



Republic of the Philippines
Department of Education
REGION VII – CENTRAL VISAYAS
SCHOOLS DIVISION OF NEGROS ORIENTAL

**Office of the Schools Division
Superintendent**

10 OCT 2023

DIVISION MEMORANDUM

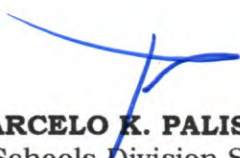
No. 431, s. 2023

FINALISTS FOR THE DIVISION SCIENCE AND TECHNOLOGY FAIR 2023

To: Assistant Schools Division Superintendents
Chief, CID and SGOD
Public Schools District Supervisors
Public Elementary and Secondary Administrators
All Others Concerned

1. This office through the Curriculum Implementation Division (CID), announces the finalists for the Division Science & Technology Fair 2023 who will present their projects in the Final Round on October 13, 2023, 8:00 A.M. at Negros Oriental High School's Gymnasium, Dumaguete City.
2. There will be a scheduled Virtual Conference on October 10, 2023 (3:00-4:00 PM) via MS Team to orient the finalists.
3. Participants for the virtual conference are the coaches and district coordinators of the top 5 finalists. The link will be provided through the District Science Coordinators.
4. Please see attached finalists for the Division Science and Technology Fair 2023
5. Immediate dissemination and compliance with this Memorandum is directed.

By the authority of the Schools Division Superintendent


MARCELO K. PALISPIS EdD, JD
Asst Schools Division Superintendent
Office In-Charge

NCO/JMA-MKP-NJR/CID/Arj
October 10, 2023



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FINALISTS FOR THE DIVISION SCIENCE AND TECHNOLOGY FAIR 2023

A. TUKLAS - LIFE SCIENCE - INDIVIDUAL CATEGORY (Secondary)		
Contestant #	DISTRICT	Title of the Entry/Project
1	Sta. Catalina District 1	Comparative Study on Different Concentrations of Amini Acid Extracts from Milkfish (<i>Chanos chanos</i>)waste as Fertilizers om Pechay Plants (<i>Brassica rapa</i>)
6	Siaton District 2	White Turmeric (<i>Curcuma Zedoaria</i>) and coconut (<i>Cocos Nucifera</i>) Milk as an alternative wart remover
11	Dauin District	Aloetion Beauty for Smooth and Silky Skin Using Aloe Vera (<i>Aloe barbadensis miller</i>) Leaf Extract
16	Sibulan District 2	A Comparative Study on the Larvcidal Action of Lanzones (<i>Lansium domesticum</i>) and Rambutan (<i>Naphelium Lappaceum</i>) Leaves, Peelings, and seeds
26	Bindoy District 2	Efficacy of Eucalyptus Globulus Extract against Fish Lice (<i>Argulus Japonica</i>) Present on Goldfish (<i>Carasius Auratus</i>)
B. TUKLAS - LIFE SCIENCE - TEAM CATEGORY (Secondary)		
Contestant #	DISTRICT	Title of the Entry/Project
1	Sta. Catalina District 1	Madre de cacao (<i>Gliricidia sepium</i>) as Pesticide in Pechay (<i>Brassica rapa</i> subsp. <i>Chensis</i>) Based on Percentage Concentration
7	Siaton District 3	Effects of Seaweeds' (<i>Ulva intestinalis</i>) Extracts on the Growth of Mung Beans (<i>Vigna radiata</i>) Seeds
11	Dauin District	Exploring the Feasibility of Malunggay (<i>Moringa Oleifera</i>) seeds as an Alternative Coffee
12	Bacong District	The Acceptability Level of rambutan Seeds (<i>Nephelium Iappaceum</i>) as Additive in Cookies Among the Students of San Miguel National High School – Senior High, Bacong, Negros Oriental
13	Valencia District	Potential Anti-Microbial Properties of Hibiscus Rosa-Sinensis, Bougaivillea Spectabilis, and Plumeria Obtusa

