



Republic of the Philippines  
**Department of Education**  
REGION VII - CENTRAL VISAYAS  
DIVISION OF CITY SCHOOLS - TAGBILARAN CITY

**Office of the Schools Division  
Superintendent**

November 26, 2025

DIVISION MEMORANDUM  
No. 861 , s. 2025

**WINNERS OF THE REGIONAL SCIENCE AND TECHNOLOGY FAIR 2025**

To: All Public and Private Elementary School Heads  
All Public and Private Secondary School Heads  
All Others Concerned

1. This Office, through the Curriculum Implementation Division (CID), would like to congratulate the winners of the recently concluded Regional Science and Technology Fair 2025, held on November 6-7, 2025, at DepEd Ecotech Center, Sudlon Lahug, Cebu City.
2. Attached is the list of Winners on the Regional Science and Technology Fair (RSTF) 2025 per Regional Memorandum No. 1148, s. 2025.
3. Immediate and wide dissemination of this memorandum is desired.

**WILFREDA D. BONGALOS PhD, CESO V**  
Office of the Schools Division Superintendent

WDB/JAAL/CID/JTB/cmfc



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**Department of Education**  
REGION VII - CENTRAL VISAYAS

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11 NOV 2025

Office of the Regional Director

**REGIONAL MEMORANDUM**

11 NOV 2025

No. 1148, s. 2025

**WINNERS OF THE REGIONAL SCIENCE AND TECHNOLOGY FAIR 2025**

To: Schools Division Superintendents  
Assistant Schools Division Superintendents  
All Others Concerned

1. This Office, through the Curriculum and Learning Management Division (CLMD), proudly announces and congratulates the winners of the Regional Science and Technology Fair 2025, held on November 6-7, 2025, at DepEd Ecotech Center, Sudlon Lahug, Cebu City.
2. Heartfelt congratulations are also extended to all finalists, coaches, sponsors, judges, and Education Program Supervisors in Science and Mathematics for their invaluable support and contributions, which significantly contributed to the success of this event.
3. The first-place winners in all Tuklas (Research) Categories and the Science Innovation Expo will be endorsed to the DepEd Central Office for evaluation and screening in preparation for the National Science and Technology Fair 2026.
4. All first-place winners, along with their coaches and the Education Program Supervisors in Science and Mathematics, are advised to make necessary adjustments and enhancements to their research manuscripts based on feedback and instruction from the RSTF mentors and the panel of judges. These revised manuscripts should be submitted via a Google Drive link provided no later than November 25, 2025.
5. Additionally, all first-place winners will undergo extensive mentoring through the RO VII Program for Research Opportunity and Mentoring Potential Talents (PROMPT) to thoroughly prepare their research papers and teams for the NSTF 2026 screening and final competition.
6. For further inquiries, please contact Dr. Bryant C. Acar, R7 EPS in Science, at 09430166769 or via email at [bryant.acar@deped.gov.ph](mailto:bryant.acar@deped.gov.ph).
7. Immediate dissemination and strict compliance with this Memorandum are requested.

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 CURRICULUM AND LEARNING MANAGEMENT DIVISION  
 REGIONAL OFFICE - CEBU  
 ST. I/PYA/CLMD/EBE1/bca  
 DATE: 11/11/2025

**SALUSTIANO T. JIMENEZ JD, EdD, CESO III**  
Director IV  
Regional Director

Doña M. Gaisano St., Sudlon, Lahug, Cebu City  
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DepEd Tayo Region VII

[region7.deped.gov.ph](http://region7.deped.gov.ph)





