Republic of the Philippines
Department of Education
REGION IV-A CALABARZON
SCHOOLS DIVISION OF IMUS CITY

6 Oct 2026

DIVISION MEMORANDUM
No. 447, s. 2026

OFFICIAL RESULTS OF THE 2026 DIVISION SCIENCE AND TECHNOLOGY FAIR (DSTF)

To: OIC-Assistant Schools Division Superintendent
OIC-CID Chief Education Supervisor
SGOD Chief Education Supervisor
Education Program Supervisors
School Heads/OICs
All Others Concerned

1. Pursuant to Division Memorandum No. 356, s. 2026, this Office hereby releases the official results of the 2026 Division Science and Technology Fair held on September 26, 2026, at Imus National High School.

2. Enclosed is the list of winners in all events per category.

3. The first-place winners will represent the Division in the Regional Science and Technology Fair and will receive a research aid amounting to Php 5,000.00, which shall be released to their respective coaches.

4. The cliniquing activities will be done from September 29 to October 9, 2026 via asynchronous modality. The schedule and meeting link will be communicated to the school heads and winning coaches.

5. The expenses related to the conduct of the cliniquing activities and the provision of the research aid shall be charged against the Special Education Fund (SEF), subject to usual accounting and auditing rules.

6. For queries, all concerned may contact Ms. Rochelle S. Balete or Ms. Maria Luisa F. Candelaria, at (046) 419 8450 loc. 221.

7. For immediate dissemination and compliance.

Digitally signed by
Lito A. Palomar
Date: 2026.10.06
Time: 12:06:33 +08:00

LITO A. PALOMAR
Assistant Schools Division Superintendent
Officer-in-Charge
Office of the Schools Division Superintendent

Encl.: As stated
Reference: As stated
To be indicated in the Perpetual Index
under the following subject:

SCIENCE
CONTESTS

cid/rsb/09-28-2026

Enclosure No. 1 to Division Memorandum No. 447, s. 2026

2026 DIVISION SCIENCE AND TECHNOLOGY FAIR

OFFICIAL LIST OF WINNERS

A. TUKLAS

EVENT CATEGORY	TITLE OF RESEARCH	NAME OF LEARNER/S	COACH/ES	SCHOOL
LIFE SCIENCE (INDIVIDUAL)				
FIRST	DPPH Radical-Scavenging Activity And In Silico Characterization Of Santol (Sandoricum Koetjape) And Lanzones (Lansium Domesticum) Methanolic Leaf Extracts Using Mcf-7-Associated Breast Cancer Protein Targets	Dena Erin R. Roaring	Gladys F. Guirre	Gen. Juan Castaneda SHS
SECOND	Surface Topographical and Antimicrobial Characterization of Citric Acid-Crosslinked Corn Starch-Alginate Composite Hydrogel as a Potential Wound Dressing Scaffold	Ysabela Khaya D. Magleo	Floyd Robert M. Perez	General Emilio Aguinaldo NHS
LIFE SCIENCE (TEAM)				
FIRST	In Vivo Antiangiogenic Potential Of Kalingag (Cinnamomum Mercadoi) Bark Ethanolic	Clarisse Anne R. Ramirez Bea Ranzabelle C. Rayco	Erika Mae J. Villaceran	Gen. Juan Castaneda SHS

	Extract Via Chick Chorioallantoic Membrane (Cam) Assay	Jhadren Lark B. Dela Cruz		
SECOND	Nephrometrics: Effects Of Sambong (Blumea Balsamifera) And Lemongrass (Cymbopogon Citratus) Leaf Crude Extracts On Blood Uric Acid, Creatinine, And Urea Levels Of Diclofenac Sodium-Induced Albino Rats (Rattus Norvegicus)	Daniel P. Langrio Shanelle M. Serdan Jodie Kelsey P. Amoguis	Gladys F. Guirre	Gen. Juan Castaneda SHS
THIRD	Efficacy Of Green Synthesized Copper Oxide Nanocomposite Hydrogels Using Heartleaf Hempvine(Mikania Cordata) Extract Against The Golden Apple Snail (Pomacea Canaliculata)	Aria Maxhinne Jidrei A. Mozo Abigail T. Tagayong	Floyd Robert M. Perez	General Emilio Aguinaldo NHS
PHYSICAL SCIENCE (INDIVIDUAL)				
FIRST	Electrobanana: Potential Of Nitrogen-Doped Banana (Musa X Paradisiaca L.) Pseudostem-Derived Activated Carbon Integrated With Manganese Dioxide (N-Bpdac/Mno_2) As Hybrid Electrode	Dana Abygale J. Barba	Mark Philip A. Echon	Gen. Juan Castaneda SHS
SECOND	Synthesis And Characterization Of Rice Husk Ash And Metakaolin-Based Geopolymer Cement With Gypsum Powder For Fire Resistance And Radiation Attenuation Applications	Jewel Joy N. Nadal	Junior Emil S. Aquino	General Emilio Aguinaldo NHS
THIRD	Eco-Clean Biochar: The Bioadsorption Potential Of Carbonized Jackfruit (Artocarpus Heterophyllus) Peel In Reducing Surface Oil Residue	Fatima Aslam S. Mohammed	Sherwin L. Pedernal	Gov. Juanito Reyes Remulla SHS
PHYSICAL SCIENCE (TEAM)				
FIRST	Chac-Silica: Potential Of Coconut (Cocos Nucifera) Husk Derived-Activated Carbon Functionalized With Silica Gel (Sg-Chac) For	Angelle Rheanna D. Canlas Patricia Kelsey R. Cruzada	Mark Philip A. Echon	Gen. Juan Castaneda SHS

