



Republic of the Philippines
Department of Education
REGION VII - CENTRAL VISAYAS
DIVISION OF CITY SCHOOLS - TAGBILARAN CITY

Office of the Schools Division Superintendent

DIVISION MEMORANDUM

MLA - 2023 - CID - 082

TO : **MAURINE C. CASTAÑO** - DCPNHS
DR. JUANITA C. LAFUENTE - Manga Elementary School

FROM : **WILFREDA D. BONGALOS PhD, CESO V**
Schools Division Superintendent *WDB*

SUBJECT : **STEM - UP TO STEP - UP: Upskilling on
Science Investigatory Project (SIP) - Phase 3**

DATE : May 15, 2023

1. Relative to the efforts of the Department of Education Regional Office VII to capacitate teachers in mentoring science investigatory projects, the Curriculum and Learning Management Division (CLMD), will conduct the **STEM UP TO STEP UP: Upskilling on Science Investigatory Project (SIP) - Phase 3 on May 24-26, 2023 at the Applied Nutrition Center, Banilad, Cebu City.**
2. This activity aims to upskill the Science SIP mentors on:
 - 2.1 the gathering and treatment of scientific data;
 - 2.2 the analysis and discussion of scientific data;
 - 2.3 the forms and evaluation tools in assessing SIP projects; and
 - 2.4 the use of Robotics` Technology for Research
3. The following are the participants who will join the STEM UP TO STEP UP: Upskilling on Science Investigatory Project (SIP) - Phase 3.
 - **Mrs. Resa Niña A. Jacob** - **Dr. Cecilio Putong National High School**
 - **Mrs. Editha G. Gone** - **Manga Elementary School**
4. Meals, accommodation and honoraria of the resource speakers and participants shall be shouldered by the Regional Fund while the travel and other incidental expenses shall be shouldered by the Division or School MOOE, subject to usual accounting and auditing rules and regulations. The first meal will be dinner of May 23, 2023, and the last meal will be dinner of May 26, 2023.



Address: Dampas District, Tagbilaran City, Bohol
Telephone Nos.: (038)427-1702; (038)427-2506; (038)422-8177; (038)427-6718; (038)544-2147
Email Address: tagbilarancity.division@deped.gov.ph

5. Participants are advised to bring the following:
 - 4.2 bring laptop and extension wire; and
 - 4.3 download the minitab trial version on this link: <https://rb.gy/Itegx9>.
This will be used in the workshop on treatment of data.
6. Immediate dissemination of and compliance with this Memorandum are directed.

TRAINING MATRIX

STEM UP TO STEP UP: Upskilling on Science Investigatory Project- Phase 3
(Treatment, Analysis & Discussion of Scientific Finding
with Special Training on Robotics for Research)

May 24-26, 2023 @ ANC Banilad, Cebu City

Training Objectives: At the end of the training, the participants will be:

- A. upskilled in the gathering and treatment of scientific data;
- B. upskilled in writing analysis and discussion of scientific data;
- C. oriented on the forms and evaluation tools in assessing SIP projects;
- D. oriented on the use of Robotics' Technology for Research;
- E. able to submit a research write-up on the chosen type of Investigatory Project; and
- F. able to submit a Roll-Out Plan for the Division Training.

Training Duration: 3 Days
Date: May 24-26, 2023
Venue: ANC Banilad, Cebu City

TRAINING MATRIX

Day	Time	Activity
0 (May 23, 2023)	5:00 pm	Billeting of the 34 participants
1 (May 24, 2023)	6:00-7:00 am	Breakfast
	7:30-8:00 am	Registration
	8:00-8:30 am	I. Preliminaries (SDO Bohol- Dr. Castillo): Morning Prayer - AVP National Anthem - AVP Acknowledgment of Participants; Welcome Remarks and Rationale – Dr. Bryant C. Acar, RO7 EPS Science Inspirational Message Dr. Maria Jesusa C. Despojo, RO7 CLMD Chief

