



Republic of the Philippines
Department of Education
Region VI – Western Visayas
SCHOOLS DIVISION OF CAPIZ

20 OCT 2025

DIVISION MEMORANDUM
No. 541 s. 2025

RESULTS OF THE 2025 DIVISION SCIMATHLYMPICS
(Secondary Level)

To: Assistant Schools Division Superintendent
Chief Education Supervisor
Curriculum Implementation Division
OIC, Office of the Chief Education Supervisor
School Governance and Operations Division
Education Program Supervisors
Public Schools District Supervisors
Senior Education Program Specialists
Heads of Public Integrated and Secondary Schools
All Others Concerned

1. This is to announce to the field the results of the 2025 Division *SciMathlympics* conducted last October 4, 2025 at Capiz National High School, Fuentes Drive, Roxas City, Capiz.
2. Specific results are contained in Enclosure No. 1.
3. Immediate dissemination of this Memorandum is desired.

ROEL F. BERMEJO
Schools Division Superintendent

Attachment: As stated
Reference: None

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

CURRICULAR ACTIVITIES

SCIENCE

RESEARCH



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**RESULTS OF THE 2025 DIVISION SCIMATHLYMPICS
SECONDARY LEVEL**

Rank	Researcher/s			Research Adviser/s	School / School Head	SIP Title	Awards
	First Name	MI	Last Name				
LIFE SCIENCE (INDIVIDUAL CATEGORY)							
1	Chloe	D	Dumolong	Ainne D. Dordas Mary Luz N. Delfin Jona D. Concepcion	Maayon National High School Dr. Aida F. Villanueva	Antihyperglycemic and Anticholesterol Evaluation of Andrographis paniculata and Centella asiatica (L.) Urb. Leaf Extracts for the Development of GluChol Guard: A Cytotoxically Tested Functional Nutraceutical Strip for Type 2 Diabetes and Cholesterol Management	FIRST PLACE Best Paper Best Presenter Best Poster Display
2	Rylaine	V.	Daquin	Ronnel C. Bialen	Capiz National High School Charlie D. Begas	Cytotoxic Potential of Phyto-Nanoemulsions from Dalupang (Urena lobata) and Pili Nut (Canarium ovatum) Leaf Extracts Through Brine Shrimp Lethality Bioassay	SECOND PLACE
3	Hazel Mae	C	Perialde	George Distura John Paul G. De Juan	Vicente Andaya, Sr. National High School Dr. Raquel L. Llanera	Species Composition and Distribution Patterns of Manrove Communities In Ivisan, Capiz, Philippines	THIRD PLACE
4	Mariah Corazon	M.	Biaco	Jan Fred I. Condino	Dumalag Central National High School Vincent D. Lausa	From Waste to Resource: Utilizing Madre De Cacao (Gliricidia sepium) and Ipil-ipil (Leucaena leucocephala) Leaf Powder for Pechay (Brassica rapa chinensis) Growth	FOURTH PLACE
5	France Yñego	D	Tisara	Clint Rovie D. Dequiña	Panitan National High School Ma. Rita F. Villareal	Effectiveness of Corn Cob (Zea mays subsp.mays) and Fish bone as feeds for Broiler chicken	FIFTH PLACE
LIFE SCIENCE (TEAM CATEGORY)							
1	Maira Anneka	S	Soberano	Ronnel C. Bialen	Capiz National High School Charlie D. Begas	Alpha-Amylase Inhibitory Activity of Cadena de Amor (Antigonon leptopus) Leaves: Implications for Antihyperlipidemic and Antidiabetic Potential	FIRST PLACE Best Paper Best Poster Display
	Paul Benedict	S	Soberano				
2	Steven Kyle RJ	D	Dordas	Ainne D. Dordas Mary Luz N. Delfin Jona D. Concepcion	Maayon National High School Dr. Aida F. Villanueva	Curative Antiurolithiatic Potential of Andrographis paniculata and Centella asiatica (L.) Urb. Leaf Extracts in Dissolving Calcium Oxalate Crystals: An In Vitro UV-Vis Spectrophotometric Study for Kidney Stone Treatment	SECOND PLACE Best Presenter
	Duke Arkhinn	D	Balbino				
	El John	D	Magbanua				
3	Ariana	V.	Hospital	Roselle E. Frusa	Jamindan National High School Leonardo F. Farillon	Effects of Rambutan (Nephelium lappaceum) Fruit Peel Extract on the Lipid Profile Component of Blood for Hypercholesterolemic Rabbits (Orcytolagus cuniculus)	THIRD PLACE
	John Benedict L. Asuncion	L.	Asuncion				
	Romeo Daniel	O	O. Ricaforte				

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	First Name	MI	Last Name				
LIFE SCIENCE (TEAM CATEGORY)							
4	Erel Shine	D.	Fruponga	Jan Fred I. Condino	Dumalag Central National High School Vincent D. Lausa	Waste to Feed: Improving Broiler Chicken (<i>Gallus gallus domesticus</i>) Growth with Water Hyacinth (<i>Eichhornia crassipe</i>) Leaves	FOURTH PLACE
	Clara Bhel	F.	Fantinalgo				
	Neshialen	P.	Elesio				
5	Kristel	G.	Crazo	Jinha Mae P. Abayon	Tapaz National High School Dr. Emmie G. Garbosa	Utilizing Water Spinach (<i>Ipomoea aquatica</i>) Sweetpotato Leaves (<i>Ipomoea batatas</i>),Taro leaves (<i>Colocasia esculenta</i>) and Banana Peelings (<i>Musa paradisiaca</i>) as Growth Enhancer in Bell Pepper (<i>Capsicum annuum</i>)	FIFTH PLACE
	Allysa Rose	F.	Recoco				
	Giah Marie	S.	Patibo				
PHYSICAL SCIENCE (INDIVIDUAL CATEGORY)							
1	Richmond	D	Dacles	Frencé Dorado Lester Detoga	Maayon National High School Dr. Alda F. Villanueva	Bio-based Defense: Corrosion Resistance Potential of Cocos nucifera Oil and Citrus aurantifolia Extract Coating	FIRST PLACE Best Presenter Best Poster Display
2	Leigh Alexs		Tono	Mr. Ronnel C. Bialen	Capiz National High School Charlie D. Begas	Bio-Sand Composite Filter with Carbonized Coconut (<i>Cocos nucifera</i>) and Corn (<i>Zea mays</i>) Husks: A Sustainable Approach to Commercial Wastewater Treatment	SECOND PLACE Best Paper
3	Diseree	D.	Dacles	Kirby MN D. Agustino	Pontevedra National High School Dr. Myrthyl L. Cochling	Renewable Energy: Hybrid Wind Solar Power Generator System	THIRD PLACE
4	Kemmy Joy	D.	Frofunga	Jan Fred I. Condino and Andrea F. Franco	Dumalag Central National High School Vincent D. Lausa	Development and Evaluation of Trashcan with Automatic Waste Segregator	FOURTH PLACE
5	Zaira Nicole	R.	Pagayon	Gazel L. Bagonoc EdD	Bungsuan National High School Rosemeil G. Dalisay (OIC)	Color-Smart Bioplastic from Rice (<i>Oryza sativa</i>), Cassava (<i>Manihot esculenta</i>), and Blue Ternate (<i>Clitoria ternatea</i>): A pH-Responsive Film for Eco-Intelligent Food Packaging	FIFTH PLACE
PHYSICAL SCIENCE (TEAM CATEGORY)							
1	Alla	M	Alayon	John Paul G. De Juan George Distura	Vicente Andaya, Sr. National High School Dr. Raquel L. Llanera	Automate: An Arduino-Based Home Automation Assistant	FIRST PLACE Best Presenter
	Mariel Mae	G	Marapao				
	Althea Maezhelle	L	Meslas				
2	Angela Nicole	C.	Deldacan	Honey Grace F. Luna, Jannah Mae D. Belvis	Jose Diva Avelino Jr. National High School Gelyn B. Facto	BAHA: Flood Detection and Early Warning System for Community Preparedness	SECOND PLACE
	Lea	E.	Macawill				
	Princess PV	B.	Marbebe				
3	Peter Greig	R	Bernabe	Gazel Lamera Bagonoc	Bungsuan National High School Rosemeil G. Dalisay (OIC)	Harnessing Agricultural Byproducts: Banana (<i>Musa spp.</i>) Pseudostem and Rice (<i>Oryza sativa</i>) Hulls for Sustainable and Eco-Friendly Thermal Food Storage Prototype	THIRD PLACE
	Yurie	D	Arcangeles				
	Yliza Khiara	T	Michael				
4	Eurle Ann	H.	Febre	Jan Fred I. Condino	Dumalag Central National High School Vincent D. Lausa	From Prototype to Performance: Evaluating an Arduino Flame Detector	FOURTH PLACE
	Faith Angel Louise	F.	Alvarez				
	KC	F.	Falle				
5	John Dammiel Zeith	M.	Corcino	Chrislyn L. Comoro Frencé D. Dorado Ainne D. Dordas	Maayon National High School Dr. Alda F. Villanueva	From Waste to Walls: Evaluating the Potential of <i>Saccharum officinarum</i> Bagasse Fiber as an Eco-friendly Constituent in Concrete Hollow Blocks Production	FIFTH PLACE
	Qwin Roesch	D.	Buhay				
	Jolou	A	Dangdang				

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PHYSICAL SCIENCE (TEAM CATEGORY)							
	Sela Margarette	B	Valina	Joan Z. Ilon	Capiz National High School Charlie D. Begas	Multifunctional Fucoidan–Chitosan–Anthocyanin Biopolymer Film for Smart Food Packaging with Integrated Spoilage Sensing and Antibacterial Activity	Best Paper
	Sheena Faith	B.	Tiu				
	Jillian Eunice	A.	Baua				
	Kathleen Khate	B.	Arbatin	Irene L. Custodio	Marciano M. Patricio National High School Elene S. Sajonia (OIC)	Development and Evaluation of a gelatin-based composite reinforced with natural fibers from Nipa (Nypa Fruticans) Rachis	Best Poster Display
	Erika Grace	D.	Borci				
	Jovie Joyce	B	Fuentes				
ROBOTICS & INTELLIGENT MACHINES (INDIVIDUAL CATEGORY)							
1	Ellen Charica	V	Arevalo	Ronnel C. Blalen	Capiz National High School Charlie D. Begas	Revolutionizing Respiratory Diagnostics: PulmoCHECK Prototype - Pulmonary Chemical Health Evaluation and Classification Kit for Asthma and COPD	FIRST PLACE Best Paper Best Presenter
2	Rhyze Loraine	B	Badlang	Odenna T. Siano	Casanayan National High School Dr. Marie Liezel L. Diawara	Baston Alalay: ESP32 WROOM- Based Smart Cane with Emergency Alert Integration for the Visually Impaired	SECOND PLACE
3	Mica Armie	D	Guanco	Mary D Sumagaysay Lerner Rose Aborde	Manuel F. Onato National High School Dr. Micle S. Haguisan	EcoSort AI: Smart Solid Waste Classifier with Real-Time Audio- Educator and Full-Bin SMS Alert Notification	THIRD PLACE
4	Lady Quinica	E	Nagma	Milagros F. Jusa	Dumalag Central National High School Vincent D. Lausa	Wings of Innovation: Engineering SMART-WING, a Remote-Controlled Aerial Sprayer for Safer and Smarter Small-Scale Farming	FOURTH PLACE Best Poster Display
ROBOTICS & INTELLIGENT MACHINES (TEAM CATEGORY)							
1	Anne Bernadeth B. Bes	B.	Besana	Ronnel C. Blalen	Capiz National High School Charlie D. Begas	D-S.A.F.E.S.T Disaster device: Sensor-based with Alarm, SMS and Call System for Flood, and Earthquake, Smoke and Toxic Gas Leakage	FIRST PLACE Best Paper
	Jonla Graciella	B.	Balasa				
	Princess Meigan	C.	Dela Cruz				
2	Wella Aizelle	D	Ureta	Mary Luz N. Delfin Alne D. Dordas Jona D. Concepcion	Maayon National High School Dr. Alda F. Villanueva	AquaPatrol: A Semi- Autonomous Multi-Function Intelligent Aquatic Robot Integrating Real-Time Water Quality Surveillance, Turbidity Control, and Aquatic Waste Removal with Live Data Transmission for Sustainable Aquatic Ecosystem Preservation and Management	SECOND PLACE Best Presenter
	Princef Lou	D	Paderugao				
	Art Cesar	D	Bayhon				
3	Jackelyn	J	Derecho	Milagros F. Jusa and Arlie P. Fulliga	Dumalag Central National High School Vincent D. Lausa	Jansen-Legged SPIDERBOT: A Biomimetic Agricultural Robot for School Grounds, Community Lawns, and Small-Scale Garden Maintenance	THIRD PLACE Best Poster Display
	Rhencel	B	Faeldonea				
	Emibhel	B	Frebaldos				
4	Cyrus James	T.	Fortunato	Odenna T. Siano	Casanayan National High School Dr. Marie Liezel L. Diawara	A.M.B.O.T: Autonomous Medical Bot for Trash Collection	FOURTH PLACE
	Gem Audrye	B.	Alemon				
	Gem Audrye	B.	Alemon				
5	Hanna Angela	D.	Leonor	John Paul G. De Juan Vanessa S. Denonong	Vicente Andaya, Sr. National High School Dr. Raquel L. Llanera	SEGEMATE: Your Partner in Waste Solutions	FIFTH PLACE
	Ylyja Ann	V	Loyola				
	Arianne Mae	P	Lozada				

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	First Name	MI	Last Name				
NATIONAL SCIENCE INNOVATION EXPO (INDIVIDUAL CATEGORY)							
1	Louls Adrian	F.	Venus	Joan Z. Ilon	Capiz National High School Charlie D. Begas	IntelliBreak: Smart Circuit Breaker with Smoke Detector, Alert System, IoT, and GSM Functionality	FIRST PLACE Best Paper Best Presenter
2	Acel Marie	F	Biñas	Milagros F. Jusa and Arlie P. Fuliga	Dumalag Central National High School Vincent D. Lausa	AI-Assistive Trash-to-Charging Unit: A Sensor-Based Recycling System for Bottle Detection and Renewable Energy Activation	SECOND PLACE Best Poster Display
3	JOHN KING CARLO	C	VILUAN	Carl A. Tumlos	Tuburan National High School Joffrey B. Tibor	Project K.I.S.A.P.M.A.T.A. (Key Innovation for Speech Assistance through Eye-blink Patterns with Microcontroller and Advanced Technology Application)	THIRD PLACE
4	Michaela	A.	Castillo	Honey Grace F. Luna, Jannah Mae D. Belvis	Jose Diva Avelino Jr. National High School Gelyn B. Facto	SPARK (Smart Power Analysis and Recording Kit): An IoT-Based Smart Energy Meter	FOURTH PLACE
5	Jyll Sarah	B	TUNGCU	Rosalyn M. Omelan	Casanayan National High School Dr. Marie Lizeal L. Diawara	Power Siklo: A Self-Sustaining Renewable Energy Bicycle	FIFTH PLACE
NATIONAL SCIENCE INNOVATION EXPO (TEAM CATEGORY)							
1	Safira Keishia	C	Pelaez	Ronnel Cervales Bialen	Capiz National High School Charlie D. Begas	HealthGuard: An IoT-Enabled Heart Rate Abnormality Detector with Embedded ML and SMS Notifications	FIRST PLACE Best Paper Best Presenter
	Cass Mae	D	Cabantug				
	Rhenzmar	A	Duhig				
2	Christine	G	Denonong	Mary D. Sumagaysay	Manuel F. Onato National High School Dr. Micle S. Haguisan	AIoT-Based Helmet Detection Device via Local Mobile Edge Tracking	SECOND PLACE
	Angel Kyle	S	Loquinario				
	Rhianne Grace	D	Fines				
3	Prince Diane	F	Delgado	Honey Grace F. Luna, Jannah Mae D. Belvis	Jose Diva Avelino Jr. National High School Gelyn B. Facto	BANTAY (Building Automation and Notification Technology for Assisting You): An IoT-Based Smart Home System	THIRD PLACE
	Kyle Vincent	D.	Olano				
	Dave	A.	Catalan				
4	Jared	F	Buizon	Gerald E. Quito and Felynit A. Etiong	Dao National High School Dr. Julie G. Finlac	Sip Sustainably: A Solar-Powered Sustainable Water Dispenser with Smart Recycling and SMS Notifications	FOURTH PLACE
	Geneile Leigh	P	Acbo				
	John Rymild	E	Estorninos				
5	Rachelle Ann	I.	Sayago	Lonie L. Baranda	Mambusao National High School Marie Paz B. Almalbis	Automatic Pet Feeder Using Arduino	FIFTH PLACE
	Justin Carl	M.	Lasala				
	Sarah Jane	L.	Launio				
MATHEMATICS AND COMPUTATIONAL SCIENCE (INDIVIDUAL CATEGORY)							
1	Audric Keane	D.	Besa	Christian Dave A. Balasa Ian Carl V. Jano	Capiz National High School Charlie D. Begas	Sphere Packing In Concentric Shells (SPICS): A Mathematical Investigation of Inscribed Packing Uniformity and Efficiency	FIRST PLACE Best Paper Best Presenter Best Poster Display
2	Daniel James	B.	Caballes	Loradel Ebol	Dumalag Central National High School Vincent D. Lausa	Bahay Mabisa: Geometric Optimization of Dual-Use Windows for Royal Design	SECOND PLACE
3	Alliah	L.	De la Cruz	Nerimal L. Villano Irene B. Bocala	Jose Diva Avelino Jr. National High School Gelyn B. Facto	Pearl of Mathematocs: Unvelling the Secrets of Capiz Shells	THIRD PLACE
4	Shanen Marie	S.	Gavino	Gellan May B. Bolido	Dao National High School Dr. Julie G. Finlac	Rice In Rows: A Mathematical Investigation of Palay Planting Patterns	FOURTH PLACE

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MATHEMATICS AND COMPUTATIONAL SCIENCE (TEAM CATEGORY)							
1	Irox	L.	Llanto	Rizza Marie S. Lapidez Hyra P. Vergabera	Mambusao National High School Marie Paz B. Almalbis	SUNTRAX: Deriving Solar Geometry Equations for Power Output and Battery Performance	FIRST PLACE
	Krisha Illysa Mae		Castañeda				
	Lian Mae Boyano						
2	Julienne Kate	L.	Valaquilo	Christian Dave A. Balasa Ian Carl V. Jano	Capiz National High School Charlie D. Begas	Predicting PM2.5 Levels in Roxas City: A Stepwise Multiple Regression Analysis Utilizing Meteorological and Traffic Indicators	SECOND PLACE Best Paper Best Presenter Best Poster Display
	Charles David	S.	Delfin				
	MJ Angelique	A.	Jore				
3	Errha Mae		Lumajin	Norman F. De la Cruz Loradel Ebol	Dumalag Central National High School Vicent D. Lausa	Geometric Functionality in Hexagonal Picture Frames	THIRD PLACE
	Denze Anne May		Male				
	Yna Marie		Ondoy				
4	Arthur Lanz		Amoroso	Leoname B. Gonzales	Felciano Yusay Consing National High School Ronilo P. Tu	GeoSolar: Enhancing Energy Output Through Geometric Tilting	FOURTH PLACE
	Jex Teodorico		Minerva				
	Kevran		Mosquite				
5	Princess Nicloe	E.	Barrete	Jlen C. Constantino	Dao National High School Dr. Julie G. Finlac	When Minutes Matter: Optimizing Dao-Roxas City Emergency Travel	FIFTH PLACE
	Zyra Fe		Estialbo				
	Nathalle		Ocampo				