	Carbon Dioxide (Co2) And Sulfur Dioxide (So2) Gas Adsorption	Mischa Cassandra R. Peralta		
SECOND	Thermal Barrier and Intumescent Fire Retardant Mechanisms (IFR) of K- Carrageenan Powder Derived from Philippine Seaweed (Eucheuma cottonii) for Bio-Based Paint	Crizjan C. Tungala Filiana Cielo A. Magat	Marrie Kris C. Pisan	General Emilio Aguinaldo NHS
THIRD	Claycool: Thermal Reduction Efficiency And Mechanical Durability Of Calcined Guadalupe Volcanic Tuff Clay Composite Surface Coatings For Passive Building Cooling	Franklee M. Bañaria Karlos Gabriel M. Cabrera Alexander L. Del Rosario	Christine Joyce L. Lisay	Imus National High School
ROBOTICS AND INTELLIGENT MACHINES (INDIVIDUAL)				
FIRST	Hometwin: Development And Validation Of An Integrated Lidar-Slam And Yolov4 Digital Twin System For Appliance-Aware Household Energy Simulation And Electricity-Cost Estimation	CJ Bryce I. Mandrilla	Edgar A. Rivera	Gen. Juan Castaneda SHS
SECOND	Sagip: School Alert And Guardian Incident Platform For Offline Emergency Response Using Embedded Systems For General Emilio Aguinaldo National High School	Haide Shaine R. Magma	Wella Jane T. Basisto	General Emilio Aguinaldo NHS
ROBOTICS AND INTELLIGENT MACHINES (TEAM)				
FIRST	AutoMeDS: Automated Medicine Dispensing Machine — A Healthcare Kiosk System to Improve Medicine Access and Service Delivery in the Philippines	Gamaliel C. Layague, Jr. Kristiana Mikaela F. Adarlo Sianlee Chen T. Alzola	Rodrigo M. Boquiron Jr.	Gen. Flaviano Yengko SHS
SECOND	Development of an Edge-AI Automated Sorting System for Domestic Electronic Waste	Nyleirrehc Leon M. Bitauag Jerone Andrew P. Del Monte Kiefer Yohance V. San Juan	Marrie Kris C. Pisan	General Emilio Aguinaldo NHS

THIRD	SenCare: Senior Care for Cognitive Impairment (CI) through an Adaptive AI-Based Medicine Dispenser with Integrated IoT Application for Medication Management and Dynamic Schedule Adjustment	Paul Ivan Riel S. Nequinto Lourd Draven E. Salado	Wella Jane T. Basisto	General Emilio Aguinaldo NHS
MATHEMATICS AND COMPUTATIONAL SCIENCE (INDIVIDUAL)				
FIRST	Quantiscan: Quantifying The Stability Of Filtered Backprojection (Fbp) Under Low-Dose, Sparse-Angle Computed Tomography (Ct) On Shepp-Logan Phantoms With Embedded Lesion	Lance Daniel B. Espiritu	Jay Mar R. Macuha	Gen. Juan Castaneda SHS
SECOND	Image Classification And Cellular Automata-Based Simulation Of Coastal Erosion And Land Retreat In Ternate And Naic, Cavite Using Satellite Image Derived Grid Models	Niclaus Gerland N. Gonzales	Junior Emil S. Aquino	General Emilio Aguinaldo NHS
THIRD	Entrack-X (Entrepreneurial Tracking And Allocation Using Computations, Data, Graphs, And Expressions): A Digital Sales Monitoring Tool For Small Enterprises	Mary Vitalia Francine S. Celindro	Paulo J. Quimson	Gov. Juanito Reyes Remulla SHS
MATHEMATICS AND COMPUTATIONAL SCIENCE (TEAM)				
FIRST	Viroflux: Mapping The Antigenic Drift Trajectories Of Sars-Cov-2 Using Neural Ordinary Differential Equation (Node) Machine Learning Framework	Aeriel Colin L. Abad John Elijah Daniel D. Arnedo Elijah Angelo B. Yanzon	Gemma V. Mazo	Gen. Juan Castaneda SHS
SECOND	Shield: Development Of A Tabletop Identification System Using Decision Tree-Based Computational Risk Classification	Jahnesha B. Magallanes Chloe Reine P. Gallos Jirv Marcus Q. Morales	Junior Emil S. Aquino	General Emilio Aguinaldo NHS
THIRD	An Empirical Computational Investigation Of The Lemke Oliver–Soundararajan Anti-Repetition Bias In Consecutive Primes	Kyle Jacob C. Verdad Aisha C. Elero Mark Dexter S. Matundan	Antonio T. Prieto	Gen. Flaviano Yengko SHS

