



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

October 28, 2024

DIVISION MEMORANDUM
No. 680 s. 2028

RESULTS OF THE 2024 DIVISION SCIMATHLYMPICS

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

1. This is to announce to the field the results of the 2024 Division *SciMathlympics* conducted last October 26, 2024 at Estefania Montemayor National High School, Barangay Ongol Ilaya, Dumarao, Capiz.
2. Specific results are contained in Enclosure No. 1.
3. Immediate dissemination of this memorandum is desired.


MIGUEL MAC D. APOSIN EdD, CESO V
Schools Division Superintendent

Enclosure: None
References: As stated

To be indicated in the **Perpetual Index**
Under the following subjects:

CONTEST	SCHOOLS	STUDENTS	QUIZ COMPETITION
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**RESULTS OF THE 2024 DIVISION SCIMATHLYMPICS
SECONDARY LEVEL**

Rank	Researcher/s			Research Adviser/s	School / Principal	SIP Title	Awards
	First Name	MI	Last Name				
PHYSICAL SCIENCE (INDIVIDUAL CATEGORY)							
1	Megan	N.	Andrada	Maria Fatima S. Bolido, Kristine D. Baes, Ronnel C. Bialen	Capiz National High School Charlie D. Begas	Kultitis (Amaranthus viridis) Ethanollic Extract-Based Body Wash: A Natural Approach to Skincare	FIRST PLACE Best Presenter
2	Matthew Francis	D.	Tolentino	Noemi D. Denosta	Feliciano Yusay Consing National High School Ronilo P. Tu	Prototype Semi-Automated Drainage Filter and Accumulator	SECOND PLACE Best Paper
3	Margarita Suzanne	A.	Latosa	Lonie L. Baranda, Vivi-an V. Provido	Mambusao National High School Dr. Marie Liezel L. Diawara	"Utilization of Agricultural Wastes (Corn Husk) and Coconut Husk) as Roof Insulation Material"	THIRD PLACE
4	Jasmen	P.	Diaz	Ainne D. Dordas, Mary Luz N. Delfin, EdD	Maayon National High School Lydia O. Distor (OIC)	From Grain to Green: Transforming Oryza sativa and Zea mays Starch as Sustainable Bioplastic	FOURTH PLACE
5	Lexyl Joy	P.	Forteza	Jan Fred I. Condino	Dumalag Central National High School Federico F. Fortit (OIC)	Improvised Flood Alarm Warning Signal	FIFTH PLACE
	Lizzie Ann	A.	Fuentes	Edwin G. Dumopoy	Pontevedra National High School Dr. Myrthyl L. Coching	Craft Paper Made from Corn Silk (Stigma maydis) and Okra Mucilage (Abelmoschus esculentus)	Best Poster Display
PHYSICAL SCIENCE (TEAM CATEGORY)							
1	Gisha Lou	F	Dela Cruz	Jan Fred I. Condino	Dumalag Central National High School Federico F. Fortit (OIC)	Improvised Pendulum-Based Earthquake Alarm System	FIRST PLACE Best Presenter
	Rica	F.	Fantinalgo				
	Lexyl Joy	P.	Fortez				
2	Aquiles Jr.	G.	Leonico	George Distura	Vivente Andaya, Sr. National High Schoool Dr. Marie Paz A. Almalbis	Flood Guardian System	SECOND PLACE
	Novilyn	S.	Javil				
	Cherish	C.	Badi				
3	Kent Joshua	B.	Aldaya	Noemi D. Denosta	Feliciano Yusay Consing National High School Ronilo P. Tu	Project SSS: Detecting Smoking Through Smart Smoke Sensor with Mobile Application	THIRD PLACE
	Samantha	B.	Dillera				
	Mark Kevin	C.	Orlanda				
4	Chloe	D.	Dumolong	Ainne D. Dordas, Mary Luz N. Delfin, EdD	Maayon National High School Lydia O. Distor (OIC)	Water Quality Assessment of Different Water Sources in the Municipality of Maayon and Water Enhancement Potential of Hibiscus rosa-sinensis and Clitoria ternatea Flower Extracts	FOURTH PLACE Best Paper
	Wella Aizelle	D.	Ureta				
	El John	D.	Magbanua				
5	Roland	P.	Besana	Kristine D. Baes, Rodelyn J. Denosta, Maria Fatima S. Bolido	Capiz National High School Charlie D. Begas	Water Lettuce (Pistia stratiotes): Unveiling Its Potential as a Green Electron Bio-Emitter for Next-Generation Energy Systems	FIFTH PLACE Best Poster Display
	Anndee Grace	D.	Dapiton				
	Yancie Caryl	B.	Juego				
6 and 7	Krishna Illysa Mae	L.	Castañeda	Lonie L. Baranda	Mambusao National High School Dr. Marie Liezel L. Diawara	"Blue Ternate (Clitoria Ternatea) Flower and Rheoo Discolor (Tradescantia Spathacea Leaves as pH Indicator"	6th and 7th Place
	Jef Raymund	L.	Ticar				
	Juin Ishbel	F.	Legarda				
6 and 7	Mia Janine	E.	Vega	Syvel D. de la Cruz	Dao National High School Dr. Julie G. Finlac	Biomass Pellets from Rice and Peanut Hull as an Alternative Fuel Source	6th and 7th Place
	Mary Joleah	A.	Diestro				
	Jerylle Faith	V.	Arbiz				

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LIFE SCIENCE (INDIVIDUAL CATEGORY)							
1	Brain Jaylord	B.	Catalan	Anne D. Dordas, Mary Luz N. Delfin, EdD	Maayon National High School Lydia O. Distor (OIC)	Evaluating the Antihyperglycemic Effect of Andrographis paniculata and Centella asiatica in High Sugar Fruits : Implications for Type 2 Diabetes Management	FIRST PLACE Best Presenter Best Poster Display
2	Alina Merced	S.	Soberano	Joan Z. Ilon, Kristine D. Baes, Maria Fatima S. Bolido	Capiz National High School Charlie D. Begas	Mangal Marvels: Investigating the Bioremediation Abilities of Soil Fungi in Palina Greenbelt EcoPark	SECOND PLACE Best Paper
3	Veejay Andrew	G.	San Felix	Germaine G. Garcia	Tapaz National High School Dr. Emmie Garbosa	Fermented Plant Juice from Kangkong (Ipomoea aquatica), Kulitis (Amaranthus spp) and Kulapo (Phaeophyceae) in the Production of Hydroponic Lettuce (Lactuca sativa)	THIRD PLACE
LIFE SCIENCE (TEAM CATEGORY)							
1	Jhade Nicole	B.	Villasis	Joan Z. Ilon, Jubeth D. Royo, Gilbert C. Galagate	Capiz National High School Charlie D. Begas	From Garden to Pond: Utilizing Purslane (Portulaca oleracea) Leaves to Enhance Fish Feed for Nile Tilapia	FIRST PLACE Best Presenter
	Gabriele Phylip	E.	Domingo				
	Arabella Eve	B.	Aleligay				
2	Justine		Calderon	Jolly B. Lago	Mambusao National High School Dr. Marie Liezel L. Diawara	"Synergetic Effect of Calcium Carbonate Rich Shells and Cocopeat on the Optimal Growth of Mung Beans (Vigna radiata L.) using Hydroponic Culure Technique"	SECOND PLACE Best Paper
	Lyka Nicole	F.	Villar				
	Rachel Valoree	M.	Mallnao				
3	Marylle Jean	B.	Bawisan	Irene L. Custodio	Marciano M. Patricio National High School Dr. Leowel P. Batuigas	"The Fungicidal Potential of Guava (Psidium guava) Leaves Extract Against Pytopathogenic Fungi"	THIRD PLACE
	Junel	V.	Dequito				
	Roell Rhaine	B.	Ponsaran				
4	Trisha Edsheal	D.	Dordas	Ainne D. Dordas, Mary Luz N. Delfin, EdD	Maayon National High School Lydia O. Distor (OIC)	"Potential Mosquitocidal Properties of Tinospora cordifolia, Capsicum frutescens, Zingiber officinale, and Cymbopogon citratus Extracts in Mosquito Larvae: A Step Towards Sustainable Misting Solutions for Dengue Vector Control"	FOURTH PLACE Best Poster Display
	Steven Kyle RJ	D.	Dordas				
	Nifia	D.	Butil				
5	Rufyn Rose	G.	Geloryao	Jan Fred I. Condino	Dumalag Central National High School Federico F. Fortit (OIC)	"Fermented Plant Juice from Kangkong (Ipomoea aquatica) and Cucumber (Cucumis sativus) as an Organic Fertilizer"	FIFTH PLACE
	Yannah Marie Lynne	F.	Male				
	Zam Davlen	L.	Yamog				

Rank	Researcher/s			Research Adviser/s	School / Principal	SIP Title	Awards
	First Name	MI	Last Name				
ROBOTICS & INTELLIGENT MACHINES (INDIVIDUAL CATEGORY)							
1	Audric Keane	D.	Besa	Joan Z. Ilon, Sharon Grace S. Mosquite, Jennifer D. Cortes	Capiz National High School Charlie D. Begas	"Revolutionizing Motorcycle Safety and Security: MotoGUARD's Dual Arduino- Based Anti-Theft and Crash Detection Technology"	FIRST PLACE Best Paper Best Presenter
2	Jilyn Mae	T.	Mariano	Carl A. Tumlos, Annele C. Demalata	Tuburan National High School Reynaldo Dorado (OIC)	"SMART DRIVER: Safety Monitoring and Autonomous Response Technology and Intelligent Vehicle Engagement Regulation "	SECOND PLACE
3	Lyzter Dennise	G.	Ureta	George Distura	Vivente Andaya, Sr. National High Schoool Dr. Marie Paz A. Almalbis	"IntelliAlert: Development of Arduino-based Smart Fire Detection System"	THIRD PLACE Best Poster Display
ROBOTICS & INTELLIGENT MACHINES (TEAM CATEGORY)							
1	Charisse Marynelle	F.	Lemoncito	Kristine D. Baes, Ellen Grace V. Daria, Eduardo L. Moises	Capiz National High School Charlie D. Begas	R.A.D.D.A.R. Unleashed: Transforming Disaster Preparedness with Real-Time Alert Technology	FIRST PLACE Best Paper Best Presenter
	Paul William	B.	Dacula				
	Rayza	M.	Hofileña				
2	Rhyze Loraine	B.	BADIANG	Odenna T. Siano	Casanayan National High School Dr. Aida Villanueva	PROJECT PUNLA: An Arduino Uno Controlled Multi-Purpose Seed Sower for Agriculture	SECOND PLACE
	yrus James	T.	FORTUNATO				
	Ryza Nicole	M.	BORBON				
3	Mich Develyn	G.	Esmao	Sharvie Jane L. Mentino	Mambusao NHS Dr. Marie Liezel L. Diawara	"SAFARI: Smoke and Flame Arduino-based Response for Immediate Fire Detection"	THIRD PLACE Best Poster Display
	Cris Adriene	L.	Bancolo				
	Renz	G.	Mansilla				
NATIONAL SCIENCE INNOVATION EXPO (INDIVIDUAL CATEGORY)							
1	Godwayne Myles	B.	Beluso	Kristine D. Baes, Maria Fatima S. Bolido Jingky Grace L. Amit	Capiz National High School Charlie D. Begas	AI-Driven Innovation: Enhancing Water Security through FlowGuard's Advanced AI Leak Detection and Real-Time Monitoring	FIRST PLACE Best Paper Best Presenter
2	Arian Rose	D.	Daniel	Honey Grace F. Luna, Nashrudin C. Roxas	Jose Diva Avelino Jr. National High School Gelyn B. Facto	EcoSense: Development and Acceptability of a Website for the Detection of Coastal Microplastics using Sentinel-2 Multi-Temporal Imagery	SECOND PLACE
3	Hanes	A.	Bullag	Noemi D. Denosta	Feliciano Yusay Consing National High School Ronilo P. Tu	AQUAPULSE: Enhancing Milkfish Aquaculture Through SMS-Based Water Quality Monitoring Management	THIRD PLACE Best Poster Display
NATIONAL SCIENCE INNOVATION EXPO (TEAM CATEGORY)							
1	Ellen Charice	V.	Arevalo	Eduardo L. Moises, Ronnel C. Bialen and Stephen John A. Baes	Capiz National High School Charlie D. Begas	Navigating with Confidence: The UltraSENSE Prototype-Ultrasonic Sensor-Embedded Eyewear for the Blind and Visually Impaired	FIRST PLACE Best Paper
	Elric Lambert	V.	Arevalo				
2	Rachelle Ann	L.	Sayago	Lonie L. Baranda	Mambusao National High School Dr. Marie Liezel L. Diawara	Automatic Pet Feeder using Arduino	SECOND PLACE Best Presenter
	Sarah Jane	L.	Launio				
	Justine Carl	M.	Lasala				
3	Richianne Nicole	B.	Ado	Noemi D. Denosta	Feliciano Yusay Consing National High School Ronilo P. Tu	Prototype Solar-Powered Water Pump With Sensor for Rice Field Irrigation	THIRD PLACE Best Poster Display
	Ramielle Grance	B.	Bermejo				
	Niño Rovic	M.	Antoni				

Rank	Researcher/s			Research Adviser/s	School / Principal	SIP Title	Awards
	First Name	MI	Last Name				
MATHEMATICS AND COMPUTATIONAL SCIENCE (INDIVIDUAL CATEGORY)							
1	Athena Vienne Nicole	L.	Lagon	Joycee A. Tajanlangit, Christian Dave A. Balasa	Capiz National High School Charlie D. Begas	Circumradius of N-gons: Unlocking the Geometry of Polygons with $N \geq 8$	FIRST PLACE Best Paper Best Presenter
2	Prince Diane	F.	Delgado	Ana Amor Española, Edgie Mae Bantes	Jose Diva Avelino Jr. National High School Gelyn B. Facto	A Tower of Rectangular Prisms	SECOND PLACE Best Poster Display
3	Faith Angel Louise		Alvarez	Norman F. De la Cruz	Dumalag Central National High School Federico F. Fortit (OIC)	The Math of the Mesh: Exploring Fishing Nets through Numbers	THIRD PLACE
MATHEMATICS AND COMPUTATIONAL SCIENCE (TEAM CATEGORY)							
1	Kent	F.	Villanueva	Althea Ruth D. Mendoza	Pontevedra National High School Dr. Myrthyl L. Coching	Think Like a Well CIRCLE-LATED MIND	FIRST PLACE Best Paper
	Joshua Ryan	A.	Batuampo				
	Nel Anthony	P.	Navarro				
2	KC	F	Falle	Norman F. De la Cruz	Dumalag Central National High School Federico F. Fortit (OIC)	Calculating the Distinctive Efficiency of Hexagonal Shelves	SECOND PLACE Best Presenter
	Erel Shine	D	Fruponga				
	Zyruh Daniel	L	Yamog				
3	Jaycob	F.	Reyes	Sharvie Jane L. Mentino	Mambusao National High School Dr. Marie Liezel L. Diawara	Navigating Heights: How Angle of Elevation and Depression Affect Drone Performance with Plastic Propellers	THIRD PLACE Best Poster Display
	Phloen Jane	L.	Canotal				
	Jrox	L.	Llanto				
4	Ashley	J	Bargo	Leoneame B. Gonzales	Feliciano Yusay Consing National High School Ronilo P. Tu	LUMILAYERS	FOURTH PLACE
	Jecyl Suzane	F	Benliro				
	Keisha Eunice	A	Soberano				
5	Joaquin Ezael	B.	Cabrillos	Joycee A. Tajanlangit, Christian Dave A. Balasa	Capiz National High School Charlie D. Begas	Meshing Around: Evaluating Polygonal Shapes for Remar- Cable, Durable, and Cost- Effective Metal Fencing Solutions	FIFTH PLACE
	Elyzza Wye	D.	Albao				
	Vince Andy	uran	Villasis				