



Republic of the Philippines
Department of Education
REGION X - NORTHERN MINDANAO
SCHOOLS DIVISION OF MISAMIS ORIENTAL

Office of the Schools Division Superintendent

17 August 2023

DIVISION MEMORANDUM
No. 468 Series 2023

**PARTICIPATION TO THE REGIONAL ROLLOUT OF HIGHER ORDER
THINKING SKILLS ON PROFESSIONAL LEARNING PACKAGES FOR ENGLISH,
SCIENCE AND MATHEMATICS (HOTS-PLP ENSCIMA)**

To: **Identified HOTS-PLP Participants**
This Division

1. Pursuant to Regional Memorandum No. 433, s. 2023, re: **Regional Rollout of Higher Order Thinking Skills (HOTS) on Professional Learning Packages for English, Science, and Mathematics**, the identified participants are hereby directed to participate in the said training on the following dates:

DATE	ACTIVITY	VENUE
September 4-8, 2023	Cluster 1: HOTS PLP English	NEAP 10, Lapanan, CDO
September 11-15, 2023	Cluster 2: HOTS PLP Science	NEAP 10, Lapanan, CDO
September 18-22, 2023	Cluster 3: HOTS PLP Mathematics	NEAP 10, Lapanan, CDO

2. The Official List of Participants is attached to this Division Memorandum (Enclosure 1)
3. The participants' board and lodging shall be charged against the Region FY 2023 HRTD Funds of NEAP-PDD while travel and other incidental expenses of Division Office Personnel shall be charged to Division MOOE while School/Field Personnel shall be charged to School MOOE/Local Funds subject to the usual accounting and auditing rules and procedures.





Republic of the Philippines
Department of Education
REGION X - NORTHERN MINDANAO
SCHOOLS DIVISION OF MISAMIS ORIENTAL

4. Attached to this Division Memorandum is Regional Memorandum No 433, s. 2023, for reference and details.
5. For your information and guidance.


EDILBERTO L. OPLENARIA, EdD, CESO V
Schools Division Superintendent 

Encls.: As stated

References: None

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



PROFESSIONAL DEVELOPMENT
NEAP
TRAVEL

SGOD, HRD-imonte





Republic of the Philippines
Department of Education
REGION X – NORTHERN MINDANAO
SCHOOLS DIVISION OF MISAMIS ORIENTAL

Enclosure No. 1 of Division Memorandum No. 468, s. 2023

**REGIONAL ROLLOUT OF HIGHER ORDER THINKING SKILLS ON
PROFESSIONAL LEARNING PACKAGES FOR ENGLISH, SCIENCE AND
MATHEMATICS (HOTS-PLP ENSCIMA) OFFICIAL LIST OF PARTICIPANTS**

ENGLISH (September 4-8, 2023)

EPS	PSDS/PSDIC	SCHOOL HEAD
Shiela B. Diango	Grethel Lubi	Robert J. Asis
	Mary Ann C. Magdale	Miraflor I. Fernandez

SCIENCE (September 11-15, 2023)

EPS	PSDS/PSDIC	SCHOOL HEAD
Lilian B. Salan	Marylen D. Trapal	Maria Shiela B. Cartilla
	Carnila D. Simacon	Andrian F. Tecson

MATHEMATICS (September 18-22, 2023)

EPS	PSDS/PSDIC	SCHOOL HEAD
Gines C. Cacayan	Norman Sayson	Analiza N. Chu
		Edwin Z. Delig
		Seven M. de Los Reyes
Regional Trainer		
Anelito B. Callo	School Head	Consuelo NHS

xxx nothing follows xxx





Republic of the Philippines
Department of Education
 REGION X - NORTHERN MINDANAO



August 8, 2023

REGIONAL MEMORANDUM

No. 0433, s. 2023

REGIONAL ROLLOUT OF HIGHER ORDER THINKING SKILLS (HOTS)
 ON PROFESSIONAL LEARNING PACKAGES (PLP)
 FOR ENGLISH, SCIENCE, AND MATHEMATICS

To: Schools Division Superintendents
 Assistant Schools Division Superintendents
 CID Chiefs
 School Heads
 All Others Concerned

1. The Department of Education (DepEd) Region X, through the Human Resource Development Division (HRDD), Curriculum and Learning Management Division (CLMD), National Educators Academy of the Philippines – Regional Office X (NEAP-ROX), will conduct a series of training on **Higher Order Thinking Skills (HOTS) on Professional Learning Packages (PLP) for English, Science, and Mathematics at NEAP-ROX, Lapasan, Cagayan de Oro City.**
2. This training aims to support the public-school teachers in performing pedagogy and assessment practices that promote higher order thinking skills for Grades 7-10.
3. The list of core trainers, allotted number of participants, and training matrices for each of the clusters are attached for reference.
4. The schedule of trainings via face-to-face modality are as follows:

