



Republic of the Philippines
Department of Education
REGION XI
SCHOOLS DIVISION OF DIGOS CITY

OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT

DIVISION MEMORANDUM

CID-2024-577

To : Assistant Schools Division Superintendent
CID Chief
PSDS (Secondary and Digos Occidental District)
Education Program Supervisors (Math and Science)
Concerned School Heads
Health and Nutrition Unit Personnel
All others concerned

Subject : **ADDENDUM TO DIVISION MEMORANDUM CID-2024-561 RE: 2024 REGIONAL SCIENCE AND TECHNOLOGY FAIR (RSTF)**

Date : November 26, 2024

In reference to Division Memorandum CID-2024-561 and Regional Memorandum CLMD-2024-737 regarding the 2024 Regional Science and Technology Fair, the following additional personnel will serve as working group members and one nurse as nurse-on-duty on November 28-30, 2024, at Nabunturan National Comprehensive High School, Poblacion, Nabunturan, Davao de Oro.

This is to address the participants' needs regarding travel logistics and coordination, as well as for the preparation, transport, and supervision of 16 exhibit boards, while ensuring their health and safety throughout the competition.

Additional Technical Working Group:

Name	Designation	School
Jernalyn L. Castro	MT-II	Digos City NHS
Sergio L. Castro	T-III	Digos City NHS

Nurse-on-duty:

Name	Designation	Station
Frances Millicent R. Durano, RN	Nurse II	SDO

School/Department heads are reminded to implement alternative modes of delivery to ensure that the classes of teacher-participants will continue while they participate in the event subject to the policy on "No disruption of classes" as per DepEd Order No. 9, s. 2005 entitled "Instituting Measures to Increase Engaged Time-On-Task and Ensuring Compliance Therewith."

It is reiterated that participants, coaches, Regional Scientific Review Committee (RSRC), and other members of the working committees shall be granted service credits and compensatory time off under DepEd Order No. 53, s. 2023, entitled: Updated Guidelines on the Grant of Vacation Service Credits to Teachers while non-teaching personnel including the management staff shall be given Compensatory Time-off (CTO) as per Civil Service



Commission (CSC) and Department of Budget and Management (DBM) Joint Circular No. 2, s. 2004 on Non-Monetary Remuneration for Overtime Service rendered on Saturday, Sunday, or holiday.

It is also reiterated that expenses incurred during the conduct of the 2024 RSTF Activities shall be charged against local funds and other sources of funds, subject to the usual government accounting and auditing rules and regulations.

Other details related to the aforementioned event are still in effect.

For further details, you may reach out to Dr. Ivy F. Solano, Education Program Supervisor in Science, at ivy.solano@deped.gov.ph / 09295285142 for appropriate assistance.

Immediate and wide dissemination of this memorandum is desired.

For and in the absence of
Schools Division Superintendent

Sollie B. Oliver 11/27/24
SOLLIE B. OLIVER, JD, MATE
Chief ES – SGOD
Officer-in-Charge *(Signature)*

DepEd Schools Division of Digos City
RECORDS SECTION

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BY: *(Signature)*

Enclosed: As stated.

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Republic of the Philippines
Department of Education
REGION XI
SCHOOLS DIVISION OF DIGOS CITY

OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT

DIVISION MEMORANDUM

CID-2024-561

To : **Assistant Schools Division Superintendent
CID Chief
PSDS (Secondary and Digos Occidental District)
Education Program Supervisors (Math and Science)
Concerned School Head (DiCNHS)
Concerned Research Teachers/Coaches**

Subject : **CORRIGENDUM TO DIVISION MEMO CID-2024-554 RE: SUBMISSION
OF OFFICIAL DIVISION ENTRIES FOR 2024 REGIONAL SCIENCE AND
TECHNOLOGY FAIR (RSTF)**

