



Republic of the Philippines
Department of Education
REGION VIII - EASTERN VISAYAS

December 3, 2021

REGIONAL MEMORANDUM

No. **001832**, s. 2021

DESIGN THINKING IN K-3 SCIENCE AND MATHEMATICS TEACHING

To: Schools Division Superintendents
Public Elementary and Secondary School Heads
All Others Concerned

1. In partnership with the Department of Science and Technology-Science Education Institute (DOST-SEI) this Office, through the Curriculum and Learning Management Division (CLMD), shall conduct a virtual training in Design Thinking in K-3 Science and Mathematics Teaching on December 9-11, 2021.
2. This training aims to provide teacher-participants the opportunity to experience the design thinking process in designing a product or solving a problem. Likewise, they are expected to apply the design to a variety of situations and adopt its way of thinking.
3. Each division shall identify eight (8) participants composed of two (2) Education Program Supervisors in Mathematics and Science and six (6) teachers handling in Science and Mathematics subjects. The identified participants are requested to bring needed learning materials for reference during the workshop.
4. The participants who render service and/or attend a virtual activity in an official capacity on days that fall on weekends or non-working holidays can avail of service credits or CTO equivalent to eight (8) hours of service per day, whichever is applicable, as allowed under the existing office and Civil Service Commission policies.
5. Immediate dissemination of and compliance with this Memorandum are desired.

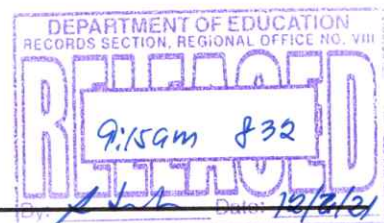

EVELYN R. FETALVERO, CESO IV
Regional Director P

Enclosure : List of Participants, Training Matrix

Reference: Letter from DOST

To be indicated in the Perpetual Index under the following subjects:

DESIGN THINKING K to 3 MATH SCIENCE TRAINING VIRTUAL
CLMD-SSC



Government Center, Candahug, Palo, Leyte
(053) 832-2997 | region8@deped.gov.ph
ISO 9001:2015 Certified

DepEd RO8 ATA-F22 (CY2018-v03-r00) Page 1 of 2



Enclosure 1: RM No. 892 s. 2021

**LIST OF PARTICIPANTS to the
DESIGN THINKING IN K to 3 SCIENCE and MATHEMATICS TEACHING
DEEMBER 9-11, 2021**

| DIVISION | MATH | SCIENCE |
|---------------|---|---|
| Baybay City | 1) MARIA P. TERESA RABANOS, EPS 09275465087 maria.rabanos002@deped.gov.ph 2) Ma. Victoria B. Escasinas Pomponan ES 09633763465 mavictoria.bartolini@deped.gov.ph 3) Leonila A. Escasinas Sabang ES 09393822619 leonila.escasinas001@deped.gov.ph 4) Jovena B. Mahipos Baybay I Central School jovena.mahipos001@deped.gov.ph 09614642437 | 1) Elsa B. Tabudlong, EPS 09177251452 elsa.tabudlong@deped.gov.ph 2) Bernadeth L. Fernandez Kilim ES 09606647642 Email add: bernadeth.fernandez@deped.gov.ph 3) Ofelia N. Albarico Baybay 1 CS 09479599618 ofelia.albarico001@deped.gov.ph 4) Annaliza B. Farol Baybay 2 CS 09984458572 annaliza.farol@deped.gov.ph |
| Biliran | 1) ROMMEL M. TAN Sr., EPS Cp. # 09272947060 rommel.tan001@deped.gov.ph 2) Ma. Victoria P. Lan, Balaquid ES, cp # 09105867446, mavictoria.lan@deped.gov.ph 3) Gail P. Ibañez Langgao ES gail.ibaz@deped.gov.ph Cp# 09612253852 4) Jhovie Chleo F. Tan School: Sto. Nino ES CP#: 09058231169 jhoviechleo.tan@deped.gov.ph | 1) Luteshane G. Gutierrez (Science OIC EPS) CP no. 09151356479 luteshane.gutierrez001@deped.gov.ph 2) ANAMARIE E. CORDETA - T 3 CP# 09606672214 anamarie.cordeta@deped.gov.ph Balaquid ES, Cabucgayan 3) DIANA V. CABUSOR - T 3 Ungale I ES, Kawayan 2 District Biliran CP #: 09753918176 diana.cabusor@deped.gov.ph 4) MARY ANN S. MACHETE - T 3 CP#: 09052994140 maryann.machete@deped.gov.ph Libtung Daku ES, Naval 3 District |
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PROGRAM OF ACTIVITIES