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Enclosure

**WINNERS OF THE REGIONAL SCIENCE AND TECHNOLOGY FAIR (RSTF) 2025**

**1. TUKLAS - LIFE SCIENCE - INDIVIDUAL CATEGORY**

Rank	SDO	School	Name of Learner	Name of the Coach	Title of the Project
1	MANDAUE CITY 1	Mandaue City National Science High School	Antonia Carmen C. Pabalay	Racel S. Logarta	Neuroprotective Potential of Crude Ampalaya leaf ( <i>Momordica charantia</i> L.) Extract Against Manganese-Induced Parkinson's Disease Neurotoxicity in <i>Drosophila melanogaster</i> : In Silico Evaluation of Dopamine D2 Receptor and Sex Stratified in-vivo Analysis of Dopaminergic Recovery.
2	LAPU-LAPU CITY 1	STECH-SHS	Mondigo, Dineb Karlo T.,	RICHARD ARRIEGADO	Anti-afatoxic and Antimycotic Potential of Combined <i>Trichoderma harzianum</i> and Black Jack ( <i>Bidens pilosa</i> ) Leaf Aq. Extract Against <i>Aspergillus flavus</i> : in silico and in vitro Evaluation for Antifungal Action
3	BOHOL 1	Lourdes NHS	Christine Marie B. Ladra	Maria Cheryl Semana	Integrated IN VITRO, IN SILICO, and IN VIVO Evaluation of the Anti-Fungal activity of Chitosan Form Sea Urchin (Tripneustes Gratilla) against Mango Anthracnose caused by <i>Colletotrichum Gloeosporoides</i> .
4	CEBU PROVINCE 1	Bantayan Science High School	Mary Joyce D. Martus	Marinel A. Destacamento	ANTICONVULSANT ACTIVITY OF SILI ESPADA ( <i>Capisicum annuum</i> ) AGAINST CAMPHOR-INDUCED EPILEPTIC SEIZURE IN COMMON FRUIT FLY ( <i>Drosophila</i>



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5	CEBU PROVINCE 2	San Remigio National High School	Furnig C. Omandam	Mary Therese O. Masbate	melanogaster): AN IN VIVO AND IN SILICO ANALYSES
					In Silico Protein Validation and Structural Assessment of Cvir. Molecular Docking, ADMETox Profiling, Lethality Bioassay and Quorum Sensing Inhibition Potential of Hilo Grass (Paspalum conjugatum) Extracts
<b>SPECIAL AWARDS</b>					
Best in Research Poster	CEBU PROVINCE 1	Bantayan Science High School	Mary Joyce D. Martus	Marinel A. Destacamento	ANTICONVULSANT ACTIVITY OF SILI ESPADA (Capsicum annum) AGAINST CAMPHOR-INDUCED EPILEPTIC SEIZURE IN COMMON FRUIT FLY (Drosophila melanogaster): AN IN VIVO AND IN SILICO ANALYSES
Best in Research Presentation	MANDAUE CITY 1	Mandaue City National Science High School	Antonia Carmen C. Pabalay	Racel S. Logarta	Neuroprotective Potential of Crude Ampalaya leaf (Momordica charantia L.) Extract Against Manganese-Induced Parkinson's Disease Neurotoxicity in Drosophila melanogaster: In Silico Evaluation of Dopamine D2 Receptor and Sex Stratified in-vivo Analysis of Dopaminergic Recovery
<b>2. TUKLAS - LIFE SCIENCE - TEAM CATEGORY</b>					
<b>Rank</b>	<b>SDO</b>	<b>School</b>	<b>Name of Learners</b>	<b>Name of the Coach</b>	<b>Title of the Project</b>
1	MANDAUE CITY 1	Mandaue City Comprehensive National High School	Mark Lister P. Lofranco Precious Ed I. Pangandoyon	Krey Ann J. Pobadora	In Silico Affinity Prediction and In Vitro Evaluation of the Anticoccidial Activity of the Methanolic Extracts from the Invasive Alien



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2	CEBU CITY 1	Cebu City National Science High School	Uinel Brice D. Aguilan Euan Audra D. Baguio Matheldantelle Rappa J. Oliva	Amor V. Cagay	Plant Species Mile-a Minute ( <i>Mikania micrantha</i> ) as a Sustainable One Health Approach Against <i>Eimeria tenella</i> in Broiler Chickens ( <i>Gallus gallus domesticus</i> ) In silico and In vitro Evaluation of Fungistatic and Fungicidal Activity of Bioactive Distillates of <i>Mana</i> ( <i>Cinnamomum mindanaense</i> Elm.) Bark and Leaves Against <i>Aspergillus niger</i> & <i>Rhizopus oryzae</i>
3	LAPU-LAPU CITY 1	STEC-SHS	Formento, Shirmai Glyza T. Hugo, Nathan Brent B. Zamora, Mig Anishi C	Richard Arriescado	In silico and in vitro Evaluation of <i>Ehretia microphylla</i> Lam. as a Vancomycin Resistance-Modifying Agent against Methicillin-Resistant <i>Staphylococcus aureus</i>
4	CEBU PROVINCE 1	Bantayan Science High School	Angel Mae D. Horrelano Andrea Lyn L. Santillan Jazmyn V. Sevileno	Marinel A. Desracamento	NEUROPROTECTIVE POTENTIAL OF TAWA-TAWA ( <i>Euphorbia hirta</i> ) LEAF ETHANOLIC EXTRACT AGAINST PARKINSON'S DISEASE-LIKE PATHOLOGY IN ADULT COMMON FRUIT FLY ( <i>Drosophila melanogaster</i> ): AN IN SILICO, IN VITRO, AND IN VIVO INVESTIGATION
5	MANDAUE CITY 2	Tabok National High School	Ma. Jenish C. Galvez Aryosh Khataara L. Lequiz	Erlinda A. Parba	Transgenerational Effects of Copper (Cu) Contamination in Water on the Reproductive Capacity of Takyong Snails ( <i>Helicostyia daphnis</i> )