	8:30-11:30 am	<p>Walk Through of the Program Matrix</p> <p>Topic 1: SIP as Learning Outcomes in Science Curriculum Workshop 1 (20 minutes)</p> <p>Topic 2: Ethical Considerations Workshop 2 (20 minutes)</p> <p>Topic 3: SIP Tools and Forms</p> <p>Facilitator: Dr. Bryant C. Acar RO7- EPS Science</p> <p>Output Submission: Google Drive</p>
	11:45-12:00 noon	Open Forum – SDO Negros Oriental (Dr. Jungco)
	12:01-12:45 pm	Lunch Break
	12:45-1:00 pm	Energizer and Learning Highlights - Facilitated: SDO City of Bogo (Dr. Ramos)
	1:00-6:00 pm	<p>Topic 3: Treatment of Scientific Data Intro of speaker: SDO Talisay (Dr. Cahilap) Speaker: Mr. Alexphil O. Ponce Lecturer, College of Biology and Genetics Center for International Education – British School</p> <p>Open Forum – Facilitated by SDO Mandaue City (Dr. Tudlasan)</p> <p>Workshop 3 & 4: (60 minutes) by SDO Giving of Certificate to the Speaker: Moderator Submission: Google Drive</p>
2 (May 25, 2023)	6:00-7:30 am	Breakfast
	7:30-8:00 am	Registration through Google Form
	8:00-11:45 am	<p>Preliminaries and Highlights of Learning Facilitated by: SDO Lapu-Lapu City (Mrs. Mirasol)</p> <p>Topic 4: Robotics for Research Introduction of Facilitators: SDO Dumaguete City (Dr. Vendiola) Facilitators: Felta Multimedia 1. Annalyn F. Aban LPT – Certified LEGO Education Academy Teachers Trainer 2. Lance A. Aban – Robotics Technology Consultant 3. Coni Peralta – Robotics Program Coordinator</p> <p>Lecture- Workshop</p>
	11:45-12:00 noon	Open Forum: Facilitated by SDO Bais City (Mrs. Adana)
	12:00-12:45 noon	Lunch

	12:45-1:00 pm	Energizer and Learning Highlights - Facilitated: SDO Danao City (Mrs. Canales)
	1:00-5:00 PM	Continuation of the Topic 4 Open Forum – Facilitated by SDO Toledo City (Mr. Lana) Giving of Certificate to the Speaker: Moderator
Day 3 May 26, 2023	6:00-7:30 am	Breakfast
	7:30-8:00 am	Registration
	8:00-12:00 noon	<p>Room 1: Physical Science Room Preliminaries: SDO Tagbilaran (Mrs. Collyer)</p> <p>Room Moderator & Introduction of the Speaker by SDO Cebu City (Dr. Manawatao)</p> <p>Topic 5a: Presentation, Analysis and Discussion of Scientific Data in Physical Science Studies Speaker: MR. SEAGAL ASJALI Chairman Division of Biochemistry and Pharmacological Biotechnology, Cebu Normal University Topic: Analysis and Discussion of Physical Science Studies Workshop: 20 minutes</p> <p>AM Open Forum – Facilitator: SDO Carcar City (Mrs. Dayondon)</p> <p>Giving of Certificate to the Speaker: Moderator</p> <hr/> <p>Room 2: Life Science Room Preliminaries: SDO Siquijor (Dr. Lomocso)</p> <p>Room Moderator & Introduction of the Speaker by SDO Canlaon (Mr. Pabalinas)</p> <p>Topic 5b: Presentation, Analysis and Discussion of Scientific Data in Life Science Studies Speaker : DR. JAY P. PICARDAL Director of CNU Research Institute of Tropical Biology & Pharmacological Biotech</p> <p>Workshop: 20 minutes</p> <p>AM Open Forum – Facilitator: SDO City of Naga (Mrs. Lopez)</p> <p>Giving of Certificate to the Speaker: Moderator</p>

	1:00-5:00 PM	<p>Continuation of the Topics and Workshops</p> <p>Closing Program : (SDO Tanjay)</p> <p>Preliminaries:</p> <p>Impression: SDO Cebu Province (Dr. Montolo) SDO Guihulngan (Dr. Belono Jr.)</p> <p>Plan for Continuous Improvement – Dr. Bryant C. Acar RO7 EPS-Science</p> <p>Challenge Call – Dr. Maria Jesusa C. Despojo RO7 CLMD Chief</p> <p>Distribution of Certificates</p> <p>Home Sweet Home</p>
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Prepared by:

DR. BRYANT C. ACAR
EPS Science

Noted by:

DR. MARIA JESUSA C. DESPOJO
CLMD Chief