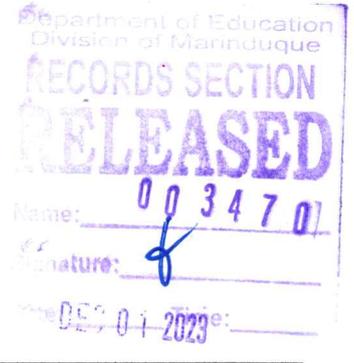




Republic of the Philippines
Department of Education
 MIMAROPA REGION
 SCHOOLS DIVISION OF MARINDUQUE



Office of the Schools Division Superintendent

November 30, 2023

DIVISION MEMORANDUM
 No. **77** s. 2023

PARTICIPATION TO THE 2023 VIRTUAL REGIONAL SCIENCE AND TECHNOLOGY FAIR

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

- With reference to Regional Memorandum No. 168, s. 2023 re: 2023 Virtual Regional Science and Technology Fair, this Division announces the list of qualified research projects that are included in the Regional Science and Technology Fair on December 4-7, 2023. Relative to this, actual conduct of virtual competition shall be held at the Marinduque NHS, Computer Laboratory, Isok, Boac, Marinduque on December 5, 2023.
- Participants in this activity are the student-researchers, and coaches with qualified Research Projects. Details are found in the attached enclosure.
- The host school is requested to prepare the following:

Venue	5 classrooms/ Conference Hall (free from noise or any form of distractions)
Equipment Needed	Five laptops/desktop with mouse, webcam and headsets (1 set per category)
Internet Connectivity	Strong Wi-Fi connection

- Further, Mr. Arnold Almonte, Mr. Niko Togado, Mr. Jerome Mendoza, Mr Jonathan Mangueria, and Ms. Mavi L. Carig are requested to assist the student-researchers in the virtual presentation of their research study while Ms. Kristine Lumalang is requested to document the proceedings.

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5. Declared Rank 1 winners will have a Regional Cliniquing in preparation for the National Science & Technology Fair at Marinduque NHS, Computer Laboratory on December 6-7, 2023.
6. Immediate dissemination of the contents of this Memorandum is desired.



LYNN G. MENDOZA, EdD
OIC, Schools Division Superintendent *LN*

Encls: As stated
Reference: Regional Memorandum No. 168, s. 2023
To be indicated in the Division Perpetual Index
Under the following subjects

CONTESTS
LEARNERS

LEARNING AREA, SCIENCE
TEACHERS

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Enclosure No. 1 to Division Memorandum No. 57, s. 2023

**LIST OF PARTICIPANTS IN THE 2023 REGIONAL SCIENCE
 & TECHNOLOGY FAIR**

LIFE SCIENCE-INDIVIDUAL CATEGORY				
TITLE	PROPONENTS	ADVISER	SCHOOL	DISTRICT
Aquatic Impact Assessment of Heavy Metals in Fish at Boac River, Marinduque: Two Decades After the Mining Disaster	Angelique Josh B. Mandia	Christine J. Naling	Marinduque NHS	Boac North
LIFE SCIENCE-TEAM CATEGORY				
Effectiveness of Fermented Fertilizer Made Out of Carabao Grass (<i>Paspalum conjugatum</i>) Leaves And Malunggay (<i>Moringa Oleifera</i>) Stem And Leaves on the Growth Rate of Mung Beans (<i>Vigna Radiata</i>)	Terence H. Olivar Draven Gomer M. Jambalos Kian Christopher L. Carig	Chritine J. Naling	Marinduque NHS	Boac North
PHYSICAL SCIENCE-INDIVIDUAL CATEGORY				
BL-FINE: A Potential Supplementary Cementitious Material and Aggregate for Sustainable Cement-Based Construction Materials	Andrei Jherome O. Parreno	Paolo Andrew Pantoja	Landy NHS	Santa Cruz North
PHYSICAL SCIENCE- TEAM CATEGORY				
The Feasibility of Saba Banana (<i>Musa Acuminata X Balbasiana</i>) Pseudostem as an Alternative Mailer for Packaging	John Mico S. Nazareno Leighnard Christian P. Principe Gierome L. Monleon	Fristian Anthony Dormido	Marinduque NHS	Boac North

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ROBOTICS INTELLIGENT MACHINE INDIVIDUAL -CATEGORY				
Arduino-Based Watering System with Multipurpose Humidification and Soil Moisture Level Monitoring for Household Plants	Cydel Neth Q. Lingon	Fristian Anthony L. Dormido	Marinduque NHS	Boac North
ROBOTICS INTELLIGENT MACHINE -TEAM CATEGORY				
TIC-TOK FEEDER: A Study of Time – Controlled Automatic Feeding System for Commercial Poultry	Mark Nathaniel P. Penaranda Mark Levi A. Roldan Roven M. Piguerra	Emalyn R. Rodil Maily M. Go	Landy NHS	Santa Cruz North
SCIENCE INNOVATION EXPO - INDIVIDUAL CATEGORY				
Essential Oil (<i>Oreganum Vulgare</i> : <i>Oregano</i> , <i>Laurusnobilis</i> ; Bay Leaves and Cymbopogon Nardus; Citrunella) Lamp as an Alternative for D-Allethrin Coil Mosquito Repellents	Lovely Joy Faith Vitto	Gueller Dee V. Salazar	Bangbang NHS	Gasán
SCIENCE INNOVATION EXPO - TEAM CATEGORY				
Arduino – Powered Earthquake Detection and Warning Device with Sound Alarm	Nimrod Ii A. Ordillano Kenrich T. Villanueva Michael Levie M. Alilio	Riena I Rodriguez	Marinduque NHS	Boac North

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