



Department of Education
Region X-Northern Mindanao
DIVISION OF MALAYBALAY CITY

Sayre Highway Purok 6, Casisang, Malaybalay City



DIVISION MEMORANDUM

No. 290, s. 2015

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DIVISION OF MALAYBALAY CITY
RELEASED
JULY 13 2015 Time: 9:00
[Signature]

**TO: Chief- CID & SGOD
Education Program Supervisors/Division Coordinator
Public Schools District Supervisors
Public Elementary School Heads
This Division**

FROM: EDILBERTO L. OPLENARIA
Schools Division Superintendent

**SUBJECT: Division Echo Training of Teachers in Teaching Elementary School
Mathematics through Problem Solving**

DATE: July 10, 2015

1. This Division will conduct a Division Echo Training of Teachers in Teaching Elementary School Mathematics through Problem Solving on July 30-31, 2015 at Loiza's Pavillion, Casisang, Malaybalay City.
2. The main objectives of this training are the following:
 - a. Explain the K to 12 Mathematics Curriculum and its features;
 - b. Differentiate among teaching mathematics through problem solving, teaching mathematics for problem solving, and teaching problem solving ;
 - c. Formulate assessment items or tasks that assess higher order thinking skills
 - d. Describe lesson study as a continuing professional development for teachers
 - e. Develop, implement, critique and improve a research lesson that uses teaching mathematics through problem solving

3. Participants to this training are 4 grade V / VI Mathematics teachers (2 Grade V and 2 Grade VI) and one (1) District Math Coordinator in every District .
4. Meals and snacks are charged to the Division Human Resource Training Development (HRTD) Funds while traveling and other incidental expenses shall be charged to local funds/MOOE subject to the usual accounting, rules and regulations.
5. For information and compliance.

Enclosure no. 1

Distribution of Participants

District	Grade V	Grade VI	District Math Coordinator	Total
Malaybalay City District I	2	2	1	5
Malaybalay City District II	2	2	1	5
Malaybalay City District III	2	2	1	5
Malaybalay City District IV	2	2	1	5
Malaybalay City District V	2	2	1	5
Malaybalay City District VI	2	2	1	5
Malaybalay City District VII	2	2	1	5
Malaybalay City District VIII	2	2	1	5
Malaybalay City District IX	2	2	1	5
Malaybalay City District X	2	2	1	5
Total	20	20	10	50
Facilitators				5
Division Personnel				15
Grand Total				70

Enclosure No. 2

Training Matrix

Day	Morning Session	Afternoon Session
Day 1 (July 30, 2015)	8:00 – 9:00 <ul style="list-style-type: none"> • Registration • Opening Program 9:00 – 10:30 <ul style="list-style-type: none"> • The K to 12 Mathematics Curriculum • Teaching Math Through Problem Solving 10:30 – 12:00 <ul style="list-style-type: none"> • Developing and Assessing Higher Order Thinking Skills 	1:00 – 2:00 <ul style="list-style-type: none"> • Sample Teaching 1 2:00 – 3:00 <ul style="list-style-type: none"> • Sample Teaching 2 3:00 – 4:00 <ul style="list-style-type: none"> • Debriefing Session 4:00 – 5:00 <ul style="list-style-type: none"> • Lesson Study
Day 2 (July 24, 2015)	8:00 – 10:00 <ul style="list-style-type: none"> • Workshop Development of Research Lesson with Assessment 10:00-12:00 <ul style="list-style-type: none"> • Demo Teaching Group 1 • Post Lesson Debriefing 	1:00 – 3:00 <ul style="list-style-type: none"> • Demo Teaching Group 2 • Post Lesson Debriefing 3:00 – 4:30 <ul style="list-style-type: none"> • Modification of Research Lesson 4:30 – 5:00 <ul style="list-style-type: none"> • Closing Program