



Republic of the Philippines
Department of Education
REGION X
DIVISION OF CAGAYAN DE ORO CITY



Office of the Schools Division Superintendent

17 Dec 2024

DIVISION MEMORANDUM

No. 977 s.2024

ANNOUNCEMENT OF THE RESULTS OF THE 2024 REGIONAL SCIENCE
AND TECHNOLOGY FAIR

TO: Assistant Schools Division Superintendent
CID, OIC Chief and CID Personnel
Public Secondary School Heads
All Other Concerned

- Regarding the recently concluded **2024 Regional Science and Technology Fair**, which was successfully held last November 26-27, 2024 at Cagayan de Oro National High School- JH Campus, this Office congratulates all winners and participants in both Individual and Team categories. See Enclosure no. 1 for the list of winners in all categories.
- Gusa Regional Science High School as the first place winner of Physical Science Team category will represent Region 10 in the National Science and Technology Fair (NSTF) in March 2025 upon the approval of the National Scientific Review Committee (NSRC).
- The winners together with the coach and the full support of the concerned School Head should enhance and finalize the entry for the next level of competition.
- Attached is the Regional Memorandum no. 0989 for reference.
- This Office directs the immediate and wide dissemination of this Memorandum.

ROY ANGELO E. GAZO
Schools Division Superintendent



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Republic of the Philippines
Department of Education
REGION X
DIVISION OF CAGAYAN DE ORO CITY

Office of the Schools Division Superintendent

Encl.: As stated

Reference: As stated

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

RESULT

RSTF

DM019 -CID-IM-EQS / DM – ANNOUNCEMENT OF THE RESULTS OF THE 2024
REGIONAL SCIENCE AND TECHNOLOGY FAIR

December 17,2024



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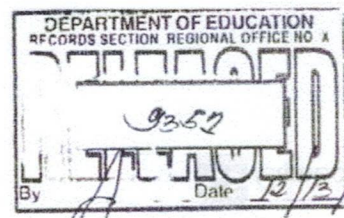
Enclosure 1. LIST OF WINNERS OF DIFFERENT CONTEST CATEGORIES

Best Oral/Paper	Best Poster	RESEARCH PROJECT TITLE	Category	Researcher/s	Research Advisers	School	School Head
2 nd	1 st	Smart Aquaponics System: Integrating IoT-based Real-Time Monitoring System for Sustainable Cultivation of Lettuce and Catfish	Science Innovation Expo-Team	Perland D. Pellerin Jester Jr. D. Dellosa Mike Leo G. Cayabyab	Jeffry Abella Leah Lyn Lingatong	CDONHS-JH	Maribeth Auman
2 nd	1 st	Integration of Polyvinyl Chloride(PVC) Plastic Waste into Concrete for Enhanced Lightweight and Thermal Conductivity Properties	Physical Science-Individual	Rielle Sarah Sofia P. Acoymo	Jeffry Abella Leah Lyn Lingatong	CDONHS-JH	Maribeth Auman
3 rd	1 st	Chanos chanos (Milkfish/Bangus) Powderized Fish Scales(Chitin) as a Purification Agent for Domestic Wastewater Treatment and Alternative for Resin Beads	Life Science-Team	Rey Bradford G. Babia Angelraine S. Bucol Yogita Dhadwal	Leah Lyn Lingatong Jeffry Abella	CDONHS-JH	Maribeth Auman
	2 nd	Composition and Abundance of Phytoplankton: A Red Tide Risk Assessment in Laguindingan, Misamis Oriental	Life Science-Team	Hershey C. Cano Kiesha N. Enriquez Saint Chenzy T. Lee	Adam Ray H. Manlunas	GUSA RSHS	Elizer O. Teruel
1 st	1 st	PINYASORB: Evaluating the Absorption Efficacy of Pineapple(<i>Ananas comosus</i>) Leaf Fiber-Based Foam for Oil Spill Removal	Physical Science-Team	Johnson A. Tan IV Jade Kerby B. Saluta Aliyah Jamille B. Estillore	Shoji-an D. Daradal	GUSA RSHS	Elizer O. Teruel

