



Republic of the Philippines  
**Department of Education**  
 REGION III  
 SCHOOLS DIVISION OFFICE OF ANGELES CITY

18 Nov 2024

**DIVISION MEMORANDUM**

No. 437, s. 2024

To: Division Superintendent  
 Chief Education Supervisors  
 Public Schools District Supervisors  
 Public and Private Secondary School Heads  
 All Others Concerned

**2024 DIVISION SCIENCE AND TECHNOLOGY FAIR (DSTF) WINNERS**

- This Office, through the Curriculum Implementation Division (CID), is pleased to announce the **WINNERS** in the concluded 2024 Division Science and Technology Fair (DSTF) held on November 15, 2024, at the STEM Center, Dr. Clemente N. Dayrit Elementary School.
- Listed below is the list of winners

Category	Award	Project Proponent/s	Project Title	Project Adviser	School
<b>TUKLAS</b>					
Life Science Individual	With Special Citation	Capitulo Rapha Ella M.	The Probiotic Activity of Lacticaselbacillus paracasel: Its Inhibition of Salmonella Typhimurium in HC+ 116 Cell Line	Elsie M. Paras	Francisco G. Nepomuceno Mem. High School
Life Science-Team	Best Research Regional Qualifier  Best Presenter (Team Category)	1. Javines Jenmar Muriel Lopez 2. Nagano Jehovain Santos 3. Takahashi Yuan Lee James	Utilization of Lablab purpureus Sweet Seeds as a Cheaper Alternative Culture Media	Raquel D. Yumul	Angeles City Science High School
	With Special Citation	1. Ronquillo Bob Ryan 2. Hernandez Rob Rois C.	The Antibacterial Activity of Green Hair Algae	Ellaine Corpuz	Angeles City National High School





Republic of the Philippines  
**Department of Education**  
 REGION III  
**SCHOOLS DIVISION OFFICE OF ANGELES CITY**

		3. Manansala Christine Jade L.	(Cladophora glomerata) Extracts Against S. Aureus (Staphylococcus Aureus)s		
Physical Science Individual	With Special Citation	Pineda Elijah Frances Flores	The Inhibition of Moss (Bryophyta) Using Sulfonated Melamine Formaldehyde and Cement in Bricks	Raquel D. Yumul	Angeles City Science High School
Physical Science Team	Best Research & Regional Qualifier	1. Ocampo, Brouel Rochester, Pamintuan 2. Marquez, Caleb Jon, Yap 3. Lansangan, Charlize Francesca, Sarmiento	Post Flood Soil Quality Assessment and Predictive Modelling of Agricultural Lands Using An Integrated Geographic Information System and Long Short Term Memory Recurrent Neural Networks	Lolita G. Bautista  Eric De Dios	Angeles City Science High School
RIM -Team	Best Research & Regional Qualifier	1. Sardeng, Matthew Alvarez 2. Enriquez, Jera Alliah Lagman 3. Santos, Paustine Margueret Alonzo	Deep Learning on MR Images for Brain Tumor: A Contemporaneo us Analysis Using Streamlit in Python with Integrated Convolutional Neural Network Classifier VGG19 and Calibrated U- Net Segmentation	Lolita G. Bautista  Arnie Guevara	Angeles City Science High School





Republic of the Philippines  
**Department of Education**  
 REGION III  
**SCHOOLS DIVISION OFFICE OF ANGELES CITY**

Mathematical and Computational Science- Individual	Best Research  Regional Qualifier  Best Presenter(Individual category)	Ramos, Althea Angeles	Integrating 3D Simulation and Predictive Mathematical Modelling of Air Quality Index Relative to Traffic Volume-to- Capacity Ratios via WRE-Chem and linear Regression	Lolita G. Bautista	Angeles City Science High School
Mathematical Science Computational- Team	Best Research and Regional Qualifier	1. Layug, Jean Tapnio 2. Claudio, Hanna Sophia Sales	Mathematical Modelling of Urban Heat Islands Indices of Pampanga Utilizing Scatterplot Matrices Analyses and Multiple Regression	Lolita G. Bautista	Angeles City Science High School
Innovation Expo- Team	With Special Citation	1. Macaspac Daniel F. 2. Marcello Michelle R. 3. San Miguel Chaps Einar C.	DALAN; Device Aims to Lead the Differently Abled in Navigating-The Use of Gloves and Vest as Guiding Tool	Ferdinand J. Soriano	Francisco G. Nepomuceno memorial High School

**SCIENCE-IN-ACTION**

Award	Name of Winners	Coach	School
1 <sup>st</sup>	1. Klyd G. Dela Cruz 2. Princess Nikka D. Pagting 3. Querr Dustin Mendoza 4. Arrain Casey L. Salonga	Rosita Miclat	Francisco G. Nepomuceno Memorial High School
2 <sup>nd</sup>	1. Lindsay Coleen C. Ruiz 2. Denise M. Balingit 3. Jared Dumlao 4. Hikari Yuri D. Bonifacio	Angela Joy R. Lozano	Sto. Domingo Integrated School
3 <sup>rd</sup>	1. Princess Jae Long 2. Kiel Christian Catacutan 3. Cathleen Jhoy T. Meneses 4. Renz Cyrelle C. Coronel	Llonora M. Janzen	Dr. Clemente N. Dayrit High School



Republic of the Philippines  
**Department of Education**  
REGION III  
**SCHOOLS DIVISION OFFICE OF ANGELES CITY**

4 <sup>th</sup>	1. Chris John C. Policarpio 2. John Lawrence C. Yambao 3. Anton Juarin C. Angat 4. Jhonel L. Pacheco	Nikkie Aquino	Northville 15 Integrated School
5 <sup>th</sup>	1. Jamara Jane Lansang 2. Misha Alexi T. Vega 3. Ashley Yohan Santiago 4. Amiel Jazz D. Alfonso	Jelita N. Salas	Angeles City National Trade School

- All Science Investigatory Project Regional qualifiers are reminded to submit the final manuscript (with required forms and research logbook) and soft copy (PDF file) on or before November 22, 2024, at the Division Office, Records Unit.
- Immediate and wide dissemination of this Memorandum is earnestly desired.

**ENGR. EDGARD C. DOMINGO, PhD, CESO V**  
Schools Division Superintendent

Encl: As stated

References: RM No. 683, s. 2024

School, Division, Regional, and National Science and Technology Fair Guidebook (unpublished)  
To be indicated in the Perpetual Index  
under the following subjects:

CONTEST  
SCIENCE  
LEARNERS  
SCIENCE AND TECHNOLOGY FAIRS  
GAE/SCIENCE/November 18, 2024