

Republic of the Philippines  
**Department of Education**  
 REGION II-CAGAYAN VALLEY

012125045

January 20, 2025

**REGIONAL MEMORANDUM**

No. **043** s. 2025

**CONDUCT OF REGIONAL ORIENTATION ON THE UTILIZATION OF MATHEMATICS LEARNING RESOURCES (MANIPULATIVE MATERIALS)**

To: Schools Division Superintendents

1. The Department of Education Regional Office 02 through the Curriculum and Learning Management Division shall conduct a Regional Orientation on the Utilization of Mathematics Learning Resources (Manipulative Materials) in two (2) Batches, Batch 1 (February 7-9, 2025) and Batch 2 (February 14-16, 2025) at DepEd-NEAP RO2, Carig Sur, Tuguegarao City.

2. Meals and snacks shall be served during the activity. First and last meals are as follows:

Activity	First Meal	Last Meal
Orientation (Batch 1)	Lunch (February 7)	Lunch (February 9)
Orientation (Batch 2)	Lunch (February 14)	Lunch (February 16)

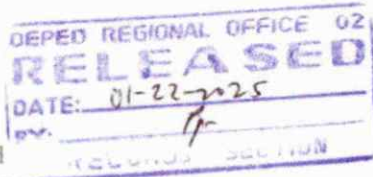
3. The Matrix of Activities and List of Participants are attached in Annexes A and B, respectively.

4. Board and lodging and traveling expenses of participants shall be charged against Sub-Allotment Release Order Number OSEC-23-6797, and should the allotted funds will be insufficient, Division/School MOOE shall be used subject to the usual government accounting and auditing rules and regulations.

5. The participants shall be granted Compensatory Overtime Credit per CSC and DBM Circular No. 2, series 2004 dated October 4, 2004. They will render Compensatory Overtime Credit to ensure the successful conduct of the orientation.

6. Other provisions of Regional Memorandum No. 470, s. 2024 shall remain in effect.

7. Immediate dissemination of this Memorandum to all concerned is highly desired.



**BENJAMIN D. PARAGAS, PhD, CESO III**  
 Director IV/Regional Director

Encl: As stated  
 Reference: None

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

**REGIONAL ORIENTATION  
 MATHEMATICS LEARNING RESOURCES  
 MANIPULATIVE MATERIALS**

CLMD/ove/trd

<b>MEMORANDUM</b>		Date: 01-24-25	Released (Records):
To:	<input checked="" type="checkbox"/> PSDS/DICs	<input checked="" type="checkbox"/> Elem/Sec School Heads	
	<input type="checkbox"/> Private Schools	<input type="checkbox"/> Others:	
For:	<input checked="" type="checkbox"/> Information	<input checked="" type="checkbox"/> Dissemination	
	<input type="checkbox"/> Guidance	<input type="checkbox"/> Strict Compliance	
<b>ORLANDO E. MANUEL PhD., CESO V</b> Schools Division Superintendent			
By:	<input type="checkbox"/> ASDS	<input type="checkbox"/> CID Chief	<input type="checkbox"/> SGCD Chief
	<input type="checkbox"/> AO	<input checked="" type="checkbox"/> Atty.	Signature:



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**ANNEX A: MATRIX OF ACTIVITIES**

Time	Activities	Responsible Persons	Method
<b>Day 1</b>	Batch 1: February 7, 2025 (Friday) Batch 2: February 14, 2025 (Friday)		
6:00AM-1:00PM	Travel Time Registration	CLMD Staff	Face to Face
1:00PM-2:00PM	Opening Program	CLMD Personnel & Staff	Face to Face
2:00PM-2:45PM	Updates: *National Mathematics Program *Results of the Rapid Mathematics Assessment (BOSY and EOSY 2023-2024) *Results of 2024 Contextualized ELLNA	<b>Isagani R. Duruin, PhD</b> EPS- Mathematics, CLMD	Face to Face
2:45PM-3:45PM	Lecture: From Blocks to Brilliance: The Power of Math Manipulatives in Learning"	<b>Rizalino G. Caronan, DME</b> EPS- LR, CLMD	
3:45PM-4:00PM	* Demo Teaching Flow and Mechanics	<b>Isagani R. Duruin, PhD</b> EPS- Mathematics, CLMD	
4:00PM-5:30PM(DT1) 5:00PM-6:30PM(DT2)	Lecture-Demo Utilization of the Mathematics Learning Resources (Manipulative Materials) 1. Popsicle Stick 2. Tub of Number Math Tiles	Batch 1: Cagayan, Cauayan City  Batch 2: Batanes, Isabela	
*45-minute demo with 15-minute Post Con simulation			
<b>Day 2</b>	Batch 1: February 8, 2025 (Saturday) Batch 2: February 15, 2025 (Saturday)		
8:00AM-8:30AM	MOL	CLMD Personnel	Face to Face
8:30AM-10:00AM	*Demo Teaching Utilization of the Mathematics Learning Resources (Manipulative Materials) 3. Play Money	Batch 1: Nueva Vizcaya Batch 2: Isabela	Face to Face
10:00AM-10:30AM	Snacks		
10:30AM-12:00AM	Continuation Lecture-Demo	Batch 1: Tuguegarao City Batch 2: City of Ilagan	Face to Face