2nd	1st	OBVI: Object Based Visual Identification for Gusa Regional Science High School – X Students	Robotics and Intelligent Machines (Team)	Mikah R. Mabulay Anne Princess A. Lagradilla	Adam Ray H. Manlunas	GUSA RSHS	Elizer O. Teruel
3rd	1st	Implementing and Deriving Drain Flow Rate Formula for the Optimization of Drainage Placement System	Mathematical and Computational Science (Team)	Maica L. Uyan Acmad A. Pandapatan Mark Kenzo B. Paduga	Maria Louella Roz de Gracia-Raut	GUSA RSHS	Elizer O. Teruel
3rd	1st	Multimodal Data Integration for Rice (<i>Oryza sativa L.</i>) Yield Prediction in Northern Mindanao Using Machine Learning Models	Mathematical and Computational Science (Individual)	Gilbert Claude R. Imperio	Ariel V. Fabrigas	GUSA RSHS	Elizer O. Teruel



Republic of the Philippines
Department of Education
REGION X - NORTHERN MINDANAO



24-121385

REGIONAL MEMORANDUM

December 12, 2024

No. 0989 s. 2024

**ANNOUNCEMENT OF THE RESULTS OF THE 2024 REGIONAL SCIENCE
AND TECHNOLOGY FAIR**

To: Schools Division Superintendents
All Others Concerned

1. Regarding the recently concluded **2024 Regional Science and Technology Fair** held at the Cagayan de Oro National High School-Junior High Campus, Cagayan de Oro City, on November 26-27, this Office congratulates all the winners and participants in both Individual and Team categories:

Rank	Proponent/s	Coach/es	School/ Division
PHYSICAL SCIENCE- Individual (Oral)			
1st	Briona Veille B. Magpuyo	Carl Raymond M. Rafanan	Valencia NHS/ Valencia City
2nd	Rielle S. Acoymo	Leah A. Lingatong, Jeffry Q. Abella	CDONHS- Junior High School/ Cagayan de Oro City
3rd	Rhianne Denisse B. Aureus	Honey Ritzel G. Barillo	Iligan City East NHS/ Iligan City
PHYSICAL SCIENCE- Individual (Poster)			
1st	Rielle S. Acoymo	Leah A. Lingatong, Jeffry Q. Abella	CDONHS- Junior High School/ Cagayan de Oro City
2nd	Briona Veille B. Magpuyo	Carl Raymond M. Rafanan	Valencia NHS/ Valencia City
3rd	Precious Eve H. Estrada	Julius Dave E. Calingin	Gingog City Comprehensive NHS/ Gingog City
PHYSICAL SCIENCE- Team (Oral)			
1st	Johnson A. Tan IV Jade Kerby B. Saluta Aliyah Jamille A. Estillore	Shoji-An D. Daradal	Gusa Regional Science High School/ Cagayan de Oro City
2nd	Chloe Angel Sumagang Wayne Joshnine L. Quinon Hannah Jean V. Abella	Renalyn I. Villaraiz	Misamis Occidental NHS/ Oroquieta City
3rd	Mariea Ehrel S. Escanilla Azalea M. Gutierrez	Glimps B. Lapinig	Jimenez NCHS/ Misamis Occidental
PHYSICAL SCIENCE- Team (Poster)			
1st	Johnson A. Tan Aliyah Jamille A. Estillore Jade Kerby B. Saluta	Shoji-An D. Daradal	Gusa Regional Science High School/ Cagayan de Oro City
2nd	Chloe Angel Sumagang Wayne Joshnine L. Quinon Hannah Jean V. Abella	Renalyn I. Villaraiz	Misamis Occidental NHS/ Oroquieta City
3rd	Mariea Ehrel S. Escanilla Azalea M. Gutierrez	Glimps B. Lapinig	Jimenez NCHS/ Misamis Occidental