Date	Activity	Participants
August 24, 2023 <i>Check in: August 23, 2023</i> <i>Check out: August 25, 2023</i>	Pre-Work	PMT; Core Trainers Advisers
September 4-8, 2023 <i>Check in: September 3, 2023</i> <i>Check out: September 8, 2023</i>	Cluster 1: English	PMT; Core Trainers Participants; Adviser
September 11-15, 2023 <i>Check in: September 10, 2023</i> <i>Check out: September 15, 2023</i>	Cluster 2: Science	PMT; Core Trainers Participants; Adviser
September 18-22, 2023 <i>Check in: September 17, 2023</i> <i>Check out: September 22, 2023</i>	Cluster 3: Mathematics	PMT; Core Trainers Participants; Adviser
TBA	Post Work	PMT; Core Trainers Advisers



5. The participants' board and lodging shall be charged against FY 2023 HRTD Funds of NEAP-PDD while their travel and other incidental expenses shall be charged against local funds, subject to the usual accounting and auditing rules and regulations.

6. Prior to the training, the SDOs through HR-SEPS in coordination with CID Chief shall submit five official participants who are untrained in HOTS-PLP for each cluster coming from school heads, education program supervisors, and public schools district supervisors who are content experts in English, Science, and Math (*prioritize NEAP Facilitators, if there are*) not later than August 25, 2023 using the following respective links:

- | | |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| a. SDO Bukidnon | - https://tinyurl.com/BUKIDNONHOTSPLP |
| b. SDO Camiguin | - https://tinyurl.com/CAMIGUINHOTSPLP |
| c. SDO Cagayan de Oro City | - https://tinyurl.com/CAGAYANDEOROHOTSPLP |
| d. SDO El Salvador City | - https://tinyurl.com/ELSALVADORHOTSPLP |
| e. SDO Gingoog City | - https://tinyurl.com/GINGOOGHOTSPLP |
| f. SDO Iligan City | - https://tinyurl.com/ILIGANHOTSPLP |
| g. SDO Lanao del Norte | - https://tinyurl.com/LANAODELNORTEHOTSPLP |
| h. SDO Malaybalay City | - https://tinyurl.com/MALAYBALAYHOTSPLP |
| i. SDO Misamis Occidental | - https://tinyurl.com/MISAMISOCCIDENTALHOTSPLP |
| j. SDO Misamis Oriental | - https://tinyurl.com/MISAMISORIENTALHOTSPLP |
| k. SDO Oroquieta City | - https://tinyurl.com/OROQUIETAHOTSPLP |
| l. SDO Ozamiz City | - https://tinyurl.com/OZAMIZHOTSPLP |
| m. SDO Tangub City | - https://tinyurl.com/TANGUBHOTSPLP |
| n. SDO Valencia City | - https://tinyurl.com/VALENCIAHOTSPLP |

5. This Office directs the immediate and wide dissemination of this Memorandum.

DR. ARTURO B. BAYOCOT, CESO III
Regional Director

DR. FEDERICO P. MARTIN, CESO V
Assistant Regional Director
Officer-in-Charge
Office of the Regional Director

ATCH.: As stated

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

RTOT HOTS-PLP

HRDD/reno

REGIONAL ROLLOUT OF HIGHER ORDER THINKING SKILLS (HOTS)
ON PROFESSIONAL LEARNING PACKAGES (PLP)
FOR ENGLISH, SCIENCE, AND MATHEMATICS

A. Schedule of Activities

Date	Activity	Persons Involved	Venue
August 24, 2023 <i>Check in: August 23, 2023</i> <i>Check out: August 25, 2023</i>	Pre-Work	PMT Core Trainers Advisers	NEAP R10, Lapasan, CDO
September 4-8, 2023 <i>Check in: September 3, 2023</i> <i>Check out: September 8, 2023</i>	Cluster 1: English	PMT Core Trainers Participants Adviser	NEAP R10, Lapasan, CDO
September 11-15, 2023 <i>Check in: September 10, 2023</i> <i>Check out: September 15, 2023</i>	Cluster 2: Science	PMT Core Trainers Participants Adviser	NEAP R10, Lapasan, CDO
September 18-22, 2023 <i>Check in: September 17, 2023</i> <i>Check out: September 22, 2023</i>	Cluster 3: Mathematics	PMT Core Trainers Participants Adviser	NEAP R10, Lapasan, CDO
TBA	Post Work	PMT Core Trainers Advisers	NEAP R10, Lapasan, CDO