Date : November 21, 2024

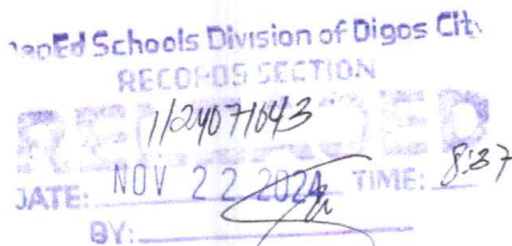
This is to correct the subject of Division Memorandum CID-2024-554, dated November 14, 2024. The subject should have been "**2024 REGIONAL SCIENCE TECHNOLOGY FAIR (RSTF)**" instead of "SUBMISSION OF OFFICIAL DIVISION ENTRIES FOR 2024 REGIONAL SCIENCE AND TECHNOLOGY FAIR (RSTF)".


All other details in the memorandum remain unchanged.

For your information and guidance.

Immediate and wide dissemination of this Memorandum is highly enjoined.

For and in the absence of
Schools Division Superintendent



PETER JASON C. SENARILLOS
Senior Education Program Specialist 

Enclosed: As stated.

CID/ifs



Address: Roxas Street cor. Lopez Jaena Street, Zone II, Digos City 8002
Telephone No: (082)553-8396 | (082)553-8376 | (082)553-9170
| (082)553-8375



Republic of the Philippines
Department of Education
REGION XI
SCHOOLS DIVISION OF DIGOS CITY

OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT

DIVISION MEMORANDUM

CID-2024- 554

To : **Assistant Schools Division Superintendent
CID Chief
PSDS (Secondary and Digos Occidental District)
Education Program Supervisors (Math and Science)
Concerned School Head (DiCNHS)
Concerned Research Teachers/Coaches**

Subject : **SUBMISSION OF OFFICIAL DIVISION ENTRIES FOR 2024 REGIONAL
SCIENCE AND TECHNOLOGY FAIR (RSTF)**

Date : November 14, 2024

In reference to Regional Memorandum CLMD-2024-737, dated November 4, 2024, the 2024 REGIONAL SCIENCE AND TECHNOLOGY FAIR (RSTF) will be held on November 28-30, 2024, at Nabunturan National Comprehensive High School, Poblacion, Nabunturan, Davao de Oro.

The event, themed "Towards a Shared Vision: Exploring the Future for a Better Tomorrow," serves as a platform for students to showcase innovative research projects that foster critical thinking and problem-solving skills through hands-on research. This event enhances scientific communication abilities while providing valuable networking opportunities with fellow young scientists.

Secondary level winners (rank 1) in all individual and team categories will advance to represent the region at the National Science and Technology Fair (NSTF) in March 2025. The official participants from the Division Team, including coaches, contestants, and division committee members, are listed in the enclosures.

School heads are reminded to implement alternative modes of delivery to ensure that the classes of teacher-participants will continue while they participate in the event subject to the policy on "No disruption of classes" as per DepEd Order No. 9, s. 2005 entitled "Instituting Measures to Increase Engaged Time-On-Task and Ensuring Compliance Therewith."

Participants shall be granted service credits and compensatory time off under DepEd Order No. 53, s. 2023, entitled: Updated Guidelines on the Grant of Vacation Service Credits to Teachers and Compensatory Time-off (CTO) as per Civil Service Commission (CSC) and Department of Budget and Management (DBM) Joint Circular No.



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2, s. 2004 on Non-Monetary Remuneration for Overtime Service rendered on Saturday, Sunday, or holiday.


Expenses incurred during the conduct of the 2024 RSTF Activities shall be charged against local funds and other sources of funds, subject to the usual government accounting and auditing rules and regulations.

For further details, please refer to the attached enclosure for the important details concerning these activities. You may contact Dr. Maria Liza L. Berandoy, Education Program Supervisor at marializa.berandoy@deped.gov.ph / 09985573362. You may also reach out to Dr. Ivy F. Solano, Education Program Supervisor in Science, at ivy.solano@deped.gov.ph / 09295285142 for additional assistance.

