



Republic of the Philippines
Department of Education
SCHOOLS DIVISION OF MARINDUQUE

Office of the Schools Division Superintendent

October 24, 2025

DIVISION MEMORANDUM

No. 118 s. 2025

DIVISION CLINIQUE OF SCIENCE RESEARCH PROJECTS

To: Assistant Schools Division Superintendent
Chief Education Supervisors
Public Schools District Supervisors
Public Elementary & Secondary School Heads
All Others Concerned

1. In preparation for the Regional Science and Technology Fair 2025 where the submission of write-ups is scheduled on November 13, 2025 and the actual competition will be held on November 25-28, 2025, the Schools Division of Marinduque through the Curriculum Implementation Division (CID), will conduct a **Division Cliniquing of Science Research Projects** on November 10-11, 2025 at the Marinduque NHS Library, Boac, Marinduque.
2. The activity aims to:
 - a. verify the availability and completeness of the required International Science & Engineering Fair (ISEF) Forms;
 - b. ensure compliance of the research projects with the ISEF 2025 guidelines;
 - c. integrate the comments and suggestions of the Board of Judges;
 - d. facilitate the timely submission of write-ups on the scheduled date; and
 - e. enhance the presentation and defense skills of student researchers.
3. Participants are advised to bring their laptops, extension cords, research write-ups and slide decks for the two-day activity. They are expected to be at the venue on or before 7:30 a.m. The remaining balance from the registration fees collected during the Marinduque Scilympics shall be utilized to provide lunch for the student-researchers and panelists throughout the duration of the activity.
4. All research coaches shall serve as members of the panel during the research defense. Coaches are required to prepare a Catch-up Plan (duly signed by the school head and copy furnished to the Public Schools District Supervisor) for classes that will be affected by this activity.

5. The List of Participants and Panelists in the Cliniquing of Research Projects, Activity Matrix, and Catch-up Plan format are provided as enclosures for reference.
6. In view of a concurrent regional activity that the Education Program Supervisor in Science will attend, this Division hereby designates Mrs. Maricel O. Solas, Head Teacher VI of Marinduque National High School to facilitate the conduct of the Division Cliniquing.
7. Immediate dissemination of this Memorandum is desired.


LYNN G. MENDOZA, EdD
OIC, Schools Division Superintendent

Encls: As stated

Reference: Regional Memorandum No. 98, s. 2025

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

CONTESTS
LEARNERS

LEARNING AREA, SCIENCE
TEACHERS

LSIT OF PARTICIPANTS AND PANELISTS IN THE CLINIQUING OF RESEARCH PROJECTS

LIFE SCIENCE-INDIVIDUAL CATEGORY				
TITLE	PROPONENT/S	ADVISER	SCHOOL	PANELISTS
Chemical Fingerprinting of <i>Alpinia elegans k. schum</i> via Spectroscopy Profiling for Potential Rabies Post Exposure Prophylaxis	Kaelyn Mae Manahan	Fristian Anthony L. Dormido	Marinduque National High School	Jefferson Mameng Jay Anne Flores Perry Angelo C. Manlapaz
LIFE SCIENCE-TEAM CATEGORY				
TITLE	PROPONENT/S	ADVISER	SCHOOL	PANELISTS
Water Pest to Superfood: Development of Protein-Rich Flour Product Based from <i>Pomacea canaliculata</i>	Zheyenne Tranqueña Ruiz, Pia Facto, Migs Carl Regio	Fristian Anthony L. Dormido and Jay Anne M. Flores	Marinduque National High School	Jefferson Mameng Jay Anne Flores Perry Angelo C. Manlapaz
PHYSICAL SCIENCE-INDIVIDUAL CATEGORY				
TITLE	PROPONENT/S	ADVISER	SCHOOL	PANELISTS
Phytomining and Soil Detoxification: Utilization of Plant-Eating Heavy metals for sustainable Remediation and Resources Recovery in Ino-Capayang Mine-made Area	Raeben Kurt P. Mantaring	Fristian Anthony Dormido and Jefferson Mameng	Marinduque National High School	Riena I. Rodriguez Mailyln M. Go Jomar Linga
PHYSICAL SCIENCE-TEAM CATEGORY				
TITLE	PROPONENT/S	ADVISER	SCHOOL	DISTRICT
Utilizing Buri Palm (<i>Corypha utan</i>) Fiber as an Alternative Biomaterial for sustainable Barong tagalog and Filipiniana Production	Georgia Lea Patalinhug, Keid B. Cabrera, Gabriel Liam Revilloza	Perry Angelo C. Manlapaz and Mailyln Go	Landy National High School	Riena I. Rodriguez Mailyln M. Go Jomar Linga
ROBOTICS AND INTELLIGENT MACHINE-INDIVIDUAL CATEGORY				
TITLE	PROPONENT/S	ADVISER	SCHOOL	PANELISTS
Alcoscan: Cloud-Based Finger Blood Alcohol Content (Bac) Detection Using Esp32 and Nir Spectroscopy For Assessing Alcohol INTOXICATION	Angeline R. Ceribo	Perry Angelo Manlapaz and Jomar Linga	Landy National High School	Christine Naling Bede Jaybert Mascarenas Jing-jing Mendoza
ROBOTICS AND INTELLIGENT MACHINE-TEAM CATEGORY				

