DIVISION MEMORANDUM

No. 57 s. 2018

To: Public School District Supervisors
   Secondary School Principals/Head Teachers
   Math Teachers Concerned
   This Division

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

Subject: DIVISION TRAINING – WORKSHOP ON TEACHING MATHEMATICS THROUGH
         LESSON STUDY

Date: April 12, 2018

1. In line with the mandate of the Department of Education to strengthen instructions in all learning areas, the division will conduct a Division Training – Workshop on Teaching Mathematics through Lesson Study on April 23 – 24, 2018 and the venue will be announced on a separate memorandum.

2. The training aims to:
   a. train teachers to teach Mathematics through problem solving
   b. develop lesson plans in Mathematics using problem solving approach
   c. encourage teachers to use the developed research lessons

3. Participants are one Grade 9 and one Grade 10 Math teachers per school. 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, graphing papers, laptop and pocket wifi/broadband stick. Participants and facilitators should observe official time.

5. Teacher-participants shall be given 2 days service credits as per DepEd Order No. 53 s. 2003 upon submission of the three (3) copies of accomplished Form 48 after the training workshop.

6. Traveling expenses of the participants shall be charged against local funds subject to the usual accounting and auditing policies, rules and regulations.

7. Immediate dissemination of and strict compliance with this Memorandum to all concerned is highly enjoined.
# DIVISION TRAINING – WORKSHOP ON TEACHING MATHEMATICS THROUGH LESSON STUDY

## TRAINING MATRIX

<table>
<thead>
<tr>
<th>Time</th>
<th>Day 1</th>
<th>Day 2</th>
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<tbody>
<tr>
<td>7:00 – 8:00</td>
<td><strong>Arrival &amp; Registration</strong> (Jocelyn Manosa)</td>
<td><strong>Unfreezing Activities</strong> (Participants)</td>
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<tr>
<td>8:00 – 9:00</td>
<td><strong>Opening Program</strong> (Training Team)</td>
<td><strong>Lesson Study</strong> (Jocelyn Manosa)</td>
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<td>9:00 – 10:00</td>
<td><strong>K to 12 Mathematics Framework &amp; Curriculum</strong> (Superiano Maglangit)</td>
<td><strong>Demonstration Teaching</strong> (Participants – 6 groups)</td>
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<td>10:00 – 11:00</td>
<td><strong>LRMDS Standards &amp; Quality Assurance</strong> (EPSvr Connie A. Emborong)</td>
<td><strong>Critiquing</strong> (Facilitators &amp; Participants)</td>
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<td>11:00 – 12:00</td>
<td><strong>Teaching Math through Problem Solving</strong> (Marichu Licanda &amp; Jocelyn Manosa)</td>
<td><strong>Classroom Demonstration</strong> (Process Observers: L. Lagura, S. Maglangit, B. Nisnisan, D. Alboroto)</td>
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<td>12:00 – 1:00</td>
<td><strong>LUNCH</strong></td>
<td><strong>LUNCH</strong></td>
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<td>1:00 – 2:30</td>
<td><strong>Sample Teaching Math</strong> (Marichu Licanda)</td>
<td><strong>Post Lesson Debriefing</strong> (Bienvenida Nisnisan, Marilou Apat, Rene Montaza, Rodulfo Villarosa)</td>
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<td>2:30 - 3:30</td>
<td><strong>Assessment</strong> (Bienvenida Nisnisan)</td>
<td><strong>Modification of the Research Lesson</strong> (Marilou Apat, Superiano Maglangit, Marichu Licanda, Wahab Smith)</td>
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<td>3:30 – 5:00</td>
<td><strong>Workshop Development of Research lesson with Assessment</strong> (Dante Alboroto, Rodulfo Villarosa)</td>
<td><strong>Action Planning</strong></td>
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<td><strong>Evaluation</strong></td>
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<td><strong>Closing Program</strong></td>
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## LIST OF RESOURCE PERSONS / FACILITATORS

- **Leticia H. Lagura** – Lanao Norte National Comprehensive High School
- **Marilou Apat** – Salvador National High School
- **Rodulfo Villarosa** – Marcela Mabanta National High School
- **Rene Montaza** – Linamon National High School
- **Bienvenida M. Nisnisan** – Marcela Mabanta National High School
- **Marichu A. Licanda** - Magsaysay National High School
- **Jocelyn M. Manosa** - Pandanan Arsenio Quibranza National High School
- **Wahab M. Smith** - Sergio Cerujales National High School
- **Superiano A. Maglangit** - Teofila Quibranza National High School
- **Dante M. Alboroto** - Panoloon National High School
- **Lorraine C. Olavides** - Curriculum Implementation Division - Mathematics