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**SPECIAL AWARDS**

Best In Research Poster	CEBU PROVINCE I	Bantayan Science High School	Angel Mae D. Horrelano Andrea Lynn L. Santillan Jazmyrn V. Sevileno	Marinel A. Destacamento	NEUROPROTECTIVE POTENTIAL OF TAWA-TAWA (Euphorbia hirta) LEAF ETHANOLIC EXTRACT AGAINST PARKINSON'S DISEASE-LIKE PATHOLOGY IN ADULT COMMON FRUIT FLY (Drosophila melanogaster): AN IN SILICO, IN VITRO, AND IN VIVO INVESTIGATION
Best in Research Presentation	CEBU CITY I	Cebu City National Science High School	Uriel Aguilan Audra Baguio Rapha Oliva	Amor Cagay	In silico and In vitro Evaluation of Fungistatic and Fungicidal Activity of Bioactive Distillates of Mania Bark and Leaves Against Aspergillus niger & Rhizopus oryzae

**3. TUKLAS - PHYSICAL SCIENCE - INDIVIDUAL CATEGORY**

<b>RANK</b>	<b>SDO</b>	<b>School</b>	<b>Name of Learner</b>	<b>Name of the Coach</b>	<b>Title of the Project</b>
1	MANDAUE CITY I	Mandaue City Science National High School	Quinn Iderf B. Quinanaola	Noelyn Marie P. Navarro	Optimization of Saccharification and Fermentation Conditions for Maximum Bioethanol Yield from Ribbon Sea Lettuce ( <i>Ulva reticulata</i> )
2	TOLEDO CITY I	Toledo City Science High School	Precious Zoe B. Tan	Virgie Lee E. Deligero	CHARGE CS-TENG: Coconut Shell-Based Harvesting for the Alternative Renewable Generation of Electricity through Contact Separation Triboelectric Nanogenerators



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3	LAPU-LAPU CITY 2	STEC JHS	Mhecaela Denise A. Booc	Mark Dan Lyster G. Fiel	Optimization of Soil-Based Microbial Fuel Cell: Utilizing Sargassum - Derived Sodium Alginate Biomass a Renewable Substrate
4	MANDAUE CITY 2	Mandaue City Comprehensive National High School	Ryle Magale	Johnrey L. Povadora	Low-Cost Colorimetric Detection of Fe <sup>3+</sup> in Aqueous Media using Green-Synthesized Silver Nanoparticles (AgNPs) derived from Citrus microcarpa Peel Aqueous Extract
5	LAPU-LAPU CITY 1	Marigondon NHS	Clarice Joanne A. Toring	Nonah Mae Espina	Phytosorbent Potential of Annona muricata (Guyabano) Leaf Biomass for Lead (Pb <sup>2+</sup> ) Removal in Different Aqueous Systems

**SPECIAL AWARDS**

Best in Research Poster	MANDAUE CITY 1	Mandaue City Science National High School	Quinn Iderf B. Quinanaola	Noelyn Marie P. Navarro	Optimization of Saccharification and Fermentation Conditions for Maximum Bioethanol Yield from Ribbon Sea Lettuce ( <i>Ulva reticulata</i> )
Best in Research Presentation	TOLEDO CITY 1	Toledo City Science High School	Precious Zoe B. Tan	Virgie Lee E. Deligero	CHARGE CS-TENG: Coconut Shell-Based Harvesting for the Alternative Renewable Generation of Electricity through Contact Separation Triboelectric Nanogenerators

**4. TUKLAS - PHYSICAL SCIENCE - TEAM CATEGORY**

Rank	SDO	School	Name of Learners	Name of the Coach	Title of the Project
1	MANDAUE CITY 1	Mandaue City Science National High School	Joben Niño H. Ballyot Kriziaela T. Miyayabas Jermil C. Rama	Mary Grace P. Orria	Synthesis, Characterization, and Application of Rust-Derived Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles Coated with Whiteleg Shrimp



