 10, 11, 12, 13, and NCR ▪ 3 for Regions 4b and CAR School Heads ▪ 30 per Region
National Training of Trainers (Cluster 2) [Mathematics]	26 to 30 June 2023 ECOTECH Center, Sudlon, Lahug, Cebu City	PSDS ▪ 4 for Regions 1, 2, 3, 4a, 5, 6, 7, 8, 9, 10, 11, 12, 13, and NCR ▪ 3 for Regions 4b and CAR School Heads ▪ 30 per Region
National Training of Trainers (Cluster 3) [English]	3 to 7 July 2023 ECOTECH Center, Sudlon, Lahug, Cebu City	PSDS ▪ 4 for Regions 1, 2, 3, 4a, 5, 6, 7, 8, 9, 10, 11, 12, 13, and NCR ▪ 3 for Regions 4b and CAR School Heads ▪ 30 per Region

a. Capacity Building for the Core Team of Trainers

- i. This initial activity is aimed at capacitating the national or the **Core Team of Trainers** on the content and delivery of the HOTS-PLPs Program for its nationwide implementation.
- ii. The trained Core Team of Trainers are expected to serve as the trainers of the subsequent National Training of Trainers.
- iii. Participants to this activity who will serve as the Core Team of Trainers are the following:
 1. All Curriculum and Learning Management Division (CLMD) Chiefs of the Regional Offices
 2. All Curriculum and Instruction Division (CID) Chiefs of the Schools Division Offices
 3. Public Schools District Supervisors (PSDS) with specialization in Science, Mathematics, or English
 4. High School Principals

iv. Qualifications of the PSDS and Principals who serve as part of the Core Team of Trainers:

1. An existing PSDS or Principal / Teacher-in-Charge
2. Has served as a PSDS / Principal for at least five (5) years
3. With masters or doctoral degree in Science, Mathematics or English
4. Preferably someone who took part in the development and/or validation of the HOTS PLPs
5. With technical expertise in training and facilitation, including online training, coaching and mentoring, and research
6. Has served as a national trainer in Science, Mathematics, or English
7. Has attended relevant international and national trainings and/or courses in Science, Mathematics, or English
8. Comfortable in using varied educational technologies
9. Has a good command of English and Filipino

v. The cost of the board and lodging of all the participants shall be charged against FY 2023 HRD Funds of NEAP- PDD. While the travel and other incidental expenses of the participants shall be charged against local funds, subject to the usual accounting and auditing rules and regulations.

vi. Participants are advised to check in at 2:00pm of 4 June 2023 (Sunday) and to check out at 11:00am of 9 June 2023 (Friday):

Meals	4 June Sun	5 June Mon	6 June Tue	7 June Wed	8 June Thurs	9 June Fri
Breakfast		✓	✓	✓	✓	✓
AM Snack		✓	✓	✓	✓	✓
Lunch		✓	✓	✓	✓	
PM Snack	✓	✓	✓	✓	✓	
Dinner	✓	✓	✓	✓	✓	

vii. The regions are requested officially endorse their participants to the said activities on or before **1 June 2023** via email at pdd.pdi@deped.gov.ph, copy furnished neap.pdd@deped.gov.ph with the subject line "*Region XX HOTS-PLPs Core Team Members.*" (eg. *Region III HOTS-PLPs Core Team Members*). Template is enclosed (Enclosure 2).

*PLPs Core Team Members.” (eg. Region III HOTS-PLPs Core Team Members).
Template is enclosed (Enclosure 2).*

