DIVISION MEMORANDUM

To:    Carolina Clarito, Lala NHS
      Marilou Apat, Salvador NHS
      Rodulfo Villarosa, Kapatagan NHS
      Rico Viernes, Kapatagan NHS
      Lalaine Dulanas, 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 Tutanes, 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.
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<th>Time</th>
<th>Day 1</th>
<th>Day 2</th>
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<tr>
<td>7:00 – 8:00</td>
<td><strong>Arrival &amp; Registration</strong>&lt;br&gt;<em>(Marisol Fe Salarda)</em></td>
<td><strong>Unfreezing Activities</strong>&lt;br&gt;<em>(Participants)</em></td>
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<td>8:00 – 9:00</td>
<td><strong>Opening Program</strong>&lt;br&gt;<em>(Training Team)</em></td>
<td><strong>Demonstration Teaching</strong>&lt;br&gt;<em>(Participants – 3 groups)</em></td>
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<td>9:00 – 10:00</td>
<td><strong>Write for Math: Humanizing Mathematics</strong>&lt;br&gt;<em>(Lorraine C. Olavides)</em></td>
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<td>10:00 – 12:00</td>
<td><strong>Vocabulary, Defining, Defining Format &amp; Frames</strong>&lt;br&gt;<strong>(Elsa Monteza)</strong></td>
<td><strong>Critiquing</strong>&lt;br&gt;<em>(Facilitators &amp; Participants)</em></td>
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<td>11:00 – 12:00</td>
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<td><strong>Classroom Demonstration</strong>&lt;br&gt;<em>(Process Observers: Carolina Clarito,&lt;br&gt;Marilou Apat, Rodulfo Villarosa)</em></td>
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<td>12:00 – 1:00</td>
<td><strong>LUNCH</strong></td>
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<td>1:00 – 2:30</td>
<td><strong>Teaching Math through Problem Solving</strong>&lt;br&gt;<strong>(Rico Viernes)</strong></td>
<td><strong>Post Lesson Debriefing</strong>&lt;br&gt;<em>(Participants &amp; Facilitators)</em></td>
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<td>2:30 – 3:30</td>
<td><strong>Sample Teaching Math</strong>&lt;br&gt;<em>(Marisol Fe Salarda)</em></td>
<td><strong>Modification of the Research Lesson</strong>&lt;br&gt;<em>(Participants &amp; Facilitators)</em></td>
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<td>3:30 – 5:00</td>
<td><strong>Workshop Development of Research lesson with Assessment</strong>&lt;br&gt;<strong>(Participants)</strong></td>
<td><strong>Next Step</strong>&lt;br&gt;<strong>Evaluation</strong>&lt;br&gt;<strong>Closing Program</strong></td>
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