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Doc. Ref. Code: RO-ORD-F011
Effectivity: 01.22.24
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LIFE SCIENCE- Individual (Oral)			
1st	Daigo B. Katagiri	Freddie Jr. O. Saquin	Ozamiz City School of Arts and Trades/ Ozamiz City
2nd	Max Andriah V. Lumbo	Honey Ritzel G. Barillo	Iligan City East NHS/ Iligan City
3rd	Conie Marie M. Bugas	Edels Joy N. Romaguera	Misamis Occidental NHS/ Oroquieta City
LIFE SCIENCE- Individual (Poster)			
1st	Conie Marie M. Bunas	Edels Joy N. Romaguera	Misamis Occidental NHS/ Oroquieta City
2nd	Daigo B. Katagiri	Freddie Jr. O. Saquin	Ozamiz City School of Arts and Trades/ Ozamiz City
3rd	Clark Luis O. Gua	Clark Dell O. Soria	Aloran Trade HS/ Misamis Occidental
LIFE SCIENCE- Team (Oral)			
1st	John Earl S. Jacinto Genelou B. Del Valle Lavigne Wayne L. Villegas	Verna Laine D. Carpio	Tangub City NHS/ Tangub City
2nd	Celine Kate Wyne B. Villarta Princess Krizalaine R. Bernal Alexandria Marie Z. Gatpolintan	Roselynn Grace G. Montecillo	CMULHS/ Bukidnon
3rd	Yogita Dhadwal Rey Bradford G. Babia Angelrairie S. Bucol	Leah A. Lingatong, Jeffry Q. Abella	CDONHS- Junior High School/ Cagayan de Oro City
LIFE SCIENCE- Team (Poster)			
1st	Yogita Dhadwal Rey Bradford G. Babia Angelrairie S. Bucol	Leah A. Lingatong, Jeffry Q. Abella	CDONHS- Junior High School/ Cagayan de Oro City
2nd	Hershey C. Cano Kiesha N. Enriquez Saint Chenzy T. Lee	Adam Ray H. Manlunas	Gusa Regional Science High School/ Cagayan de Oro City
3rd	Celine Kate Wyne B. Villarta Princess Krizalaine R. Bernal Alexandria Marie Z. Gatpolintan	Roselynn Grace G. Montecillo	CMULHS/ Bukidnon
ROBOTICS and INTELLIGENT MACHINES- Individual (Oral)			
1st	Edrien Rey A. Remolado	Eileen J. Villaruz	Iligan City NHS/ Iligan City
2nd	Vince R. Agan	Wellyn Carol T. Pasco	Manolo Fortich NHS/ Bukidnon
3rd	Kent Dave H. Pilar	Jess D. Tamagos	Valencia NHS/ Valencia City
ROBOTICS and INTELLIGENT MACHINES- Individual (Poster)			
1st	Vince R. Agan	Wellyn Carol T. Pasco	Manolo Fortich NHS/ Bukidnon
2nd	Edrien Rey A. Remolado	Eileen J. Villaruz	Iligan City NHS/ Iligan City
3rd	Kent Dave H. Pilar	Jess D. Tamagos	Valencia NHS/ Valencia City
ROBOTICS and INTELLIGENT MACHINES- Team (Oral)			
1st	Gious Leon Xavier M. Abrea Ikean D. Pabillar Lourd Kymane S. Mariquit	Judy Mark T. Ortega	Iligan City East NHS/ Iligan City
2nd	Mikah R. Mabulay Anne Princess A. Lagradilla	Adam Ray H. Manlunas	Gusa Regional Science High School/ Cagayan de Oro City