Immediate and wide dissemination of this Memorandum is highly enjoined.

For and in the absence of
Schools Division Superintendent


PETER JASON C. SENARILLOS
Senior Education Program Specialist
Officer-In-Charge 

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LIST OF PARTICIPANTS

Division Team

NAME	DESIGNATION
Melanie P. Estacio, PhD, CESO VI	Schools Division Superintendent
Maria Genevieve T. Francisquete	Assistant Schools Division Superintendent
Beverly S. Daugdaug	Chief ES - CID
Mary Joy B. Fortun	Public Schools District Supervisor
Ivy F. Solano	Education Program Supervisor - Science
Jem Boy B. Cabrella	Education Program Supervisor - Mathematics

LIST OF QUALIFIED PARTICIPANTS

Note: The succeeding entries are the top two (2) winners of the Division Science and Technology Fair 2024, held on November 8, 2024, at Igpit National High School.

CATEGORY	RANK	TITLE	NAME OF PARTICIPANTS	COACH	SCHOOL
SECONDARY					
RIM - Individual	1	Alarm and Sensing Device for Fry Saline Tilapia (<i>Tilapia molibicus</i>) Hatchery pH Level and Temperature Monitoring System	Senajon, Julia Riz A.	Hermosisima, Albert M.	Digos City National High School
	2	AI-Driven Physicochemical Monitoring System Integrated to a Solar - Powered Rainwater Purifier	Saban, Maria Margarette D.	Hernan, Jean W.	Digos City National High School
RIM - Team	1	Automated River Water Level Monitoring and Warning System: AQUAmaws	Catubig, Kiezha Rhen Faith R.; Santos, Leahne Karmell G; and Mapilis, Kristina R.	Dela Cruz, Kim G.	Digos City National High School
	2	Automated Dissolved Oxygen Level Sensor For Milkfish (<i>Chanos chanos</i>) Pond	Lawag, Conie Vyle S.; Suganay, Frenzel Nei.; and Fernandez, Gabrielle Blaise	Cadayona, Jo Ann F.	Digos City National High School
Physical Science - Individual	1	EXTRACTION OF CACAO POD HUSK (<i>Theobroma cacao</i>) DYE AND ITS COLORFASTNESS IN	Tenebro, Anne Mhyca C.	Deluao, Francis Philip G.	Digos City Senior High School



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CATEGORY	RANK	TITLE	NAME OF PARTICIPANTS	COACH	SCHOOL
		DIFFERENT FABRICS USING ALOE VERA (<i>Aloe barbadensis</i>) GEL AS MORDANT			
Physical Science - Team	1	CacaoAir: A refined Solar Dryer for Cacao (<i>Theobroma cacao</i>) Beans	Calumpong, Prinz Jollean Ivan D.; Saban, Hans D.; and Deparine, Princess C.	Tabanao, Miraflor	Digos City National High School
	2	HatchGuard: Third-Party Notification Device for Temperature and Humidity Monitoring Equipped with SMS Messaging	Rabago, Amiela Nicole A.; Artiaga, Mary Edualeen V; and Sabellano, Alexa Ysabelle A.	Teves, Reggie	Digos City National High School
Life Science - Individual	1	GROWTH-PROMOTING POTENTIAL OF GOLDEN APPLE SNAIL (<i>Pomacea canaliculata</i>) EGG-ETHANOLIC EXTRACT ON MUNG BEAN (<i>Vigna radiata</i>) AND ITS EFFECTS ON SEED IMBIBITION, ESTABLISHMENT RATE AND STARCH MORPHOLOGY	Cosino, Levrhon James, M.	Deluao, Francis Philip G.	Digos City Senior High School
	2	Priming of hybrid rice seeds using saluyot crude mucilage on assessing germination morphology	Wylah Pamintuan	Balorio, Jessie	Digos City Senior High School
Life Science - Team	1	Neem (<i>Azadirachta indica</i>) leaf extract as Bio-Pesticide against Adult Coconut Leaf Beetle (<i>Brontispa longissima</i>)	Maravilles, Jhudiel Vernn C.; Roldan, Icy Lein L.	Nerona, Donna S.	Digos City National High School
	2	Gmelina (<i>Gmelina arborea</i>) Leaf Extract as Potential Insecticide to Adult Rice Black Bug (<i>Scotinophara coarctata</i>) in Rice Crops	Monteza, John Rande Rhee N; Paraiso, Thyra Kiss U.; and Natavio, Cybel Jiazhen R.	Rosete, Maricris T.	Digos City National High School

