MEMORANDUM

TO:  SCHOOLS DIVISION SUPERINTENDENTS

FROM:  TOLENTINO G. AQUINO
        Director IV

SUBJECT:  REGIONAL TRAINING ON DESIGN THINKING IN K-3 SCIENCE AND MATHEMATICS TEACHING

DATE:  JULY 21, 2021

The Department of Science and Technology – Science Education Institute will be conducting the Regional Training on Design Thinking in K-3 Science and Mathematics Teaching on September 1-3, 2021 via online platform.

Relative to this, each division is requested to recommend K-3 Science and Mathematics teachers in the said activity and to submit the accomplished attached template on or before July 30, 2021 at email: sci.pdu@gmail.com copy furnished CLMD email: clmd.region1@deped.gov.ph.

<table>
<thead>
<tr>
<th>Title of the Activity</th>
<th>Date of the Activity</th>
<th>Target Participants</th>
<th>No. of Participants</th>
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<tbody>
<tr>
<td>Regional Training on Design Thinking in K-3 Science and Mathematics Teaching</td>
<td>September 1-3, 2021</td>
<td>EPS in Math</td>
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<td>EPS in Science</td>
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<td>Kindergarten teacher</td>
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<td>Grade 1 teacher</td>
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<td>Grade 2 teacher</td>
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<td>Grade 3 teacher</td>
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For information and compliance.

Encl.: Letter and Annex 1

Reference No.: M-775
CLMD/rap/Memo_RegTrainingonDesignThinking

Annex 1:

DepEd Region 1: Built on character; empowered by competence.
Annex 1:

LIST OF PARTICIPANTS

<table>
<thead>
<tr>
<th>Division</th>
<th>School</th>
<th>Name of Participants</th>
<th>Position</th>
<th>Grade level being taught</th>
<th>Email address</th>
<th>CP number</th>
<th>Fb Account</th>
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Prepared by: ____________________________ Noted by: ____________________________

CID Chief                                             School Division Superintendent
July 12, 2021

DR. TOLENTINO G. AQUINO
Regional Director
Department of Education-Regional Office I
San Fernando City, La Union

Dear Dr. Aquino:

First, allow us to express our gratitude for your continued support to the Project Science Teacher Academy for the Regions (STAR) of the Science Education Institute, Department of Science and Technology.

We wish to inform you too that the Regional Training on “Design Thinking in K-3 Science and Mathematics Teaching” will be held on September 1-3, 2021 for science and math teachers of Region I via online platform. This training aims to provide teacher-participants the opportunity to experience the design thinking process in designing a product or for solving a problem. At the end of the training, participants are expected to apply the design thinking to a variety of situations and adopt it as way of thinking.

In this connection, we would like to request the participation of our STAR Trainors, Mr. Jaime Campos, Jr. and Ms. Rica Perez, Education Program Supervisors for Science and Mathematics to serve as resource persons/facilitators of the training. Likewise, we would like to ask their assistance in identifying names of eighty-four (84) Key Stage 1 science and mathematics teachers who will attend the online training.

Finally, we would greatly appreciate if you could deliver a Message at the Closing Program of the said training on September 3, 2021 at 4:00 PM via Zoom with log-in details:
- Meeting ID: 837 4620 9512
- Passcode: star

Our SEI technical staff, Mr. Love Joy M. Pascua, shall coordinate with your office regarding these requests. For queries, he may be contacted at e-mail address sel.pdu@gmail.com or at mobile number 0912-340-9026.

We look forward to your positive response on our requests.

Thank you.

Very truly yours,

JOSETTE T. BIYO, Ph.D.
Director
PROGRAM OF ACTIVITIES

DAY 1 (SEPTEMBER 1, 2021)

8:00 - 8:30  REGISTRATION
8:30 - 9:30  OPENING PROGRAM
            Prayer
            National Anthem
            Welcome Remarks
            Dr. Shirley C. Agrupis
            President, Mariano Marcos State University
            Messages
            Dr. Josefa T. Blyo
            DepEd Science Education Institute
            STAR AVP
            Statement of Objectives
            Ms. Cynthia T. Gayya
            Supervising Science Research Specialist, SEC
            House Rules

9:30 - 10:30  BASIC EDUCATION AND LAYING THE FOUNDATIONS,
              FOR LIFELONG LEARNERS
              Mrs. Rica Perez
              DepEd Region I

10:30 - 11:30  TEACHING AND LEARNING IN K-3
                Dr. Jaime Campos, Jr.
                DepEd Region I

11:30 - 12:30  21ST CENTURY LEARNERS: UNDERSTANDING
                GENERATIONAL DIFFERENCES AND
                LEARNING NEEDS
                Dr. Rosabel Acosta
                Mariano Marcos University

12:30 - 1:30  LUNCH

1:30 - 2:30  DESIGN THINKING

2:30 - 3:00  LECTURE: EMPATHIZE

3:00 - 4:00  WORKSHOP 1: EMPATHIZE

4:00 - 5:00  PLENARY GROUP PRESENTATION

DAY 2 (SEPTEMBER 2, 2021)

8:15 - 8:30  Management of Learning
8:30 - 9:00  LECTURE: DEFINE

9:00-10:00  WORKSHOP 2: DEFINE

10:00 - 10:15  Health Break

10:15 - 11:15  PLENARY GROUP PRESENTATION

11:15-11:45  LECTURE: IDEATE

11:45 - 1:00  LUNCH

1:00 - 2:00  WORKSHOP 3: IDEATE

2:00 - 3:00  PLENARY GROUP PRESENTATION

3:00 - 3:30  LECTURE: PROTOTYPE

3:30-4:30  WORKSHOP 4: PROTOTYPE

4:30 - 5:30  PLENARY GROUP PRESENTATION

DAY 3 (SEPTEMBER 3, 2021)

8:15 - 8:30  Management of Learning
8:30 - 9:00  LECTURE: TEST

9:00-10:00  WORKSHOP 5: TEST

10:00 - 12:00  PRESENTATION OF OUTPUTS

12:00 - 1:00  LUNCH

1:00 - 2:00  DESIGN THINKING IN THE CLASSROOM

2:00 - 3:00  REVISION, ACTION PLANNING & EVALUATION

3:30-4:30  CLOSING CEREMONIES

Dr. Rolando Aquino
Regional Director
DepEd Region I

Ms. Cynthia T. Gayya
Supervising Science Research Specialist, SEC

Awards of Certificates
Group Photo