



Republic of the Philippines  
**Department of Education**  
**REGION XI**  
**SCHOOLS DIVISION OF DIGOS CITY**

OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT

**DIVISION MEMORANDUM**

CID-2026-116

To : Assistant Schools Division Superintendent  
CID & SGOD Chiefs  
Concerned Public Schools District Supervisors  
Concerned Education Program Supervisors  
Concerned Public School Heads (Secondary)  
All Others Concerned

Subject : **INFORMATION DESSIMINATION ON PARTICIPATION OF SELECTED OBSERVERS IN THE NATIONAL SCIENCE AND TECHNOLOGY FAIR**

Date : March 9, 2026

Pursuant to Regional Memorandum CLMD-2026-067 re: "Participation to the National Science and Technology Fair (NSTF) for School Year 2025–2026," this Office hereby disseminates information regarding the participation of qualified student-researchers and selected observers in the National Science and Technology Fair (NSTF) to be held on March 10–13, 2026 in the National Capital Region (NCR).

Relevant details, including the objectives and activity guidelines, are contained in the enclosures of the Regional Memorandum for guidance and reference.

For information and dissemination.

**MELANIE P. ESTACIO, PhD, CESO VI**  
Schools Division Superintendent

Enclosed: As stated.  
CID/ifs

DepEd Schools Division of Digos City  
RECORDS SECTION  
**RELEASED**  
DATE: 11 MAR 2026 TIME: 1:21 PM  
BY: [Signature]

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Republic of the Philippines  
**Department of Education**  
DAVAO REGION



February 16, 2025

REGIONAL MEMORANDUM  
CLMD-2026-067

**PARTICIPATION TO NATIONAL SCIENCE AND TECHNOLOGY FAIR  
(NSTF) FOR SCHOOL YEAR 2025-2026**

To: Schools Division Superintendents  
Davao City, Davao del Sur, Davao de Oro,  
Island Garden City of Samal, and Tagum City  
Chief Education Supervisor, CLMD

1. Pursuant to DepEd Memorandum No. 006, s. 2026 titled "National Science and Technology Fair for School Year 2025-2026" and the Memorandum from the Office of the Undersecretary for Learning Systems dated February 3, 2026, to be held on March 10-13, 2026 (exclusive of travel time) in the National Capital Region (NCR), this Office informs the participation of qualified student-researchers and other official participants as specified in the enclosure.
2. The objectives of this participation are to:
  - a. Promote excellence in STEM research and innovation by strengthening learners' competencies in Science, Technology, Engineering, and Mathematics through research projects that address relevant local, national, and global concerns.
  - b. Provide a national platform for research presentations and collaboration where learners can showcase their research outputs, exchange ideas, and engage with experts, educators, and fellow young innovators.
  - c. Cultivate a culture of scientific inquiry and innovation by fostering creativity, critical thinking, problem-solving skills, and adherence to ethical research standards aligned with national and international benchmarks.
3. Details of the activity are in the enclosures.
4. Transportation, and other incidental expenses incurred by participants in the NSTF, including the preparation, shall be charged against local funds or other sources of funds, while board and lodging shall be charged against Basic Education Funds, all subject to the usual accounting and auditing rules and regulations.
5. Immediate dissemination of this Memorandum to the concerned is desired.

DEPARTMENT OF EDUCATION ROX  
RECORDS SECTION  
**RELEASED**

By: [Signature] Date: Feb. 23, 2026

Time: \_\_\_\_\_

**ALLAN G. FARNAZO**  
Director IV  
[Signature]

Encl.: As stated  
ROC2/mlib



Republic of the Philippines  
**Department of Education**  
DAVAO REGION

Enclosure: Participation to National Science and Technology Fair (NSTF) for School Year 2025-2026

A. List of Student- Researcher Qualifiers

No.	Name	Category	School	Division
1	Gared Arthur S. Tribunalo	Life Science Individual (LS-I)	Daniel R. Aguinaldo National High School	Davao City
2.	Bern Joven E. Bontilao	Life Science Team (LS-T)	Davao City National High School	Davao City
3.	Adam Khaize R. Hamcho			
4.	Mauver John Sarif L. Adlawan			
5.	Kristel Grace R. Raganas	Physical Science Team (PS-T)	New Bataan National High School	Davao de Oro
6.	Theresa Fatima A. Mandin			
7.	Maria Krischel J. Quiban	Robotics and Intelligent Machines Individual (RIM-I)	Nieves Villarica National High School	Island Garden City of Samal
8.	Richmond Dave B. Cano	Robotics and Intelligent Machines Team (RIM-T)	Sta. Cruz National High School	Davao del Sur
9.	Paolo D. Arriego			
10.	Ethan James S. Magalona			
11.	Rolando L. Napuecas, Jr.	Mathematics and Computational Science Individual (MCS - I)	Sta. Cruz National High School	Davao del Sur
12.	Ricky M. Rodrigo Jr.	Mathematics and Computational Science Team (MCS - T)	Tagum City National High School	Tagum City
13.	Precious Angel D. Soriano			
14.	Raine Gabrielle Nocete			
15.	Ambriel Maye P. Josol		Atty. Orlando S.	Davao de Oro