REGIONAL ROLLOUT OF HIGHER ORDER THINKING SKILLS (HOTS)
ON PROFESSIONAL LEARNING PACKAGES (PLP)
FOR ENGLISH, SCIENCE, AND MATHEMATICS

B. Core Trainers

1. Cluster 1: English

Class Adviser: Mary Joy Doromal, HRD SEPS, SDO Ozamiz City

Name	Office/Division	Designation
1. Angelina B. Buaron – Lead Trainer	SDO Tangub City	CID Chief
2. Anacleta A. Gacasan	SDO Ozamiz City	CID Chief
3. Jane Charity E. Madronero	SDO Ozamiz City	PSDS
4. Maria Eva S. Edon	SDO Lanao del Norte	CID Chief
5. Evernold C. Berial	SDO Malaybalay City	PSDS
6. Shirley Merida	SDO Cagayan de Oro City	PSDS
7. Charlyn S. Baylon	SDO Cagayan de Oro City	School Head
8. Helen S. Palasan	SDO El Salvador City	School Head
9. Geselle P. Maderal	SDO Gingoog City	School Head
10. Vilma V. Mangubat	SDO Lanao del Norte	School Head
11. Joannette Clarpondel M. Caparaz	SDO Misamis Occidental	EPS
12. Nathalie M. Sedero	SDO Misamis Occidental	School Head
13. Maria Lucinita T. Mantawil	SDO Oroquieta City	School Head
14. Nilo F. Lumayot	SDO Tangub City	School Head
15. Jonel L. Caparoso	SDO Valencia City	School Head
16. Philip R. Florenosos	SDO Bukidnon	School Head

2. Cluster 2: Science

Class Adviser: Carmila Lauzon, HRD SEPS, SDO Gingoog City

Name	Office/Division	Designation
1. Jean S. Macasero – Lead Trainer	SDO Cagayan de Oro City	CID Chief
2. Evelyn Q. Sumanda	SDO Cagayan de Oro City	PSDS
3. Jinky M. Arnejo	SDO Cagayan de Oro City	PSDS
4. Nympha B. Yamit	SDO Camiguin	School Head
5. Ricky Boy E. Junio	SDO Oroquieta City	School Head
6. Marvin Anthony A. Ramos	SDO Cagayan de Oro City	School Head
7. Maribeth T. Auman	SDO Cagayan de Oro City	School Head
8. Melinda M. Garabato	SDO Gingoog City	School Head
9. Janryl Louis L. Okit	SDO Malaybalay City	School Head
10. Marissa M. Olarte	SDO Misamis Occidental	School Head
11. Solly E. Namocatcat	SDO Oroquieta City	EPS

12. Maria Fritzie D. Amigable	SDO Ozamiz City	School Head
13. Loniel Barro	SDO Bukidnon	School Head
14. Merogin P. Mugot	SDO El Salvador	School Head
15. Josephine G. Regis	SDO Iligan City	School Head
16. Danilo Lucilla	SDO Bukidnon	School Head

3. Cluster 3: Mathematics

Class Adviser: Dennis Caballes, HRD SEPS, SDO Valencia City

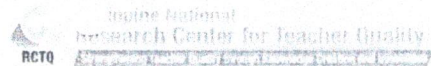
Name	Office/Division	Designation
1. Exquil Bryan P. Aron -- Lead Trainer	SDO Iligan City	CID Chief
2. Elbert R. Francisco	SDO Bukidnon	CID Chief
3. Ralph T. Quirog	SDO Malaybalay	CID Chief
4. German C. Suminguit Jr.	SDO Tangub City	PSDS
5. Joel T. Aclao	SDO Ozamiz City	PSDS
6. Irene G. Villamor	SDO Camiguin	School Head
7. Norma B. Delima	SDO Cagayan de Oro	School Head
8. Emily A. Tabamo	SDO Cagayan de Oro	School Head
9. Evelyn C. Ramos II	SDO Iligan City	School Head
10. Argie B. Ducusin	SDO Malaybalay City	School Head
11. Anelito B. Callo	SDO Misamis Oriental	School Head
12. Nessie Elizabeth A. Buac	SDO Oroquieta City	School Head
13. Warren Canolo	SDO Tangub City	School Head
14. Pennriu Jhun D. Maata	SDO Gingoog City	School Head
15. Richard S. Talaid	SDO Iligan City	School Head
16. Cristery G. Agawin	SDO Valencia City	School Head