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C. TUKLAS - PHYSICAL SCIENCE - INDIVIDUAL CATEGORY (Secondary)		
Contestant #	DISTRICT	Title of the Entry/Project
1	Sta. Catalina District 1	Seawater Desalination Using Solar Energy
7	Siaton District 3	Investigating the Effects of the Different Concentrations of Guava (<i>Psidium guajava linn.</i>) Leaves Extract on the Shelf-Life of Saba Bananas (<i>Musa acuminata x balbisiana</i>)
14	NOHS	A comparative Study of the Effectiveness of Cassia Fistula Leaves and Madre de Cacao Leaves as Ripening Agent for Bananas
21	Mabinay District 3	Utilization of Light and Laser as Home Security Alarm
26	Bindoy District 2	Efficacy of Eucalyptus Globulus Extract Against Fish Lice (<i>Argulus Japonica</i>) Present on Goldfish (<i>Carasius Auratus</i>)
D. TUKLAS - PHYSICAL SCIENCE - TEAM CATEGORY (Secondary)		
Contestant #	DISTRICT	Title of the Entry/Project
10	Zamboanguita District 2	Development of Bioplastics: Can Eggshells Reinforce the Flexibility of Starch-based Bioplastic
11	Dauin District	Cornstarch Bioplastic: A Sustainable Alternative for a Greener Future
14	NOHS	Comparative Study on the Effectiveness of Papaya Fruit (<i>Carica Papaya</i>) White Latex and Lemon Juice with Calamansi as Stain Removers
16	Sibulan District 2	Improvised Mechanical Centrifuge: Its Feasibility in Separating Mixtures
27	Ayungon District 1 st	Capepro: Carabao Grass (<i>Paspalum Conjugatum</i>) as an Alternative Source for Paper Production

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E. TUKLAS - ROBOTICS & INTELLIGENT MACHINE (RIM)- INDIVIDUAL CATEGORY (Secondary)		
Contestant #	DISTRICT	Title of the Entry/Project
6	Siaton District 2	Feasibility of air quality and temperature detection mobility robot
7	Siaton District 3	Arduino based DHT-11 Room temperature and humidity monitoring system
11	Dauin District	Radio frequency identification: door lock system using Arduino uno
21	Mabinay District 3	Arduino based mechanized plant watering and monitoring system
26	Bindoy District 2	Blue Volt: harnessing technology for electricity control
F. TUKLAS - ROBOTICS & INTELLIGENT MACHINE (RIM) - TEAM CATEGORY (Secondary)		
Contestant #	DISTRICT	Title of the Entry/Project
5	Siaton District 1	Smart car for Search and rescue
8	Siaton District 4	Lifefinderbot: The Human Locator Robot
11	Dauin District	The Alertguard Home Protection: Arduino Enabled SMS Notification for Intrusion and Gas Leak Detection System
26	Bindoy District 2	Hydrosense: Advance Arduino Climate Adapter Hydroponics
29	Tayasan District 1	TASCIA-A01: The Prototype Innovative Object Carrier Robot

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G. TUKLAS - SCIENCE INNOVATION EXPO- INDIVIDUAL CATEGORY (Secondary)		
Contestant #	DISTRICT	Title of the Entry/Project
2	Sta. Catalina District 2	Short Message Service-Based Flood Level Monitoring System and Alarm
H. TUKLAS - SCIENCE INNOVATION EXPO- TEAM CATEGORY (Secondary)		
Contestant #	DISTRICT	Title of the Entry/Project
2	Sta. Catalina District 2	Soil Moisture Sensing Device using an Automatic System for watering Plants
6	Siaton District 2	Human-powered Cycling Generator System
11	Dauin District	Versablanket: Multi-Purpose Waterproof Blanket

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Note: The final rank of the top 5 of the Siyensikula & DigiTuro will be announced on October 13, 2023 during the awarding ceremony.

I. SIYENSIKULA - STUDENT CATEGORY (Secondary)	
Contestant #	DISTRICT
1	Sta. Catalina District 1
5	Siaton District 1
6	Siaton District 2
8	Siaton District 4
31	Jimalalud District 1
J. DigiTuro - TEACHER CATEGORY	
Contestant #	DISTRICT
1	Sta. Catalina District 1
2	Sta. Catalina District 2
5	Siaton District 1
9	Zamboaguita District 1
10	Zamboanguita District 2

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K. SIBOL - SIP (ELEMENTARY)		
Contestant #	DISTRICT	Title of the Entry/Project
6	Siaton District 2	
9	Zamboanguita District 1	
11	Dauin District	
27	Ayungon District 1	
34	La Libertad District 2	