



Republic of the Philippines  
**Department of Education**  
REGION X – NORTHERN MINDANAO  
SCHOOLS DIVISION OF EL SALVADOR CITY

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**Office of the Schools  
Division Superintendent**

29 August 2023

DIVISION MEMORANDUM  
No. 359, s. 2023

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

To: **Chief, Curriculum Implementation Division  
Senior Education Program Specialist-HRD  
All Public Elementary School Heads  
All Public Secondary School Heads  
All Others Concerned**  
This Division

1. This Office through the Curriculum Implementation Division and Human Resource Development Section informs the field of the Regional Rollout of 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.
3. Please see Attachment I for the *List of Participants and Schedule* of the aforesaid training per learning area.
4. Further, this Memorandum shall also serve as the **Official Authority to Travel** of the identified participants.
5. For dissemination, guidance and strict compliance.

To be indicated in the Perpetual Index  
under the following subjects:  
SGOD/KRAS/hrd RTOT HOTS PLP  
TRAINING

  
**RANDOLPH B. TORTOLA**  
Schools Division Superintendent





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**Attachment I: List of Participants per Learning Area and Schedule of Training**

**Pre-Work for Core Trainers (September 6-7)**

1. Helen S. Palasan, Principal III (English)
2. Merogim P. Mugot, MT-I (Science)

**English (September 11-15)**

No.	Last Name	Given Name	MI	Position	School/Station
1	Castaños	Maristel	C.	Teacher In Charge	Sinaloc National High School
2	Bergado	Ivy Mae	P.	Teacher In Charge	San Francisco de Asis ES
3	Ramos	Jessica Marie	B.	Head Teacher III	Kibobon ES
4	Villahermosa	Zigger	E.	Head Teacher I	Ulaliman ES
5	Valmoria	Margie	R.	EPS in English	Division Office-CID

**Science (September 18-22, 2023)**

No.	Last Name	Given Name	MI	Position	School/Station
1	Bendijo	Salvador II	T.	Head Teacher I	Himaya National High School
2	Namoc	Rebecca	B.	Principal I	Hinigdaan National High School
3	Quiring	Chuchie	A.	Head Teacher I	Cogon National High School
4	Superable	Arnel	A.	Teacher In Charge	Kalabaylabay IS
5	Cacayan	Marie Jade	A.	EPS Science	Division Office-CID

**Mathematics (October 2-6, 2023)**

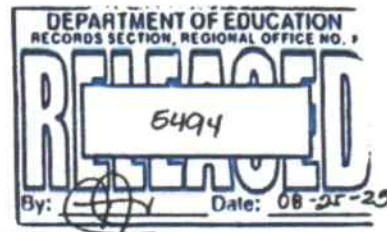
No.	Last Name	Given Name	MI	Position	School/Station
1	Torres	Marivic	S.	Principal I	Molugan NHS
2	Arrieta	Mark Anthony	G.	Teacher In Charge	San Francisco de NHS
3	Oco	Joey	A.	Teacher In Charge	Sambulawan NHS
4	Nob	Jun Mark Rey	O.	Master Teacher II	Cogon National High School
5	Mamaclay	Anabelle	M.	EPS in Mathematics	Division Office-CID







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



REGIONAL MEMORANDUM  
No. 045B, s. 2023

August 22, 2023

CORRIGENDUM TO RM 433, S. 2023 (REGIONAL ROLLOUT OF HIGHER ORDER THINKING SKILLS (HOTS) ON PROFESSIONAL LEARNING PACKAGES (PLP) FOR ENGLISH, SCIENCE, AND MATHEMATICS)

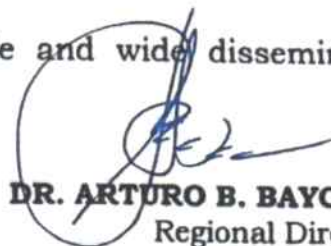
To: Schools Divisions Superintendents  
Assistant Schools Divisions Superintendents  
CID Chiefs  
School Heads  
All Others Concerned

1. Regarding Regional Memorandum No. 433, s. 2023 titled Regional Rollout of Higher Order Thinking Skills (HOTS) on Professional Learning Packages (PLP) for English, Science, and Mathematics, the following is the final schedule of activities:

Activity	Date		Participants	Venue
	From	To		
Pre-Work	August 24, 2023 Check in: Aug.23, 2023 Check out: Aug.25, 2023	September 6, 2023 Check in: Sept.5,2023 Check out: Sept.7,2023	PMT; Core Trainers Advisers	NEAP-RX, Lapasan, CDO
Cluster 1: English	September 4-8, 2023 Check in: Sept.3, 2023 Check out: Sept.8, 2023	September 11-15, 2023 Check in: Sept.10, 2023 Check out: Sept.15, 2023	PMT; Core Trainers Adviser	NEAP-RX, Lapasan, CDO
Cluster 2: Science	September 11-15, 2023 Check in: Sept.10, 2023 Check out: Sept.15, 2023	September 18-22, 2023 Check in: Sept.17, 2023 Check out: Sept.22, 2023	PMT; Core Trainers Adviser	NEAP-RX, Lapasan, CDO
Cluster 3: Mathematics	September 18-22, 2023 Check in: Sept.17, 2023 Check out: Sept.22, 2023	October 2-6, 2023 Check in: Oct.1, 2023 Check out: Oct.6, 2023	PMT; Core Trainers Adviser	NEAP-RX, Lapasan, CDO
Post Work	TBA		PMT; Core Trainers Advisers	NEAP-RX, Lapasan, CDO

2. Other provisions stipulated in the previous Memorandum remain in effect.

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

  
**DR. ARTURO B. BAYOCOT, CESO III**  
Regional Director

HRDD/NEAP-ROX\_mone



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**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 EI 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. Nesses 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**

RCTO

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"> <li>• National Anthem</li> <li>• Ecumenical Prayer</li> <li>• Acknowledge of Participants</li> <li>• Activity Norms</li> <li>• Welcome/ Inspirational Messages</li> <li>• Leveling of Expectations</li> <li>• Activity Objectives and Matrix</li> <li>• Photo Documentation</li> <li>• Reminders</li> </ul>	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"> <li>• Teacher's Resource and Mentor's Guide</li> </ul>	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"> <li>• Teacher's Resource and Mentor's Guide (processing)</li> </ul>	RP
Session 2A	60 minutes	Day 1 1:30-2:30	SOLO and HOTS in the Classroom <ul style="list-style-type: none"> <li>• Multi-tasking</li> <li>• LOTS and HOTS</li> </ul>	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"> <li>• Bloom's Taxonomy and its applicability in teaching-learning and its limitations and concerns</li> </ul>	RP

			<ul style="list-style-type: none"> <li>• Overview of SOLO taxonomy</li> <li>• SOLO taxonomy's application in assessment practices</li> <li>• Principles underlying the application of SOLO taxonomy in the classroom</li> <li>• Practical examples and strategies for implementing SOLO taxonomy in the classroom</li> </ul>	
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"> <li>• Nationalistic Song</li> <li>• Ecumenical Prayer</li> <li>• Energizer</li> <li>• Recap</li> <li>• Reminders</li> </ul>	PMT
Cleaning 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"> <li>• Higher Order Thinking Skills (HOTS) in the Classroom</li> <li>• Words Used for Lower and Higher Levels in the Original SOLO Model</li> <li>• SOLO in Assessment (Qualitative Closed-Items, Open-Ended Items, Writing a Super Item)</li> </ul>	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 pm		
Management of Learning	30 mins	Day 3 8:00-8:30	<ul style="list-style-type: none"> <li>• Nationalistic Song</li> <li>• Ecumenical Prayer</li> <li>• Energizer</li> <li>• Recap</li> <li>• Reminders</li> </ul>	
Cleaning House	30 mins	Day 3 8:30-9:00 am		
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 4 4:00-4:30		
Management of Learning	30 mins	Day 4 8:00-8:30 am	<ul style="list-style-type: none"> <li>Nationalistic Song</li> <li>Ecumenical Prayer</li> <li> Energizer</li> <li> Recap</li> <li> Reminders</li> </ul>	
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 pm	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"> <li>Nationalistic Song</li> <li>Ecumenical Prayer</li> <li> Insights</li> <li> Challenge</li> <li> Accepting the Challenge/ Pledge of Commitment</li> <li> Closing Remarks</li> <li> Daily Evaluation</li> <li> Reminders</li> </ul>	PMT