b. National Training of Trainers

- i. The National Training of Trainers shall be facilitated by the **Core Team of Trainers**.
- ii. In this activity, a set of National Trainers shall be capacitated on the content and delivery of the HOTS-PLPs Program for its nationwide implementation.
- iii. This shall be conducted in three (3) separate clusters: (1) Science; (2) Mathematics; and, (3) English.
- iv. The National Trainers shall likewise be assisted in the development of their respective implementation plans (cascading activities).
- v. Participants to this activity who will serve as National Trainers are the following:
 1. Public Schools District Supervisors (PSDS) with specialization in Science, Mathematics, or English
 2. High School Principals
- vi. Qualifications of the PSDS and Principals who serve as National Trainers:
 1. An existing PSDS or Principal / Teacher-in-Charge
 2. Has served as a PSDS / Principal for at least five (5) years
 3. With masters or doctoral degree in Science, Mathematics or English
 4. With technical expertise in training and facilitation, including online training, coaching and mentoring, and research
 5. Has served as a national trainer in Science, Mathematics, or English
 6. Has attended relevant international and national trainings and/or courses in Science, Mathematics, or English
 7. Comfortable in using varied educational technologies
 8. Has a good command of English and Filipino
- vii. A representative of the NEAP-R or Regional Human Resource Development Division (HRDD) is requested to serve as part of the Program Management Team (PMT).
- viii. The cost of the board and lodging of all the participants shall be charged against FY 2023 HRD Funds of NEAP – PDD. While the travel and other

incidental expenses of the participants shall be charged against local funds, subject to the usual accounting and auditing rules and regulations.

- ix. Participants are advised to check in at 2:00pm of 18 June 2023 (Sunday) and to check out at 11:00am of 23 June 2023 (Friday) for Cluster 1; to check in at 2:00pm of 25 June 2023 (Sunday) and to check out at 11:00am of 30 June 2023 (Friday) for Cluster 2; and, to check in at 2:00pm of 2 July 2023 (Sunday) and to check out at 11:00am of 7 July 2023 (Friday) for the Cluster 3:

Meals	18 June / 25 June / 2 July <i>Sun</i>	19 June / 26 June / 3 July <i>Mon</i>	20 June / 27 June / 4 July <i>Tue</i>	21 June / 28 June / 5 July <i>Wed</i>	22 June / 29 June / 6 July <i>Thurs</i>	23 June / 30 June / 7 July <i>Fri</i>
<i>Breakfast</i>		✓	✓	✓	✓	✓
<i>AM Snack</i>		✓	✓	✓	✓	✓
<i>Lunch</i>		✓	✓	✓	✓	
<i>PM Snack</i>	✓	✓	✓	✓	✓	
<i>Dinner</i>	✓	✓	✓	✓	✓	

- x. The regions are requested officially endorse their participants, along with the name of the representative of the HRDD, to the said activities on or before **13 June 2023** via email at pdd.pdi@deped.gov.ph, copy furnished neap.pdd@deped.gov.ph with the subject line "Region XX HOTS-PLPs National Trainers." (eg. Region III HOTS-PLPs National Trainers). Template is enclosed (Enclosure 3).
4. For the conduct of the aforementioned activities that will fall on weekends and holidays, the Regional Office and/or Schools Division Office is requested to provide Compensatory Time-Off (CTO) to the participants and core team to compensate for time rendered that is supposed to be for personal use and rest.
5. The following documents are enclosed for reference:
- Enclosure 1 - Program Matrix
 - Enclosure 2 - Endorsement of the Participants (Core Team of Trainers)
 - Enclosure 3 - Endorsement of the Participants (National Trainers)
 - Enclosure 4 - Program Briefer
6. For questions or concerns, please feel free to contact the Professional Development Division of NEAP at (02) 8715-9919 or thru email at pdd.pdi@deped.gov.ph using the subject line "Region XX HOTS-PLPs Concern" (eg. Region III HOTS-PLPs Concern).

Training Matrix

Time	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5
8:00am to 12:00nn		Opening Program and Preliminaries Introduction to HOTS PLP Introduction to Basic SOLO	General Walkthrough of the Modules Discussion of Learning Approaches Practice Activities and Group Presentations on Learning Approaches	Walkthrough of the Items using Strategy B1 (Alternative) Walkthrough of the Items using Strategy B2 (Reversing)	Mock LAC on HOTS Developing succeeding LAC sessions on HOTS (with critiquing)	Check Out
12:00nn to 1:00pm		LUNCH BREAK				
1:00pm to 5:00pm	Check In	Introduction to Basic SOLO (continuation) Practice activities on Basic SOLO	HOTS Strategies adopted in the items Walkthrough of the Items using Strategy A (Superitems) Walkthrough of the Items using Strategy B (Open-ended)	Walkthrough of the Items using Strategy B3 (Correcting) Walkthrough of the Items using Strategy B4 (Compare and contrast)	Reflection logs Closing Program	