→ c/o Isabela II  
Luzla



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	Utilization of the Mathematics Learning Resources (Manipulative Materials) 4. Geoboard		
12:00Nn-1:00PM	Lunch		
1:00PM-2:30PM	Continuation: Lecture-Demo Utilization of the Mathematics Learning Resources (Manipulative Materials) 5. Magnetic Fraction Tiles	Batch 1: Cagayan Batch 2: Santiago City	Face to Face
2:30PM-4:00PM (3PM-snacks)	Continuation: Lecture-Demo Utilization of the Mathematics Learning Resources (Manipulative Materials) 6. Magnetic Fraction Circles	Batch 1: Nueva Vizcaya Batch 2: Quirino	Face to Face
4:00PM-5:30PM	Continuation: Lecture-Demo Utilization of the Mathematics Learning Resources (Manipulative Materials) 7. Dry Erase Place Value Whiteboard	Batch 1: Cagayan Batch 2: Isabela	Face to Face
<b>Day 3</b>	Batch 1: February 9, 2025 (Sunday) Batch 2: February 16, 2025 (Sunday)		
8:00AM-8:30AM	MOL		
8:30AM-10:00AM	Continuation: Lecture-Demo Utilization of the Mathematics Learning Resources (Manipulative Materials) 8. Base Ten Blocks	Batch 1: Cagayan Batch 2: Isabela	Face to Face
10:00AM-10:15AM	Snacks		
10:15AM-12:00Nn	Closing Program	CLMD Personnel	Face to Face

*c/o Isabela I  
Aby*

CLMD/avc/ird



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**Annex B: List of Participants**

Participants to the Regional Orientation on the Utilization of Mathematics Learning Resources (Manipulative Materials)

Division-Batch 2 (Feb. 14-16, 2025) Batanes(4 pax)	EPS-Mathematics(1)	PSDs/School Head(1)	Key Stage 1 Teachers(2)
1. Violeta Binalon	Alex P. Geronimo	1. Shiena Marie B. Ydel 2. John Hedrick Castillo	

Participants to the Regional Orientation on the Utilization of Mathematics Learning Resources (Manipulative Materials)

Division-Batch 1(Feb. 7-9, 2025) Nueva Vizcaya(38 pax)	EPS-Mathematics(1)	PSDS/School Heads(12)	Key Stage 1 Teachers(25)
	1. Nimfa Norie Aquino	1. Avigayle A. Olaya	1. Victoria M. Viernes
		2. Mary Ann dela Pena	2. Febrayn A. Waya
		3. Marites Espnara	3. Cheryln G. Abancar
		4. Jefferson G. Roda	4. Sheryl P. Bal-ut
		5. Luvella U. Lilagan	5. Cindy G. Wasin
		6. Carol L. Suguitan	6. Jenelle Alleli Torres
		7. Charita T. Tavsa	7. Annie P. Pescasio
		8. Honorio Espiritu	8. Jasmin A. Lazaro
		9. Geraldine R. Galapon	9. Cherry Sebbey
		10. Anayln Quiambao	10. Sherry Claire T. Sales
		11. Cris Ian Lorenzo	11. Janice Joy P. De Fiesta
		12. Allan del Rosario	12. Polen Grace F. Tagami
			13. Jenevive W. Herry
			14. Anabel J. Vidal
			15. Leslie G. Suaya
			16. Abegail P. Bao-et
			17. Mercy A. Gullingay
			18. Marcelita G. Ildefonso
			19. Cecille Academia
			20. Celestina T. Bocasas
			21. Neil Kevin Navarette
			22. Juliana Paasa
			23. Melody M. Lopez
			24. Jenny C. Damaso
			25. Revie N. Neri

Feb. 7-9, was-