Republic of the Philippines  
**Department of Education**  
DAVAO REGION

17.	Ken S. Suelto	(STEMIE – T)	National High School	
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B. List of Other Official Delegates

No.	Name	Designation	Station/ School	Division
1.	Mary Jeanne B. Aldeguer, EdD	Chief Education Supervisor	Region XI Office	CLMD
2.	Maria Liza I. Berandoy, EdD	Education Program Supervisor (Science)	Region XI Office	CLMD
3.	Herminia A. Bantiding, PhD.	Education Program Supervisor (Math)	Region XI Office	CLMD
4.	Marcy Ann M. Espiritu	Coach	Tagum City National High School	Tagum City
5.	Sherwin S. Fortugaliza	Coach	Davao City National High School	Davao City
6.	Rygin March N. Ibale	Coach	New Bataan National High School	Davao de Oro
7.	Sairia Faith A. Cadiz	Coach	Sta. Cruz National High School	Davao del Sur

ROC2/mib



Address: F. Torres St., Davao City (8000)  
Telephone Nos.: (082) 291-0051  
Email Address: region11@deped.gov.ph  
Website: www.depedroxi.ph





Republic of the Philippines  
**Department of Education**

FEB 10 2026

DepEd MEMORANDUM  
No. **006**, s. 2026

**NATIONAL SCIENCE AND TECHNOLOGY FAIR FOR SCHOOL YEAR 2025-2026**

To: Undersecretaries  
Assistant Secretaries  
Minister, Basic Higher and Technical Education, BARMM  
Bureau and Service Directors  
Regional Directors  
Schools Division Superintendents  
Public and Private Secondary School Heads  
Attached Agencies  
All Others Concerned

1. The Department of Education (DepEd), pursuant to DepEd Order (DO) No. 010, s. 2024 titled Policy Guidelines on the Implementation of the MATATAG Curriculum, recognizes the National Science and Technology Fair (NSTF) as part of its co-curricular programs. The NSTF serves as a platform for showcasing scientific inquiry and innovative thinking. Aligned with the Department's vision of enabling students to realize their full potential, the activity continues to empower learners through meaningful engagement in science and technology. This year, the NSTF invites students to explore a wide range of research in sustainability, environmental innovation, public health, and digital breakthroughs. Guided by the theme, *Harnessing the Unknown: Powering the Future Through Science and Innovation*, the event underscores the role of research in addressing today's most pressing challenges and their implications for the future. It encourages youth to envision bold, research-driven solutions to build a resilient, equitable, and thriving future for all.
2. DepEd announces the conduct of the NSTF for the school year 2025-2026, scheduled from **March 10 to 13, 2026** (exclusive of travel time), in the National Capital Region. Delegates are expected to arrive at the venue on March 10, 2026. The first meal will be the AM snack on **March 10, 2026**, and the last meal will be lunch on **March 13, 2026**.
3. Official endorsement of the participants, including the finalists and other delegates, signed by the regional director (RD), is required to be presented during registration.
4. The NSTF aims to
  - a. develop and strengthen the Science, Technology, Engineering, and Mathematics (STEM) skills of learners through the conduct of research projects that address local, national, and/or global issues, concerns, and problems;