Endorsement of the Participants (Core Team of Trainers)

26 May 2023

JENNIFER E. LOPEZ

Director III

OIC – Director IV

National Educators Academy of the Philippines

2nd Floor Mabini Building, DepEd Complex

Meralco Avenue, Pasig City

Dear **Director LOPEZ:**

This is to respectfully submit the names of the participants to the Capacity Building for the Core Team of Trainers of the ***Higher Order Thinking Skills Professional Learning Package (HOTS-PLPs) for Mathematics, Science, and English Teachers*** from this Region.

Name	Office	Designation	Email Address	Contact No.

Thank you very much.

Respectfully yours,

<Regional Director>

Regional Director

DepEd Region XX

Endorsement of the Participants (National Training of Trainers)

26 May 2023

JENNIFER E. LOPEZ

Director III

OIC – Director IV

National Educators Academy of the Philippines

2nd Floor Mabini Building, DepEd Complex

Meralco Avenue, Pasig City

Dear **Director LOPEZ:**

This is to respectfully submit the names of the participants to the National Training of Trainers of the **Higher Order Thinking Skills Professional Learning Package (HOTS-PLPs) for Mathematics, Science, and English Teachers** from this Region.

Name	Office	Designation	Email Address	Contact No.

Thank you very much.

Respectfully yours,

<Regional Director>

Regional Director

DepEd Region XX



**Philippine National
Research Center for Teacher Quality**

Overview

PROJECT BRIEF

Professional Learning Packages (PLPs) for Mathematics, Science and English/Reading for Teachers in Grades 7 and 8, and Grades 9 and 10

FEATURES OF THE PLPs

- Address PPST indicators 1.5.2 and 1.5.3, PPSSH indicator 3.2.2, and PPSS indicator 3.4.2.
- Advocate different learning approaches and modalities through distance and blended (multi-modal) learning
- Suitable for Learning Action Cells (LAC), online presentations, classroom applications and mentoring
- Accessible online and offline

The Philippines, for the first time in 2018, took part in the Programme for International Student Assessment (PISA). It is an assessment that measures 15-year-olds' ability to use their higher-order thinking skills (HOTS) in Reading, Mathematics and Science to meet real-life challenges. Of the 79 countries that participated in the PISA, the Philippines was ranked last in Reading and second last in Mathematics and Science. These results suggest that most Filipino students are not ready for life after school.

These areas of learners' poor performance were interestingly identified in an analysis of teachers' performance in the Teacher Development Needs Study (TDNS, 2014). The poor assessment results for Filipino learners, therefore, necessitate a reform initiative directed at supporting the strengthening of teachers' subject knowledge and pedagogy to improve learner performance. To assist in this reform initiative, the National Educators Academy of the Philippines (NEAP) and the Research Center for Teacher Quality (RCTQ) collaborate to develop Professional Learning Packages (PLPs) in Mathematics, Science, and English/Reading for teachers in grades 7 and 8, and grades 9 and 10.

The PLPs will (i) have a theoretical focus on the Structure of the Observed Learning Outcome (SOLO) model by Biggs and Collis (1982); (ii) address the appropriate indicators in the Philippine Professional Standards for Teachers (PPST), the Philippine Professional Standards for Supervisors (PPSSH), and the Philippine Professional Standards for School Heads (PPSS); and (iii) support the development and application of collaborative expertise in teachers, master teachers and school heads to underpin their own development through the Learning Action Cells (LAC).

What benefits can target users get from the project?

The PLPs will

- support teachers in understanding HOTS and in reflecting these skills in their respective classroom practices through the development of HOTS items/questions for Science, Mathematics, and English/Reading subjects;
- help teachers in performing pedagogy and assessment practices that promote HOTS; and
- guide master teachers and school leaders in their mentoring roles in schools with a focus on helping beginning teachers.