TITLE	PROPONENT/S	ADVISER	SCHOOL	PANELISTS
Thermasense: An Iot-Enabled Waerble Device With Cloud-Based Monitoring System for Heat Stress Detection In Farmers	Bettina Jones A. Rolloqui, Rachele Lei A. Madrona, Aryannah J. Regio	Perry Angelo Manlapaz and Jomar Linga	Landy National High School	Christine Naling Bede Jaybert Mascarenas Jing-jing Mendoza
MATHEMATICS AND COMPUTATIONAL SCIENCE-INDIVIDUAL CATEGORY				
TITLE	PROPONENT/S	ADVISER	SCHOOL	PANELISTS
Computational Model of Microplastic Contamination in Processed Dilis (<i>Encrasicholina oligobranchus</i>) Using Nile Red Microscopy	Earl John M. Jandusay	Reina I. Rodriguez, and Elaine Monta	Marinduque National High School	Elaine Monta Richelle Perlas Fristian Anthony Dormido
MATHEMATICS AND COMPUTATIONAL SCIENCE-TEAM CATEGORY				
TITLE	PROPONENT/S	ADVISER	SCHOOL	PANELISTS
Trajectory Truths: Analyzing Time of Flight in Projectile Motion Using standard Vs. Air Resistance Integrated Formulas via Python	Maria Justine Kayleigh C. Cerezo, Krizza Izzabelle M. Opis, Szekiel G. Olivar	Cristine Naling and Jing-Jing L. Mendoza	Marinduque National High School	Elaine Monta Richelle Perlas Fristian Anthony Dormido
SCIENCE INNOVATION EXPO-INDIVIDUAL CATEGORY				
TITLE	PROPONENT/S	ADVISER	SCHOOL	PANELISTS
Greasextractor: Grease Interceptor Integrated With Oil Skimmer	Mark Kian P. Asajar	Bede Jaybert C. Mascareñas and Richelle J. Perlas	Makapuyat National High School	Fristian Anthony Dormido Perry Angelo Manlapaz Bede Jaybert Mascarenas
SCIENCE INNOVATION EXPO-TEAM CATEGORY				
TITLE	PROPONENT/S	ADVISER	SCHOOL	PANELISTS
Automeal: A Real-Time Monitoring And Dispensing Device For Dog Feeding Management	Mary Pauline Inding, Ava Sophia Mariposque, Reian Aguirre	Fristian Anthony L. Dormido and Jay Anne M. Flores	Marinduque National High School	Maily M. Go Riena I. Rodriguez Christine Naling

ACTIVITY MATRIX

Time	DAY 1	TIME	DAY 2
7:30-8:00 AM	Registration	7:30-8:00 AM	Registration
8:30-9:00 AM	Opening Program	8:30-9:00 AM	Preliminaries
9:00-10:00 AM	Presentation of Research Projects (Panelists and Researchers) Life Science	9:00-10:00 AM	Final MOCK Presentation of Research Projects (5 mins presentation and 10 mins Q & A) Life Science
9:55-10:10 AM	AM BREAK	9:55-10:10 AM	AM Break
10:10-11:10 AM	Applied Science	10:10-11:10 AM	Applied Science
11:10-12:10 Noon	Robotics and Intelligent Machine	11:10-12:10 Noon	Robotics & Intelligent Machine
12:10-1:00 PM	LUNCH BREAK	12:10-1:00 PM	LUNCH BREAK
1:00-2:00 PM	Mathematics & Computational Science	1:00-2:00 PM	Mathematics & Computational Science
2:00-2:55 PM	Science Innovation Expo	2:00-2:55 PM	Science Innovation Expo
2:55-3:10 PM	PM Snack	2:55-3:10 PM	PM Snack
3:10-4:10 PM	Improvement in the Write-Ups Checking of the Required Forms (Coaches & Researchers)	3:10-4:10 PM	Ways Forward Closing Program

Enclosure No. 3 to the Division Memorandum No. 118, s. 2025
Catch-up Plan Format

Catch-up Plan
(Subject and Grade Level)

Identified Learning Competency	Action to be taken	Person-In-Charge	Target Date of Completion

Prepared by:

Name of Teacher

Noted:

Name of School Head