B. SCIENCE INNOVATION EXPO

EVENT CATEGORY	TITLE OF RESEARCH	NAME OF LEARNER/S	COACH/ES	SCHOOL
SCIENCE INNOVATION EXPO (INDIVIDUAL)				
FIRST	TSINELAS: Taking Steps to Improve Natural Equilibrium for Balanced Posture and Locomotion Assessment System	Micha Joannah Liz C. Durac	Justin Angelo P. Salazar	General Emilio Aguinaldo NHS
SECOND	Regain: Recovery Glove For Assisted Improvement Of Neuromuscular Function	Jacen Angelo D. Encina	Edgar A. Rivera	Gen. Juan Castaneda SHS
SCIENCE INNOVATION EXPO (TEAM)				
FIRST	Ligtas: An Esp32-Based Iot Smart Charging System With Automated Power Disconnect And Real-Time Lcd Battery Monitoring	Dave Marion C. Layba Kyle Vjien Gonzales Nahyyan Pandian	Edgar A. Rivera	Gen. Juan Castaneda SHS
SECOND	Icoblock: Integration Of Coconut Shell (Cocos Nucifera L.) Biochar In Concrete Hollow Blocks For Sustainable Philippine Housing	Princess Nicole L. Rodriguez Rihanna Hevn C. Lamoste Michelle Ivy L. Alcantara	Diane Marie Montenid	Gen. Juan Castaneda SHS
THIRD	Copramatic: Coconut (Cocos Nucifera) Dried Meat Scraper For Fast Copra Extraction	Eunice Hannah J. Fernandez Alysha Atasha T. Luchavez Ashley Nicole S. Tanalgo	Justin Angelo P. Salazar	General Emilio Aguinaldo NHS

C. SPECIAL AWARDS

EVENT CATEGORY	NAME OF LEARNER/S	COACH/ES	SCHOOL
Best Oral Presenter			
Life Science	Dena Erin R. Roaring	Gladys F. Guirre	Gen. Juan Castaneda SHS
Physical Science	Angelle Rheanna D. Canlas Patricia Kelsey R. Cruzada Mischa Cassandra R. Peralta	Mark Philip A. Echon	Gen. Juan Castaneda SHS
Mathematics and	Aeriel Colin L. Abad John Elijah Daniel D. Arnedo Elijah Angelo B. Yanzon	Gemma V. Mazo	Gen. Juan Castaneda SHS

Computational Science			
Robotics and Intelligent Machines	Gamaliel C. Layague, Jr. Kristiana Mikaela F. Adarlo Sianlee Chen T. Alzola	Rodrigo M. Boquiron Jr.	Gen. Flaviano Yengko SHS
Science Innovation Expo	Ronnie Brian III P. Palugan Lorraine Joyce V. Lanon Daniella Ysabel R. Sitchon	Justin Angelo P. Salazar	General Emilio Aguinaldo NHS
Best Poster Presentation			
Life Science	Clarisse Anne R. Ramirez Bea Ranzabelle C. Rayco Jhadren Lark B. Dela Cruz	Erika Mae J. Villaceran	Gen. Juan Castaneda SHS
Physical Science	Jewel Joy N. Nadal	Junior Emil S. Aquino	General Emilio Aguinaldo NHS
Mathematics and Computational Science	Aeriel Colin L. Abad John Elijah Daniel D. Arnedo Elijah Angelo B. Yanzon	Gemma V. Mazo	Gen. Juan Castaneda SHS
Robotics and Intelligent Machines	Alvez Gabriel D. Medrano Gabriel M. Aquino Mary Arteah S. Martinez	Edgar A. Rivera	Gen. Juan Castaneda SHS
Science Innovation Expo	James Rhyan F. Frebaldos Jamario Raphael T. Ramos Erica Nicole B. Redoble	Vincent B. Ribon	Gen. Flaviano Yengko SHS
Best Research			
Life Science	Clarisse Anne R. Ramirez Bea Ranzabelle C. Rayco Jhadren Lark B. Dela Cruz	Erika Mae J. Villaceran	Gen. Juan Castaneda SHS
Physical Science	Dana Abygale J. Barba	Mark Philip A. Echon	Gen. Juan Castaneda SHS
Mathematics and Computational Science	Lance Daniel B. Espiritu	Jay Mar R. Macuha	Gen. Juan Castaneda SHS

Robotics and Intelligent Machines	Gamaliel C. Layague, Jr. Kristiana Mikaela F. Adarlo Sianlee Chen T. Alzola	Rodrigo M. Boquiron Jr.	Gen. Flaviano Yengko SHS
Science Innovation Expo	Micha Joannah Liz C. Durac	Justin Angelo P. Salazar	General Emilio Aguinaldo NHS

BEST PERFORMING SCHOOLS

RANK	SCHOOL	SCHOOL HEAD
1	Gen. Juan Castaneda Senior High School	Ditas V. Flores
2	Gen. Emilio Aguinaldo National High School	Gina U. Reyes
3	Gen. Flaviano Yengko Senior High School	Roland J. Catapat