



Republic of the Philippines
Department of Education
Region II – Cagayan Valley
SCHOOLS DIVISION OF NUEVA VIZCAYA

28 January 2025

DIVISION BULLETIN
No. 01, s. 2025

RESULTS OF THE REGIONAL SCIENCE & TECHNOLOGY FAIR 2024

To: Assistant Schools Division Superintendent
Chief Education Supervisors
Education Program Supervisors
Public Schools District Supervisors/District In-charge
Private & Public Secondary/Elementary School Heads
All Others Concerned

1. The Schools Division Office of Nueva Vizcaya through the Curriculum Implementation Division announces the results of the Regional Science & Technology Fair 2024 held at Santiago City National High School on January 23-25, 2025.
2. Enclosed is the List of Awards received by the regional participants in the different contested activities.
3. Immediate dissemination of this memorandum is desired

ORLANDO B. MANUEL PhD, CESO V
Schools Division Superintendent



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LIST OF AWARDS IN THE 2024 REGIONAL SCIENCE & TECHNOLOGY FAIR
 January 23-25, 2025 @ Santiago City National High School

Category: **PHYSICAL SCIENCE (PS) (Team)**

Rank	Names of Winner	Research Title	School	Coach	District	School Head	PSDS
2 nd Place	Leony S. Carabbacan Jr., Michael Duane F. Buduan, Christen Jowell I. Nieves	HYDROFLAME: Solar-Powered Oxyhydrogen Stove for Sustainable, Eco-friendly Cooking	Bagabag NHS	Hazel C. Manzano	Bagabag I	Teresita M. Taboy	Mona Lisa A. Cabato PhD

Category: **ROBOTICS AND INTELLIGENT MACHINES (Individual)**

Rank	Names of Winner	Research Title	School	Coach	District	School Head	PSDS
2 nd Place	Vrienn Ezrah Karl Viernes	Smart Sprout: An Arduino Powered Automated Plant Watering System with Nutrient Checking and Real-time User.	NVGCHS	John Paul D. Purigay, Monico C. Veloso	Bayombong I	Merlita C. Padilla, PhD	Merlyn S. Abat, PhD
Best Display Board	James Jordan V. Bullecer	Evaluating the Effectiveness of Arduino UNO-based Robotic Autonomous System for Soil Moisture, Triggered Irrigation	Lamo NHS	Rosanna D. Roduta	Dupax Del Norte I	Jigger R. Manuel	Josie L. Conde, EdD

Category: **ROBOTICS AND INTELLIGENT MACHINES (Team)**

Rank	Names of Winner	Research Title	School	Coach	District	School Head	PSDS
2 nd Place	Brensen Kate D. Gacang, Jolyna A. Magapan, Roselyn Joy M. Montero	Development of Automatic Dry Waste Sorter System Using Proximity Sensor	Solano High School	Mary Grace L. Daguio	Solano II	Trinidad B. Logan, Phd	Cesarario C. Mariano, PhD



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Handwritten signature



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Category: **LIFE SCIENCE (LS) (Individual)**

Rank	Names of Winner	Research Title	School	Coach	District	School Head	PSDS
Best Display Board	Marielle M. Evangelista	Wound Healing Potential of Topical Ointment Derived from Mayana (Plectranthusscutellarioides) Leaf Extract and Its Antibacterial Effects Against Escherichia Oil	NVGCHS	Marizza C. Verzola, Olivar Reimos D. Barroga	Bayombong I	Merlita C. Padilla PhD	Merlyn S. Abat PhD

ON-THE-SPOT POSTER MAKING CONTEST – Elementary Level

Rank	Names of Winner	School	Coach	District	School Head	District SC	PSDS
2 nd Place	Loremy Sheryl U. Vadil	Bambang North CS	Jay arr R. Balatibat	Bambang II	Amherstine Boy B. Bata	Fe Butay	Edwrad M. Santiago

SCIENCE OLYMPICS – Elementary Level

Rank	Names of Winner	School	Coach	District	School Head	District SC	PSDS
4 th Place	Hanayah Joyce Danyde	Bayombong CS ISC	Gloria Ramos	Bayombong I	Rubilita Tallase	Rachel Buncad	Merlyn S. Abat EdD
	Sofia Ysabel Llera						
	Mark John Analingan						



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January 23-25, 2025 @ Santiago City National High School

Category: **MATHEMATICS COMPUTATIONAL SCIENCE- TEAM**

Rank	Names of Winner	Research Title	School	Coach	District	School Head	PSDS
4 th Place & Best Research Presenters	Jeevon L. Lopez, Moya Princess V. Seriosa, Trisha Ann V. Igonex	Immunization Data Mapping Using Geographic Information Systems (GIS) and the Childbirth Rate Models in the Philippines	Murong NHS	Deo P. Urbano	Bagabag 1	Georly R. Tugade	Mona Lisa A. Cabato

Category: **LIFE SCIENCE (LS) (Team)**

Rank	Names of Winner	Research Title	School	Coach	District	School Head	PSDS
Best Display Board	Claudine Kate Verdadero, Desiree Joyce Lacbayan, Emelie Estabillo	Investigating Soil pH Levels and their Impact on Pechay Growth	Murong NHS	Deo P. Urbano, Jullie N. Lacaden	Bagabag I	Rosie J. Calip Edd	Mobalisa A. Cabato Edd
4 th Place	Samantha Bea Diaresco, Hanna Rhian Canlas, Lian Ayani Ceril	Encapsulation of Microwave Assisted Biosynthesized Nanomaterial NY CHITOSAN-SODIUM TPP from KATKATIWIT for its Biological and Antioxidant Properties	Aritao NHS	Jenelyn D. Tablada, Jessica Gatchalian	Aritao I	Rodrigo Rosete	Arnel Batalla Edd

OVERALL RESULT – 4th RUNNER-UP BEST PERFORMING SDO



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