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2	MANDAUE CITY 2	Mandaue City Comprehensive National High School	Jehoram C. Tabaco Jade Wyeth R. Qules Steven Laurence A. Soria	Mirja Marie A. Tiongzon	(Penaeus vannamei) Shell Waste-Derived Chitosan for Efficient Removal of Oceanic Microplastics and Heavy Metals
3	LAPU-LAPU CITY 1	STEC SHS	Christian J. Galleteo Jannah Pauline Jimenez Milshane Rulianne Tura	ALMA VIDA GODA	LEADway: Nanoclay- Optimized Cogon Grass (Imperata Cylindrica) Biochar for Lead (Pb) Adsorption in Contaminated Water
4	TAGBILARAN CITY 1	Tagbilaran City Science High School	Lloyd Aaron B. Adapar, Christian Dominic S. Dacera, Jace Maverick H. Dalmao	Flordynel Polo	REMOVAL OF CU (II) IONS BY CARBON QUANTUM DOTS SYNTHESIZED FROM CHICKEN (Gallus gallus domesticus) FEATHERS
5	TOLEDO CITY 1	Toledo City Science High School	Shanese D. Binatalayo, Mheykabelah Therese A. Paisano Monica Mariane Sabate	Virgie Lee E. Deligero	CHB-SiE: Corn Husk Biochar as Solar Absorber in Solar Interfacial Evaporation for Seawater Desalination
<b>Special Awards</b>					
Best in Research Poster	MANDAUE CITY 1	Mandaue City Science National High School	Joben Niño H. Balyot Krizinela T. Mirayabas Jernil C. Rama	Mary Grace P. Orcia	Synthesis, Characterization, and Application of Rust-Derived Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles Coated with Whiteleg Shrimp



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Best in Research Presentation	MANDAUE CITY 1	Mandaue City Science National High School	Joben Niño H. Balyot Kriziaela T. Mirayabas Jermil C. Rama	Mary Grace P. Orcia	Synthesis, Characterization, and Application of Rust-Derived Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles Coated with Whiteleg Shrimp (Penaeus vannamei) Shell Waste-Derived Chitosan for Efficient Removal of Oceanic Microplastics and Heavy Metals
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**5. TUKLAS - ROBOTICS & INTELLIGENT MACHINES - INDIVIDUAL CATEGORY**

Rank	SDO	School	Name of Learner	Name of the Coach	Title of the Project
1	LAPU-LAPU CITY 1	STEC SHS	CARY JOHN B. VELEZ	CHRISTIAN NEHEMIAH SATURE	DiabeTrom: Early Detection of Diabetes using Technological Retinal Optical Network
2	CITY OF BOGO 1	City of Bogo Senior High School	Vince Jay C. Antigua	Norris A. Bregente	S.P.R.O.U.T: Sustainable Production through Renewable Optimization and Unified Technology – An AI-Driven Smart Greenhouse Utilizing Rule-Based Adaptive Control for Dynamic Threshold Management
3	MANDAUE CITY 2	Mandaue City Science National High School	Erron Philip C. Manatad	Pamela S. Perez	Development of a Mask R-CNN Aerial Intelligence System for Disease and Pest Detection Based on Phenotypic Traits of



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4	CEBU CITY 1	Cebu City National Science High School	Alyssa Monique A. Tolentino	Ariel T. Coronel	Grafted Trinitario Cacao Pods ( <i>Theobroma cacao</i> )
5	MANDAUE CITY 1	Mandaue City Comprehensive National High School	Denzyl L. Flores	Noreen Carmel L. Maranga	Development and Assessment of HYDRONEX: A Hydro-Automated Mobile Robot for Yield-Driven and Efficient Soil-Moisture Irrigation "PISCES: Powered Intelligent System for Calling, Exploration, and Scanning — An AI-Powered Water Drone for Fish Attraction, Locating, and Recognition using You Only Look Once (YOLOv11 and Deep Simple Online and Realtime Tracking (DeepSORT))"
<b>Special Awards</b>					
Best in Research Poster	MANDAUE CITY 2	Mandaue City Science National High School	Erton Philip C. Manatad	Pamela S. Perez	Development of a Mask R-CNN Aerial Intelligence System for Disease and Pest Detection Based on Phenotypic Traits of Grafted Trinitario Cacao Pods ( <i>Theobroma cacao</i> )
Best in Research Presentation	CEBU CITY 1	Cebu City National Science High School	Alyssa Monique A. Tolentino	Ariel T. Coronel	Development and Assessment of HYDRONEX: A Hydro-Automated Mobile Robot for Yield-Driven and Efficient Soil-Moisture Irrigation