Design Thinking in K-3 Science and Mathematics Teaching

Region VIII

December 9-11, 2021

| DAY 1 (December 9, 2021) Dr. Maricel A. Gomez | | |
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| | | PERSONS INVOLVED/RESOURCE SPEAKER |
| 8:00-8:30 | Registration | DOST-SEI |
| 8:30-9:00 | Opening Program Prayer National Anthem Welcome Remarks Dr. Evelyn B. Aguirre <i>President, LNU</i> Message Dr. Josette T. Biyo <i>Director, SEI</i> STAR AVP Statement of Objectives Ms. Cynthia T. Gayya <i>Supervising SRS, SEI</i> House Rules | DOST-SEI |
| 9:00-9:45 | Basic Education and Laying the Foundations for Lifelong Learners | Dr. Josephine Pelingon Dean, Graduate School, LNU |
| 9:45-10:30 | Teaching and Learning in K-3 | Ms. Sarah S. Cabaluna EPS, Mathematics |
| 10:30-11:00 | 21 st Century Learners: Understanding Generational Differences and Learning Needs | Dr. Gil Nicetas B. Villarino Dean, College of Arts and Sciences, LNU |
| 11:00-12:00 | Design Thinking | Mr. Christian G. Abalos Head, Math Unit, LNU |
| 12:00-1:00 | Lunch | |
| 1:00-1:30 | Lecture: EMPHATIZE | Dr. Justina Lantajo Head, Science Unit, LNU |
| 1:30-2:30 | Workshop 1: EMPHATIZE | Facilitators: Baybay City (<i>Maam Just</i>) Biliran (<i>Maam Just</i>) Borongan City (<i>Sir Christian</i>) Calbayog City (<i>Sir Christian</i>) Catbalogan City (<i>Sir Christian</i>) Eastern Samar (<i>Sir Gil</i>) Leyte (<i>Sir Gil</i>) Maasin City (<i>Maam Jo</i>) Northern Samar (<i>Maam Jo</i>) Ormoc City (<i>Maam Sarah</i>) Southern Leyte (<i>Maam Sarah</i>) Tacloban City (<i>Maam Cel</i>) Samar (<i>Maam Cel</i>) |
| 2:30-4:00 | Plenary Group Presentation (5 presenters) 18 minutes each | Dr. Justina Lantajo |