C. Allotted Number of Participants

Division	School Head(s)	Education Program Supervisor	Public Schools District Supervisor(s)	Total
1. Bukidnon	English-1 Science-1 Math-1	English-1 Science-1 Math-1	English-3 Science-3 Math-3	English-5 Science-5 Math-5
2. Cagayan de Oro City	English-2 Science-2 Math-2	English-1 Science-1 Math-1	English-2 Science-2 Math-2	English-5 Science-5 Math-5
3. Camiguin	English-2 Science-1 Math-3	English-1 Science-1 Math-1	English-2 Science-3 Math-1	English-5 Science-5 Math-5
4. El Salvador City	English-4 Science-4 Math-4	English-1 Science-1 Math-1	n/a	English-5 Science-5 Math-5
5. Gingoog City	English-3 Science-1 Math-3	English-1 Science-1 Math-1	English-1 Science-3 Math-1	English-5 Science-5 Math-5
6. Iligan City	English-3 Science-1 Math-2	English-1 Science-1 Math-1	English-1 Science-3 Math-2	English-5 Science-5 Math-5
7. Lanao del Norte	English-1 Science-2 Math-1	English-1 Science-1 Math-1	English-3 Science-2 Math-3	English-5 Science-5 Math-5
8. Malaybalay City	English-1 Science-2 Math-2	English-1 Science-1 Math-1	English-3 Science-2 Math-2	English-5 Science-5 Math-5
9. Misamis Occidental	English-2 Science-2 Math-2	English-1 Science-1 Math-1	English-2 Science-2 Math-2	English-5 Science-5 Math-5
10. Misamis Oriental	English-2 Science-2 Math-3	English-1 Science-1 Math-1	English-2 Science-2 Math-1	English-5 Science-5 Math-5
11. Oroquieta City	English-3 Science-2 Math-2	English-1 Science-1 Math-1	English-1 Science-2 Math-2	English-5 Science-5 Math-5
12. Ozamiz City	English-2 Science-2 Math-2	English-1 Science-1 Math-1	English-2 Science-2 Math-2	English-5 Science-5 Math-5
13. Tangub City	English-2 Science-1 Math-2	English-1 Science-1 Math-1	English-2 Science-3 Math-2	English-5 Science-5 Math-5
14. Valencia City	English-2 Science-2 Math-2	English-1 Science-1 Math-1	English-2 Science-2 Math-2	English-5 Science-5 Math-5

**REGIONAL ROLLOUT OF HIGHER ORDER THINKING SKILLS (HOTS)
ON PROFESSIONAL LEARNING PACKAGES (PLP)
FOR ENGLISH, SCIENCE, AND MATHEMATICS**

D. Activity Matrix



Training on HOTS-PLP for English, Science, and Mathematics Teachers

ACTIVITY MATRIX AND TASKING GUIDE

Session	Resource Person (RP)	Contact Details (email address and contact number)	Remarks
1			(See note below.)
2A			Sessions 2A-2C may be handled by 1 or 2 RPs RP 1: 2A and 2B RP 2: 2C
2B			
2C			
3			1 RP
4			1 RP
5			Note: Two RPs may handle sessions 1,5,6,7 RP 1: 1 and 6 RP 2: 5 and 7
6			
7			

Session No.	Duration	Day & Time	Topic	Resource Person
Registration	60 minutes	Day 1 (8:00-9:00 am)		PMT
Opening Program	60 mins	Day 1 (9:00-10:00 am)	<ul style="list-style-type: none"> • National Anthem • Ecumenical Prayer • Acknowledge of Participants • Activity Norms • Welcome/ Inspirational Messages • Leveling of Expectations • Activity Objectives and Matrix • Photo Documentation • Reminders 	PMT
Health Break	30 mins	Day 1 (10:00-10:30 am)		
Pretest	30 mins	Day 1 (10:30-11:00)		PMT/OD
Session 1	60 mins	Day 1 (11:00 am- 12:00 pm)	Walk-through of Resources <ul style="list-style-type: none"> • Teacher's Resource and Mentor's Guide 	RP:
Lunch Break	60 mins	Day 1 12:00-1:00		
Session 1 (continuation)	30 mins	Day 1 1:00-1:30 pm	Walk-through of Resources <ul style="list-style-type: none"> • Teacher's Resource and Mentor's Guide (processing) 	RP:
Session 2A	60 minutes	Day 1 1:30-2:30	SOLO and HOTS in the Classroom <ul style="list-style-type: none"> • Multi-tasking • LOTS and HOTS 	RP:
Health Break	30 mins	Day 1 2:30-3:00		
Session 2B	60 mins	Day 1 3:00-4:00	SOLO and HOTS in the Classroom <ul style="list-style-type: none"> • Bloom's Taxonomy and its applicability in teaching- learning and its limitations and concerns 	RP:

			<ul style="list-style-type: none"> • Overview of SOLO taxonomy • SOLO taxonomy's application in assessment practices • Principles underlying the application of SOLO taxonomy in the classroom • Practical examples and strategies for implementing SOLO taxonomy in the classroom 	
Wrap-up/ Reminders/ Debriefing	30 mins	Day 1 4:00-4:30 pm		
Management of Learning	30 mins	Day 2 8:00-8:30 am	<ul style="list-style-type: none"> • Nationalistic Song • Ecumenical Prayer • Energizer • Recap • Reminders 	PMT
Clearing House	30 mins	Day 2 8:30 - 9:00 am		
Session 2B (Continuation)	60 mins	Day 2 9:00-10:00 am		RP:
Health Break	30 mins	Day 2 10:00-10:30 am		
Session 2C	90 mins	Day 2 10:30-12:00	<ul style="list-style-type: none"> • Higher Order Thinking Skills (HOTS) in the Classroom • Words Used for Lower and Higher Levels in the Original SOLO Model • SOLO in Assessment (Qualitative, Closed-Items, Open-Ended Items, Writing a Super Item) 	RP:
Lunch Break	60 mins	Day 2 12:00 - 1:00 pm		
Session 2C (Continuation)	30 mins	Day 2 1:00-1:30		RP:
Session 3	60 mins	Day 2 1:30-2:30	Learning Approaches that support SOLO and HOTS in the Classroom	RP:
Health Break	30 mins	Day 2 2:30 -3:00 pm		
Session 3 (Continuation)	90 mins	Day 2 3:00 - 4:30		
Wrap-up/ Reminders/ Debriefing	30 mins	Day 2 4:30-5:00		
Management of Learning	30 mins	Day 3 8:00-8:30	<ul style="list-style-type: none"> • Nationalistic Song • Ecumenical Prayer • Energizer • Recap • Reminders 	
Clearing House	30 mins	Day 3 8:30-9:00		
Session 4A	30 mins	Day 3 9:00 - 9:30 am	HOTS in Practice *Worksheet 4A	RP:
Health Break	30 mins	Day 3 9:30-10:00 am		
Session 4B	60 mins	Day 3 10:00 am -11:00 pm	HOTS in Practice *Worksheet 4B	RP:
Session 4C	60 mins	Day 3 11:00 - 12:00 pm	HOTS in Practice *Worksheet 4C	
Lunch Break	60 mins	Day 3 12:00 - 1:00 pm		
Session 4C (continuation)	30 mins	Day 3 1:00-1:30 pm	HOTS in Practice *Worksheet 4C	RP:
Session 4D	60 mins	Day 3 1:30 - 2:30 pm	HOTS in Practice *Worksheets 4D	RP:
Health Break	30 mins	Day 3 (2:30-3:00 pm)		
Session 4D (continuation)	60 mins	Day 3 3:00 - 4:00 pm	HOTS in Practice *Worksheets 4D	RP:

Reminders/ Debriefing	30 mins	Day 3 4:00-4:30		
Management of Learning	30 mins	Day 4 8:00-8:30 am	<ul style="list-style-type: none"> • Nationalistic Song • Ecumenical Prayer • Energizer • Recap • Reminders 	
Clearing House	30 mins	Day 4 8:30-9:00 am		RP:
Session 5	60 mins	Day 4 9:00-10:00 am	Workplace Application Plan	RP:
Health Break	30 mins	Day 4 10:00-10:30 am		
Session 6	60 mins	Day 4 10:30-11:30 am	Force Field Analysis	RP:
Summative Test	30 mins	Day 4 11:30 am - 12:00 nn	Summative Assessment	PMT:
Lunch Break	60 mins	Day 4 12:00 - 1:00 pm		
Session 7	60 mins	Day 4 1:00-2:00 pm	PLC in Schools	PMT:
Closing Program	120 mins	Day 4 2:00 - 4:00 pm	<ul style="list-style-type: none"> • Nationalistic Song • Ecumenical Prayer • Insights • Challenge • Accepting the Challenge/ Pledge of Commitment • Closing Remarks • Daily Evaluation • Reminders 	PMT: