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DEPARTMENT OF EDUCATION
SCHOOLS DIVISION OF ANGELES CITY
RELEASED
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BY:

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

07 Nov 2024

DIVISION MEMORANDUM
No. 414, s. 2024

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

QUALIFIERS TO THE 2024 DIVISION SCIENCE AND TECHNOLOGY FAIR (DSTF)

1. This Office, through the Curriculum Implementation Division (CID), is pleased to announce the qualifiers for the 2024 Division Science and Technology Fair (DSTF) which will be held on November 15, 2024, at STEM Center, Dr. Clemente N. Dayrit Elementary School, Lourdes Sur East, Angeles City.

2. Listed below are the projects that successfully met the standards of the Division Scientific Review Committee, to wit:

CATEGORY	RESEARCH PROPONENT/S	PROJECT TITLE	PROJECT ADVISER	SCHOOL
Life Science Individual	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 Memorial High School
Life Science-Team	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
	1. Ronquillo Bob Ryan 2. Hernandez Rob Rois C.	The Antibacterial Activity of Green Hair Algae	Ellaine Corpuz	Angeles City National High School

	3. Manansala Christine Jade L.	(Cladophora glomerata) Extracts Against S. Aureus (Staphylococcus Aureus)s		
Physical Science Individual	Pineda Elijah Frances Flores	The Inhibition of Moss (Bryphyta) Using Sulfonated Melamine Formaldehyde and Cement in Bricks	Raquel D. Yumyl	Angeles City Science High School
Physical Science Team	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	Angeles City Science High School
RIM - Individual				
RIM -Team	1. Sardeng, Matthew Alvarez 2. Enriquez, Jera Alliah Lagman 3. Santos, Paustine Margueret Alonzo	Deep Learning on MR Images for Brain Tumor: A Contemporaneous Analysis Using Streamlit in Python with Integrated Convolutional Neural Network Classifier VGG19 and Calibrated U-Net Segmentation	Lolita G. Bautista	Angeles City Science High School
Mathematical and Computational Science-Individual	Ramos, Althea Angeles	Integrating 3D Simulation and Predictive Mathematical Modelling of Air Quality Index Relative to Traffic Volume-to-Capacity Ratios via WRE-Chem	Lolita G. Bautista	Angeles City Science High School

		and linear Regression		
Mathematical Science Computation-Team	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	1. Macaspac Daniel F. 2. Marcello Michelle R. 3. San Miguel Chaps Einar C.	DALA;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

3. All student-researchers/ finalists are reminded to bring a white shirt for the opening program and one formal wear for the oral defense and awarding ceremony.

4. 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:

SCIENCE AND TECHNOLOGY FAIRS
LEARNING AREA, SCIENCE
LEARNERS
CONTEST

GAE/SCIENCE/November 07, 2024