CATEGORY	RANK	TITLE	NAME OF PARTICIPANTS	COACH	SCHOOL
Mathematics and Computational Science - INDIVIDUAL	1	Time Series Forecast: Utilizing Seasonal Autoregressive Integrated Moving Average (SARIMA) and Artificial Neural Network (ANN) Models for White Corn Crop Yield of Davao del Sur	Pelletero, Karl Nicoli S.	Dela Cruz, Kim G.	<i>Digos City National High School</i>
	2	Spatio-Temporal Predictive Modeling of Dengue Incidence in Digos City: An Epidemiological Forecasting Framework Using Support Vector Machine (SVM) Kernel Functions with Integrated Multi-Variate Data	Perez, Mhia Kaye S.	Delima, Glent Ian T.	<i>Digos City National High School</i>
Mathematics and Computational Science - TEAM	1	Revolutionizing Agricultural Resiliency: Utilizing Machine Learning Models for Meteorological Parameters and Flood Prediction in Barangay Igpit, Digos City	Bugador, RJ Justine G.; Caspe, Precious Lyka M.; and Granada, Van Anjela B.	Tenebro, Jacquelyne B.	<i>Digos City National High School</i>
	2	Stormwater Drainage System Design for Flood Prevention: Proving Manning's Equation and Developing New Canal Design with Darcy-Weisbach Integration in Flood-Prone Areas of Digos City	Balibay, Metch L.; Conat, Zyrene Avelle F.; and Permi, Rhianna Mae A.	Ares, Earl John D.	<i>Digos City National High School</i>
SCIENCE INNOVATION (Individual)	1	Mini Recycling Bin for WiFi	Juadiong, Kryziah Nicole Lee R.	Teves, Reggie	<i>Digos City National High School</i>
	2	Qr-Based Attendance System for Educational Institutions: Q.U.A.S.E.I.	Delos Reyes, Kate Megan S	Palmero, Warren P.	<i>Digos City National High School</i>

CATEGORY	RANK	TITLE	NAME OF PARTICIPANTS	COACH	SCHOOL
SCIENCE INNOVATION EXPO (TEAM)	1	T-HRES: Temperature-Humidity Regulating System	Apolonio, Frenelie Ann C; Luzarito, Jawell Kaye O.; and Sorongon, Leidee Fiona J.	Dela Cruz, Kim G.	Digos City National High School
	2	Cacao Plantation Pests Identification and Pest Control Recommendation	Flores, Trisha Mhaya L.; Lagdameo, Keziah G.; and Manceras, Arvie Jael S.	Palmero, Warren P.	Digos City National High School
ELEMENTARY					
Individual	1	The Potential of Coffee Husk (Cofea) as Charcoal Briquettes	Silva, Samantha Ysabelle R.	Sarona, Yehlen S.	Digos City Central Elementary School

LIST OF OBSERVERS, JUDGES AND SRCs

NAME	SCHOOL
Milagros C. dela Peña, MT-II	Digos City National High School
Lalaine Mortalla, MT-III	Digos City National High School
Aileen Joy M. Sanchez	Digos City National High School
Wellisa P. Milca, MT-II	Digos City National High School
Veronica T. Delima, MT-III	Digos City National High School
Aileen Joy M. Sanchez	Digos City National High School
Jaime S. Crispino, T-III	Digos City National High School
Maricel Manceras, MT-I	Digos City National High School



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