| DAY 2 (December 10, 2021) Dr. Gil Nicetas B. Villarino | | |
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| 8:00-8:30 | Management of Learning | Division of Baybay City, Ormoc City and Tacloban City |
| 8:30-9:00 | Lecture: DEFINE | Mr. Christian G. Abalos Head, Math Unit, LNU |
| 9:00-10:00 | Workshop 2: DEFINE | Facilitators: Baybay City (<i>Maam Just</i>) Biliran (<i>Maam Just</i>) Borongan City (<i>Sir Christian</i>) Calbayog City (<i>Sir Christian</i>) Catbalogan City (<i>Sir Christian</i>) Eastern Samar (<i>Sir Gil</i>) Leyte (<i>Sir Gil</i>) Maasin City (<i>Maam Jo</i>) Northern Samar (<i>Maam Jo</i>) Ormoc City (<i>Maam Sarah</i>) Southern Leyte (<i>Maam Sarah</i>) Tacloban City (<i>Maam Cel</i>) Samar (<i>Maam Cel</i>) |
| 10:00-10:30 | Health Break | |
| 10:30-11:30 | Plenary Group Presentation (4 presenters) 15 minutes each | Mr. Christian G. Abalos |
| 11:30-12:00 | Lecture: IDEATE | Dr. Maricel A. Gomez Director, International Linkages, LNU |
| 12:00-1:00 | Lunch | |
| 1:00-2:00 | Workshop 3: IDEATE | Facilitators: Baybay City (<i>Maam Just</i>) Biliran (<i>Maam Just</i>) Borongan City (<i>Sir Christian</i>) Calbayog City (<i>Sir Christian</i>) Catbalogan City (<i>Sir Christian</i>) Eastern Samar (<i>Sir Gil</i>) Leyte (<i>Sir Gil</i>) Maasin City (<i>Maam Jo</i>) Northern Samar (<i>Maam Jo</i>) Ormoc City (<i>Maam Sarah</i>) Southern Leyte (<i>Maam Sarah</i>) Tacloban City (<i>Maam Cel</i>) Samar (<i>Maam Cel</i>) |
| 2:00-3:00 | Plenary Group Presentation (4 presenters) 15 minutes each | Dr. Maricel A. Gomez |
| 3:00-3:30 | Lecture: PROTOTYPE | Ms. Sarah S. Cabaluna EPS, Mathematics, DepEd RO8 |
| 3:30-5:00 | Workshop 4: PROTOTYPE | Facilitators: Baybay City (<i>Maam Just</i>) Biliran (<i>Maam Just</i>) Borongan City (<i>Sir Christian</i>) Calbayog City (<i>Sir Christian</i>) Catbalogan City (<i>Sir Christian</i>) Eastern Samar (<i>Sir Gil</i>) Leyte (<i>Sir Gil</i>) Maasin City (<i>Maam Jo</i>) Northern Samar (<i>Maam Jo</i>) Ormoc City (<i>Maam Sarah</i>) Southern Leyte (<i>Maam Sarah</i>) Tacloban City (<i>Maam Cel</i>) Samar (<i>Maam Cel</i>) |

| DAY 3 (December 11, 2021) Dr. Justina Lantajo | | |
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| 8:00-8:30 | Management of Learning | Division of Calbayog City, Catbalogan City and Leyte |
| 8:30-9:00 | Lecture: TEST | Dr. Josephine Pelingon Dean, Graduate School, LNU |
| 9:00-12:00 | Presentation of Outputs (13 presenters) | Dr. Josephine Pelingon STAR Trainors |
| 12:00-1:00 | Lunch | |
| 1:00-1:30 | Design Thinking in the Classroom Project/Problem-based Learning Activities Makerspaces | Mr. Christian Abalos Head, Math Unit, LNU |
| 1:30-2:30 | Action Planning and Evaluation | Ms. Sarah S. Cabaluna EPS, Mathematics, DepEd RO8 DOST-SEI |
| 2:30-3:30 | Closing Ceremonies Prayer Nationalistic Song Insights Message Dr. Evelyn R. Fetalvero <i>Regional Director, DepEd Region VIII</i> Awarding of Certificates Ms. Cynthia Gayya Group Photo | Eastern Samar and Samar |



November 25, 2021

DR. EVELYN FETALVERO

Regional Director
Department of Education-Regional Office VIII
Gov't Center, Candahug, Palo, Leyte

Dear Dr. Fetalvero:

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 **December 9-11, 2021** for science and math teachers of Region VIII 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, **Ms. Sarah Cabaluna** and **Mr. Ryan Tsiu**, Regional Education Program Supervisors for Science and Charge to serve as resource persons/facilitators of the training. Likewise, we would like to ask their assistance in identifying names of **one hundred four (104) 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 December 11, 2021 at 3:00 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 sei.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,


ALBERT G. MARIÑO
Deputy Director and OIC, SEI