SCIENCE INNOVATION EXPO- Individual (Poster)			
1st	Xandre Yosef S. Gaan	Jess D. Tamagos	Valencia NHS/ Valencia City
2nd	Thrixie Avril R. Orbe		Iligan City East NHS/ Iligan City
3rd	Garreth Yves S. Sabit	Lavena A. Amora, Fatima Agura	Gingoog City Comprehensive NHS/ Gingoog City
SCIENCE INNOVATION EXPO- Team (Oral)			
1st	Julie May R. Lumanas Ronnel Penaso Mervin M. Pedania	Irene D. Sabino	Lala NHS/ Lanao del Norte
2nd	Mike Leo G. Cayabyab Jester D. Dellosa Jr. Perland B. Pellerin	Leah A. Lingatong, Jeffry Q. Abella	CDONHS- Junior High School/ Cagayan de Oro City
3rd	Fame A. Orong Aletha P. Daniel Romulo N. barte	Jumari S. Sapio	Iligan City East NHS/ Iligan City
SCIENCE INNOVATION EXPO- Team (Poster)			
1st	Mike Leo G. Cayabyab Jester D. Dellosa Jr. Perland B. Pellerin	Leah A. Lingatong, Jeffry Q. Abella	CDONHS- Junior High School/ Cagayan de Oro City
2nd	Mary Rose A. Mericuelo Ralph Ivhan James O. Clarabal Camille G. Baguio	Dexby P. De Guzman	El Salvador City NHS/ El Salvador City
3rd	Ivan Kent T. Puro Hannah Lynn T. Edullantes Sofia Mae B. Tamayo	Jess D. Tamagos, Ace B. Cardeno	Valencia NHS/ Valencia City

2. The following first-place winners of the five categories will represent the Region in the National Science and Technology Fair (NSTF) in March 2025 upon the approval of the National Scientific Review Committee (NSRC). Therefore, the winner/s, together with their coach/es, should enhance and finalize their entries for the next level of the competition:

Category	Proponent/s	Coach/es	School/ Division
PHYSICAL SCIENCE- Individual	Briona Velle B. Magpuyo	Carl Raymond M. Rafanan	Valencia NHS/ Valencia City
PHYSICAL SCIENCE- Team	Johnson A. Tan IV Jade Kerby B. Saluta Aliyah Jamille A. Estillore	Shoji-An D. Daradal	Gusa Regional Science High School/ Cagayan de Oro City
LIFE SCIENCE- Individual	Daigo B. Katagiri	Freddie Jr. O. Saquin	Ozamiz City School of Arts and Trades/ Ozamiz City
LIFE SCIENCE- Team	John Earl S. Jacinto Genelou B. Del Valle Lavigne Wayne L. Villegas	Verna Laine D. Carpio	Tangub City NHS/ Tangub City
ROBOTICS and INTELLIGENT MACHINES- Individual	Edrien Rey A. Remolado	Eileen J. Villaruz	Iligan City NHS/ Iligan City

ROBOTICS and INTELLIGENT MACHINES- Team	Gious Leon Xavier M. Abrea Ikean D. Pabillar Lourd Kymane S. Mariquit	Judy Mark T. Ortega	Iligan City East NHS/ Iligan City
MATHEMATICS and COMPUTATIONAL SCIENCE- Individual	Olive Lauren C. Canillo	Mae Lourdes A. Enad	Lala NHS/ Lanao del Norte
MATHEMATICS and COMPUTATIONAL SCIENCE- Team	Rafael Robb E. Colonia Justin Marco L. Borja Christian Lloyd S. Ligan	Ivonne E. Semila	Quezon Bukidnon Comprehensive NHS/ Bukidnon
SCIENCE INNOVATION EXPO- Individual	Thrixie Avril R. Orbe	Jumari S. Sapio	Iligan City East NHS/ Iligan City
SCIENCE INNOVATION EXPO- Team	Julie May R. Lumanas Ronnel Penaso Mervin M. Pedania	Irene D. Sabino	Lala NHS/ Lanao del Norte

3. This Office also extends its commendation to the Division Education Program Supervisors in Science, Regional Science Review Committee (RSRC), Board of Judges, and Technical Working Group (TWG) for their active support and significant contribution.

4. This Office directs the immediate and wide dissemination of this Memorandum.

DR. ARTURO B. BAYOCOT, CESO III
Regional Director

DR. FEDERICO P. MARTIN, CESO V
Assistant Regional Director
Officer-in-Charge
Office of the Regional Director

ATCH.: As stated
To be indicated in the Perpetual Index
under the following subjects:

CONTESTS SCIENCE EDUCATION 2024 RSTF

RE: Results of the 2024 Regional Science and Technology Fair

CLMD/nick



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