

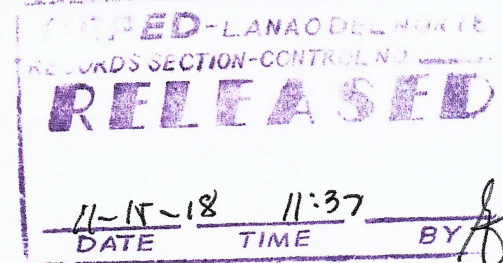


Republic of the Philippines
Department of Education
Region X – Northern Mindanao
DIVISION OF LANA DEL NORTE
Gov. A. Quibranza Prov'l Compound
Pigcarangan, Tubod, Lanao del Norte



DIVISION MEMORANDUM

To : **Carolina Clarito, Lala NHS**
Marilou Apat, Salvador NHS
Rodulfo Villarosa, Kapatagan NHS
Rico Viernes, Kapatagan NHS
Lalaine Dulanias, Kapatagan NHS
Gemvie Sayon, Kapatagan NHS
Leah Guimba, Kapatagan NHS
Marisol Fe Salarda, Lala NHS
Rudina Abella, Lala NHS
Elizabeth Lambojon, Lala NHS
Larny June Tutanias, Lala NHS
Alfie Ocaunilla, Lala NHS
Elsa Monteza, Salvador NHS
Sahawi S. Malik, Salvador NHS
Edna Regie C. Banaglorioso, Salvador NHS
Jenalyn A. Luna, Salvador NHS



From: **ROY ANGELO E. GAZO, CESO V**
Schools Division Superintendent

Subject: **CLUSTERED IN-SERVICE TRAINING – WORKSHOP ON LANGUAGE STRATEGIES IN MATHEMATICS THROUGH LESSON STUDY**

Date: November 13, 2018

1. In line with the mandate of the Department of Education to strengthen instructions in all learning areas, a Clustered In-service Training on Language Strategies in Mathematics through Lesson Study will be conducted on **November 28 and 29, 2018 at Lala NHS, Lala, Lanao del Norte.**
2. The training aims to:
 - a. integrate language strategies in teaching Math.
 - b. develop a research lesson/lesson study integrating language strategies
3. Participants are Grade 10 Math teachers in Lala NHS, Kapatagan NHS and Salvador NHS. Training matrix and list of facilitators are indicated in Enclosure 2.
4. Relative to this, the participants are advised to bring Math worksheets, teacher's guide, learner's material, reference materials, writing materials, laptop and pocket wifi/broadband stick. **Participants and facilitators should observe official time.**
5. Traveling expenses of the participants shall be charged against local funds subject to the usual accounting and auditing policies, rules and regulations.
6. For information and guidance.

CLUSTERED IN-SERVICE TRAINING – WORKSHOP ON LANGUAGE STRATEGIES IN MATHEMATICS THROUGH LESSON STUDY

TRAINING MATRIX

Time	Day 1	Day 2
7:00 – 8:00	Arrival & Registration (Marisol Fe Salarda)	Unfreezing Activities (Participants)
8:00 – 9:00	Opening Program (Training Team)	Demonstration Teaching (Participants – 3 groups)
9:00 – 10:00	Write for Math: Humanizing Mathematics (Lorraine C. Olavides)	
10:00 – 12:00	Vocabulary, Defining, Defining Format & Frames (Elsa Monteza)	Critiquing (Facilitators & Participants)
11:00 – 12:00		Classroom Demonstration (Process Observers: Carolina Clarito, Marilou Apat, Rodulfo Villarosa)
12:00 – 1:00	L U N C H	L U N C H
1:00 – 2:30	Teaching Math through Problem Solving (Rico Viernes)	Post Lesson Debriefing (Participants & Facilitators)
2:30 - 3:30	Sample Teaching Math (Marisol Fe Salarda)	Modification of the Research Lesson (Participants & Facilitators)
3:30 – 5:00	Workshop Development of Research lesson with Assessment (Participants)	Next Step Evaluation Closing Program