- b. provide an avenue for high school learners to communicate research findings and showcase their investigations and innovations to the STEM community and the public;
  - c. foster a culture of creativity and innovation among the youth;
  - d. promote STEM awareness and interest of the learners, teachers, and the public;
  - e. provide an opportunity to establish research networks and collaborations among students, teachers, researchers, entrepreneurs, scientists, higher education and research institutions, government agencies/units, industries, and communities; and
  - f. identify the most creative and innovative student researchers who shall be the recipients of various awards, as well as the members of the Philippine team who shall participate in international STEM research and innovation fairs.
5. The NSTF shall include the following activities. Likewise, the STF from school to the regional level shall conduct similar activities in preparation for NSTF:
- a. **Tuklas** - a STEM research competition with four categories: (1) Life Science, (2) Physical Science, (3) Robotics and Intelligent Machines, and (4) Mathematics and Computational Science—that provides junior and senior high school learners opportunities to showcase their research projects based on their field of interest and/or real-world problems, issues and concerns.
  - b. **STEM Innovation Expo** - a STEM Innovation competition that aims to recognize the most creative and market-viable project addressing major issues in food safety, water conservation, renewable energy, cyber security, road safety, health, disaster mitigation, agriculture, and environment.
  - c. **STEM Academy** - a conference designed to provide the participants with learning opportunities and experiences through various talks promoting innovation, creativity, and excellence in the fields of STEM.
  - d. **Agham Bayanihan** - a public community exhibition of the partners in STEM Research and Innovation showcasing their latest innovative products, technologies, and services offered to the different sectors of the community.
  - e. **On-the-Spot Poster Making Contest** - a two-hour competition that empowers learners to express their ideas visually and engage with real-world problems. This contest encourages critical thinking, creativity, and innovation.
  - f. **Regional Shoutout** - a short public expression of greeting, celebration, and acknowledgment by each region for their NSTF participants during the actual event after their 30-second video presentation.

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6. The official participants of the NSTF shall be limited to the **Rank 1 Regional Winners** in each individual and team category, as approved by the National Screening Review Committee (SRC).
7. Each region may send a maximum of 27 official delegates to the NSTF. This delegation includes up to 20 student participants, comprising one individual and one team of three members for each of the five competition categories: Life Science, Physical Science, Robotics and Intelligent Machines, Mathematics and Computational Science, and STEM Innovation Expo. In addition, up to seven official participants may join (with a maximum of two allowable observers and one adult companion for every four learners). These may include the RD, assistant RD, chief education program supervisor, regional education program supervisor for Science or Mathematics, division Mathematics/Science supervisors, and research advisers. Please note that slots allocated to disqualified entries shall not be reassigned.
8. **All schools**, including those under the Philippine Science High School System, are invited to participate in the Division Science and Technology Fair (DSTF) to qualify for the Regional Science and Technology Fair (RSTF) and the NSTF.
9. A maximum of a two-minute video explainer of the research project shall be submitted together with the soft copy of the manuscript of the official entry before the conduct of the National Scientific Review Committee Meeting on the date to be announced in a separate issuance.
10. Focal persons, division Mathematics and Science supervisors under the Curriculum Implementation division, and regional Mathematics and Science supervisors under the Curriculum and Learning Management division shall lead the conduct of the STF at the school, division, and regional levels, respectively. Expenses incurred during the STF, from the school to the regional level, shall be charged to local funds, subject to the usual accounting and auditing rules and standards.
11. Compliance with DO 9, s. 2005, Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith, and DO 003, s. 2023, An Order Allowing the Conduct of In-Person Activities in School, shall be observed at all times.
12. The following enclosures shall guide the regional offices, schools division offices, and schools in implementing and organizing STF:

Enclosure No. 1	Guidelines on the National Science and Technology Fair
Enclosure No. 2	Schematic Diagram of the Flow of STF Activities
Enclosure No. 3	<i>Tuklas</i> Research Paper Format
Enclosure No. 4	<i>Tuklas</i> Project Poster Display Format and Safety Guidelines Sample Abstracts
Enclosure No. 5	STEM Innovation Expo Paper Format
Enclosure No. 6	Checkpoints for SRC Review
Enclosure No. 7	Learners Media Release Consent Form
Enclosure No. 8	Non-Disclosure Agreement Form
Enclosure No. 9	Report of the Conduct of the STF List of Forms and Documents Required for Submission in all Levels of Competition
Enclosure No. 10	Official List of Participants Template

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Enclosure No. 11	Project Labeling and Coding
Enclosure No. 12	Board of Judges Terms and Conditions Form
Enclosure No. 13	Scientific Review Committee Terms and Conditions Form
Enclosure No. 14	Review and Recommendation Report
Enclosure No. 15	Project Evaluation Form
Enclosure No. 16	Board of Judges Individual Score Sheet
Enclosure No. 17	Board of Judges Consolidated Score Sheet
Enclosure No. 18	STEM Innovation Expo Evaluation Form
Enclosure No. 19	Project Poster Display Evaluation Form
Enclosure No. 20	On-the-Spot Poster Making Contest Evaluation Form
Enclosure No. 21	Calendar of Important STF Activities and Requirements

13. The Regional Math and Science Supervisors are requested to submit to the Bureau of Curriculum Development the complete reports on the conduct of the RSTF using the format provided in **Enclosures Nos. 9 and 11** on or before March 9, 2026, through the email address [nstf@deped.gov.ph](mailto:nstf@deped.gov.ph). Failure to submit the complete report on time shall **disqualify** the region from participating in the National Fair.