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**6. TUKLAS - ROBOTICS & INTELLIGENT MACHINES - TEAM CATEGORY**

Rank	SDO	School	Name of Learners	Name of the Coach	Title of the Project
1	MANDAUE CITY 2	Mandaue City Comprehensive National High School	Mhonalisa T. Geralde Kerl Jann P. Soñagan Mary Judel R. Mabanag	Marife S. Apas	PANGIL: Predictive Analysis of Neural-based Guided Identification of Oral Lesions as Biological Indicators Linked to Gastrointestinal Diseases
2	CEBU PROVINCE 1	Bantayan Science High School	Gale Marie N. Dela Peña Jacob E. Kaguilala Jose Melvin Jr. O. Tolo	Jessan D. Moradas	SCOUT: An IoT-based Semi-Autonomous Rover for Post-Flood Assessment of Soil Fertility and Crop Health Leveraging Computer Vision and Data Fusion for Georeferenced Filled Mapping
3	MANDAUE CITY 1	Mandaue City Science National High School	Trixie Anne F. Lapaña Bernard Chris A. Salvador Dan Louis Q. Alagon	Francis Jay L. Enclonar	Early Detection of Turmeric Anthracnose (Colletotrichum capsici) using a Smart Rover System with Deep Learning Image Analysis and Integrated Soil-Sensor Data
4	CEBU CITY 1	Cebu City National Science High School	Warren Matthew Jude Thadeo S. Del Rosario A'en Marco S. Enriquez France Jacob B. Escopete	Melchizedeck Rudinas	Cloacator: Smart Self-Cleaning Sewage Grate with IoT Integration
5	CITY OF BOGO 1	City of Bogo Senior High School	Shen Pearl G. Olway Scott David Serafin Trecsie Ross Yanan	Renz Letrell Lepon	ALAGA: An IoT- Based Corn Planting And Pest Assessment Platform Utilizing Image-Based Pest Detection for Precision Agriculture



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<b>Special Awards</b>						
Best in Research Poster	MANDAUE CITY 2	Mandaue City Comprehensive National High School	Mhonalisa T. Geralde Keri Jann P. Sañagan Mary Judel R. Mahanag	Marife S. Apas	PANGIL: Predictive Analysis of Neural-based Guided Identification of Oral Lesions as Biological Indicators Linked to Gastrointestinal Diseases	
Best in Research Presentation	CEBU PROVINCE 1	Bantayan Science High School	Gale Marie N. Dela Peña Jacob E. Kaguilala Jose Melvin Jr. O. Tolo	Jessan D. Moradas	SCOUT: An IoT-based Semi-Autonomous Rover for Post-Flood Assessment of Soil Fertility and Crop Health Leveraging Computer Vision and Data Fusion for Georeferenced Filled Mapping	

**7. TUKLAS - MATH & COMPUTATIONAL SCIENCE - INDIVIDUAL CATEGORY**

<b>Rank</b>	<b>SDO</b>	<b>School</b>	<b>Name of Learner</b>	<b>Name of the Coach</b>	<b>Title of the Project</b>
1	CARCAR CITY 1	GELACIO C. BARBAO MEMORIAL NATIONAL HIGH SCHOOL	MARC VINCENT DEL CAMPO	LYNDRIAN SHALOMB. BACLAYON	CheXCA:CHEST X-RAY MULTI-LABEL CLASSIFICATION AND ADAPTIVE MODEL using CovNext Base Model with Graph Attention. Imbalance Mitigation and In-loop Calibration
2	LAPU-LAPU CITY 2	STEC SHS	David Cris G. Abendan	June Myth M. Montalvo	Deep Convolutional Neural Networks for Early Detection of Downy Mildew in Corn ( <i>Zea Mays</i> )
3	BOHOL 2	Lourdes NHS	Kimberly Nicole C. Clerigo	Mary Novelyn C. Bagares	Integrated Soils Scanning and Mathematical Modeling of Nitrate Transport in Porous



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						Media Using Modified Laplace Homotopy Perturbation Method
4	CITY OF BOGO 1	Libertad NHS	Jerico C. Tuayon	Engr. Rommel A. Tio		UWAN: Unified Weather-based Artificial Networks to Predict Rainfall Probability through Mathematical Modelling
5	BOHOL 1	Ubay National Science HS	Krishna June C. Ayag	Daryl T. Parredes		GrowWise: A Data-based Application for Predicting Optimal Fertilization, Transplanting, and Harvest Times of Rice*
<b>Special Awards</b>						
Best in Research Poster	CARCAR CITY 1	GELACIO C. BABAO MEMORIAL NATIONAL HIGH SCHOOL	MARC VINCENT DEL CAMPO	LYNDRIAN SHALOMB. BACLAYON		CHEXCA:CHEST X-RAY MULTI-LABEL CLASSIFICATION AND ADAPTIVE MODEL using CovNext Base Model with Graph Attention. Imbalance Mitigation and In-loop Calibration
Best in Research Presentation	LAPU-LAPU CITY 2	STEC SHS	David Cris G. Apendan	June Myrth M. Montecito		Deep Convolutional Neural Networks for Early Detection of Downy Mildew in Corn ( <i>Zea Mays</i> )
<b>8. TUKLIAS - MATH &amp; COMPUTATIONAL SCIENCE - TEAM CATEGORY</b>						
<b>Rank</b>	<b>SDO</b>	<b>School</b>	<b>Name of Learners</b>	<b>Name of the Coach</b>	<b>Title of the Project</b>	
1	CEBU PROVINCE 2	Bantayan Science High School	Janus Gabriel D. Destacamento Charles Noah B. Kinatadkan	Christopher Rae B. Gigantana	SAFE-Route (Smoke and Fire – Evaluated Routing Algorithm): A Proof-of-Concept for Real-Time Structural Fire Mathematical Evacuation Model Using a 3D Fire Dynamics	



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			Trisha Mariel Y. Sarmiento		Simulator (FDS) and Dynamic Dijkstra's Approach
2	CARCAR CITY 2	GELACIO C. BABAO MEMORIAL NHS	FRANCEN JANE GARCES CATHERINE MAE TANE0 JHON ZEDRIC DUMUGHO	ROZALIE GONZAGA	AURAS: AI BASED UNIFIED RECEPTOR ASSESSMENT IN BREAST CANCER USING P-OV-GICAPATH and LongVIT with CONTRASTIVE AND CONSISTENCY LOSSES
3	CEBU CITY 1	Cebu City National Science High School	Miguel Antonio N. Cabaero Vynz Grenill D. Oba-Ob Carmelli B. Ybanez	Iza Mari Victoria F. Lechido	Project C.I.P.H.E.R.: Cube-Inspired Processing for High Encryption Resilience
4	CEBU PROVINCE 1	Minglanilla Science High School	Jennica T. Lagusan Clint Ian M. Lasola Lexime Darah M. Tarega	Lyle S. Tolico	AQUAMAP: Advanced Quantum Geographic Information System Analysis and Mapping of Water Shortage Susceptibility in Minglanilla, Cebu
5	LAPU-LAPU CITY 1	STEC SHS	Borong, Jane Ella Dominique G. Looson, Lean Randolph C. Nunez, Jess Lister T.	Jane Myrh M. Montearlo	Eyecurrate: Convolution Neural Network-Based Model for Diabetic Retinopathy Early Detection
<b>Special Awards</b>					
Best in Research Poster	BOHOL 1	Candijay MHS	Venz Kiefer C. Namoco Kaitlyn Claire C. Tan Julia Angelique G. Virudaso	Via Marie Joy P. Corpuz	Safe3: Susceptibility Assessment for Flood Evaluation in 3 <sup>rd</sup> District of Bohol Using Geospatial Mapping



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Best in Research Presentation	CEBU CITY 1	Cebu City National Science High School	Miguel Antonio N. Cabaero Yvynz Griencill D. Oba-Ob Carmelli B. Ybanez	Iza Mari Victoria F. Lechido	Project C.I.P.H.E.R.: Cube-Inspired Processing for High Encryption Resilience
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**9. SCIENCE INNOVATION EXPO – INDIVIDUAL CATEGORY**

Rank	SDO	School	Name of Learner	Name of the Coach	Title of the Project
1	MANDAUE CITY 1	Cabancalan National High School	Alliah-Marie D. Oplado	Rachel Anne P. Balbuena	ITAGU CHAIR: INNOVATIVE TRIANGULAR ANTI-GUHO UNIT
2	CARCAR CITY 1	OCANA NATIONAL HIGH SCHOOL	LUKE ADRIEL LABIS	MIAN PATALINGHUG	Ec-Oil Wood Guard: REPOPUSING USED COOKING OIL AS BIO – BASED WOOD PRESERVATIVE
3	LAPU-LAPU CITY 2	STEC-SHS	Rodney John B. Capalardo	Kenn A. Arsolon	I-Pot: Sustainable Plant Pots from Biomass Waste
4	CEBU PROVINCE 1	Minglanilla Science High School	Jonathan Gend Demetrio	Janne Ericson P. De Jesus	MahogaPower: Engineering Binder-Free Carbon Battery Using Mahogany (Swietenia mahagoni) Leaves
5	CEBU PROVINCE 2	Madridejos National High School	Allynel Angel J. Batancla	Pearl Marie S. Becos	WASLICONMIX: Waste Soda-Lime Glass as Partial Replacement for Sand in Concrete Mixture
<b>Special Awards</b>					
Best in Research Poster	LAPU-LAPU CITY 2	STEC-SHS	Rodney John B. Capalardo	Kenn A. Arsolon	I-Pot: Sustainable Plant Pots from Biomass Waste



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Best in Research Presentation	LAPU-LAPU CITY 2	STEC-SHS	Rodney John B. Capalardo	Kenn A. Arsolon	I-Pot: Sustainable Plant Pots from Biomass Waste
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**10. SCIENCE INNOVATION EXPO - TEAM CATEGORY**

<b>Rank</b>	<b>SDO</b>	<b>School</b>	<b>Name of Learners</b>	<b>Name of the Coach</b>	<b>Title of the Project</b>
1	BOHOL 2	Sandingan NHS	Joyce Ann M. Descallar Nina R. Magallen Dave Anthony Bastasa	Jennifer Paggo	Ready Bag: A Sustainable Flotation Emergency Pack with Integrated Water Purification Feature and Paracord Support System
2	CITY OF NAGA 2	Naga NHS-Senior High School	Luisse Vincent V. Abrao Sahnie L. Saliente Jheshelle C. Villarta	Hannah Mae M. Aller	UTILIZING SABA BANANA (Musa acuminata x balbisiana) PEELS FOR EDIBLE AND SOLUBLE DRINKING STRAWS
3	CEBU PROVINCE 1	Moalboal National High School	Andrea Jade Z. Zabala Raphael Ryan Sencil Jhyrus Dave Gabato	Quennie Grace B. Sabanal	GUSTARO: INNOVATIVE BIODEGRADABLE STRAWS FROM SEAWEED GUSO (Eucheuma cottonii) AND TARO (Colocasia esculenta) STARCH
4	TOLEDO CITY 1	Toledo National Vocational School	Baritua, Rood Croissant B. Capangpangan, Angel S. Prajes, Ivy Janet T.	Theresa C. Avila	COPPER SHEET AS A COMPONENT IN DEVELOPING AN ELECTRIC-POWERED 2in1 DEVICE HOT AND COLD COMPRESS



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5	LAPU-LAPU CITY 1	BABAG SHS	Sydney C. Biatingo Zyra C. Hubernadas Risha Kishlyn A. Nim	Anna Lourdes L. Delos Santos	Checkpoint: Development of a Student Monitoring App for Parent Awareness
<b>Special Awards</b>					
Best in Research Poster	CITY OF NAGA 2	Naga NHS-Senior High School	Luisse Vincent V. Abrao Sahnie L. Saliente Jheshelle C. Villarta	Hannah Mae M. Aller	UTILIZING SABA BANANA (Musa acuminata x balbisiana) PEELS FOR EDIBLE AND SOLUBLE DRINKING STRAWS
Best in Research Presentation	TOLEDO CITY 1	Toledo National Vocational School	Baritua, Roed Croissant B. Capangpangan, Angel S. Prajes, Ivy Janet T.	Theresa C. Avila	COPPER SHEET AS A COMPONENT IN DEVELOPING AN ELECTRIC-POWERED 2n1 DEVICE HOT AND COLD COMPRESS
<b>1.1. SIBOL - SCIENCE INVESTIGATORY PROJECT (ELEMENTARY CATEGORY)</b>					
<b>Rank</b>	<b>SDO</b>	<b>School</b>	<b>Name of Learner</b>	<b>Name of the Coach</b>	<b>Title of the Project</b>
1	BOHOL 1	Talibon CES	Rubert Gregourie C. Langamen Reanne Gabrielle M. Metica Amber A. Edmond	Simone Raphael Orville O. Villanueva	Assessment of Rice Hulls (Oryza sativa) and Coconut Husks (Cocos nucifera) as Eco-friendly Partial Replacements for Sand in the Production of Low-cost and Sustainable Concrete Hollow Blocks
2	LAPU-LAPU CITY 1	STEC	Edric Chase M. Luardo Anneca Marie M. Jumola Xheever Dzyn P. Vilo	Michael James P. Mosqueda	Plant-Based Greywater Filtration: An Eco-Friendly Approach to Wastewater Recycling



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3	CEBU CITY 1	Lahug Elementary School	Kate Marie E. Aragon Ellain D. Manliguez Veyron Ford P. Vecilla	Analyn B. Uy	"Reinventing Paper Sustainability: The Role of Saluyot (Cochorus oltorius) Fibers and Mango (Mangifera indica) Peel "
4	CEBU CITY 2	City Central School	Francim Aricsz B. Jakosalem Christa Jane G. Mandado Kelsey Kate Y. Obedencio	Kiven Dave Zaspas	Turning Trash to Carry: Optimizing Paper Bag Strength by Utilizing Waste Papers, Used Textiles, and Musa (Banana leaves)
5	LAPU-LAPU CITY 2	Soong ES	Zia Franchezka Marie T. Abellar Honey Grace H. Tuanda Ayeisha Bayoc	Loth A. Absin	PROJECT AGACO: AUTOMATIC GARBAGE COLLECTOR AS AN ALTERNATIVE CLEANING EQUIPMENT FOR COLLECTING FLOATING PLASTIC WASTE FROM FLOODWATERS
<b>Special Awards</b>					
Best in Research Poster	MANDAUE CITY 1	Tabok Elementary School II	Kana R. Watanabe Bryann Eli M. Daclan Luke Arvin L. Tamayo	Arnel L. Honculada	Physico-Chemical Characterization of GGOL (Garlic, Ginger, Okra Mucilage and Lactic Acid Bacteria Serum) and Its Effect on Oxidation, pH, and Moisture Content
Best in Research Presentation	BOHOL I	Talibon CES	Rubert Gregourie C. Langamen Reanne Gabrielle M. Metica Amber A. Edmond	Simone Raphael Villanueva	Development of Sustainable, Low-Cost Alternatives for Concrete Hollow Blocks Using Rice Husks& Coconut Husks



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**12. SIYENSIKULA (SCIENCE CREATIVE VIDEO) - STUDENT CATEGORY**

Rank	SDO	School	Name of Learner	Name of the Coach	Title of the Project
1	CEBU CITY 2	Pardo National High School	Lila L. Mirzakhanlu	Jessa Mochielo A. Gorres	The Magic of Science: Mitosis
2	TAGBILARAN CITY 2	Tagbilaran City Science High School	Arianne Mara T. San Juan	Jesmar Joseph Magdugo	Process of Mitosis
3	CITY OF NAGA 1	Uling NHS	Johan Axel M. Erminado	Shahani D. Dublin	Exploring Heat Transfer
4	LAPU-LAPU CITY 1	Marigondon National High School	Raiza Lynn Requierme	Brayan M. Igot	Waves Carry Energy
5	CARCAR CITY 1	CARCAR CENTRAL NATIONAL HS	Margaux Vinz L. Base	Vanda Rema A. Emnace	Forces at Work: Balance or Chaos

**13. DIGITURO (SCIENCE CREATIVE VIDEO) - ELEMENTARY TEACHER CATEGORY**

Rank	SDO	School	Name of Teacher	Title of the Project
1	CEBU PROVINCE 2	Buanoy Central School	Carina L. Blanco	Interactions Among Organisms in the Environment
2	TOLEDO CITY 1	South City Central School	Gladys Narsico	"The Heart"



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3	CITY OF NAGA 1	City of Naga Center for Science, Technology, Culture and Arts	Jaehan E. Alinsonorin	DIETS OF THE WILD: Herbivores, Carnivores and Omnivores
4	MANDAUE CITY 1	Canduman Elementary School	Jhane C. Pedroza	How Living Things depend on one another and on the Environment to meet their basic needs?
5	CARCAR CITY 1	OCANA ELEMENTARY SCHOOL	DHARLENE MAE GENECOBIS	POWER 4: THE SUPREME SENSES OF SCIENCE

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