14. The winners in all contest categories shall be determined based on the sum of rankings given by all three members of the Board of Judges (BOJ), in accordance with the criteria outlined in **Enclosures Nos. 15, 18, and 19**. The participant or team with the lowest total ranking across the three judges will be declared the winner. In the event of a tie, the BOJ assigned to the category shall deliberate to break it. Moreover, the BOJ's decision is final and irrevocable upon announcement.

15. Travel and incidental expenses incurred by participants or official delegates from each region shall be charged to local funds or other available sources. Meanwhile, all expenses of DepEd Central Office (CO) personnel related to the conduct of the NSTF, including board and lodging of the national technical working group (NTWG), official guests and participants, materials, transportation and communication relative to the activities, prizes and cash awards, and honoraria for the BOJ, and external as well as non-DepEd resource persons, shall be charged to the basic education curriculum funds, subject to the usual accounting and auditing rules and regulations.

16. Funds shall be downloaded to the host region or division to cover the cost of the following:

- a. Board and lodging of NTWG, BOJs, and official delegates;
- b. Support fund for travel expenses of NTWG and BOJs;
- c. Meals of official delegates, NTWG, BOJs, and guests;
- d. Rental of venues and equipment;
- e. Service vehicles for NTWG and guests;
- f. Payment for utilities;
- g. Supplies and materials;
- h. Tokens, medals, plaques, cash prizes, and certificates; and contingency and other related expenses incurred in the conduct of the NSTF.

17. A Statement of Expenditures by the host division or region audited by the local Commission on Audit and noted by the RD shall be submitted to the Chief of Accounting Division of the DepEd CO a month after the activity is conducted.

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18. For queries and concerns, please contact the **Bureau of Curriculum Development** via email at [bcd.od@deped.gov.ph](mailto:bcd.od@deped.gov.ph), and copy furnish Mr. Jios Ver D. Temporal, NSTF Focal person, through email [nstf@deped.gov.ph](mailto:nstf@deped.gov.ph).

19. Immediate dissemination of this Memorandum is desired.

By Authority of the Secretary:

  
**CARMELA C. ORACION**

Assistant Secretary  
Officer-in-Charge

Office of the Undersecretary for Learning Systems

Encls.:  
As stated



References:

DepEd Order (No. 010, s. 2024; 003, s. 2023; and 9, s. 2005)  
DepEd Memorandum No. 016, s. 2025

To be indicated in the Perpetual Index  
under the following subjects:

BASIC EDUCATION  
BUREAUS AND OFFICES  
CELEBRATIONS AND FESTIVALS  
CONTESTS  
LEARNERS  
LEARNING AREA, SCIENCE  
PROGRAMS  
SCHOOLS

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Republic of the Philippines

Department of Education

OFFICE OF THE UNDERSECRETARY FOR LEARNING SYSTEMS

MEMORANDUM

DM-OULS-2026-049

TO :

ALLAN G. FARNAZO

Regional Director

DepEd Region XI

RECORDED SECTION  
RECEIVED

By: \_\_\_\_\_

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11 FEB 2026

Time: \_\_\_\_\_

8:23

ATTN: REGIONAL SCIENCE AND MATH SUPERVISORS

FROM :

*Carmela C. Oracion*

CARMELA C. ORACION

Assistant Secretary

Officer-in-Charge

Office of the Undersecretary for Learning Systems

SUBJECT :

FINALISTS OF THE NATIONAL SCIENCE AND TECHNOLOGY FAIR S.Y. 2025 - 2026

DATE :

February 3, 2026

The Department of Education, through the Bureau of Curriculum Development (BCD), congratulates the finalists of the **National Science and Technology Fair (NSTF) S.Y. 2025 - 2026** from the regions. Listed in Table 1 are the projects that successfully met the standards of the National Scientific Review Committee.

Table 1: NSTF Finalists

REGION XI				
Category	Research Title	School	Proponent/s	Adviser
1. Life Science - Individual	NEUROVIVE: Establishing <i>Tenebrio molitor</i> as a Novel Invertebrate Model with Dual Therapeutic and Diagnostic Functionality for TBI via Neurobiological-Structural Modulation and Autologous Delivery of Submicronized Ferulic Acid	Daniel R. Aguinaldo National High School	Gared Arthur S. Tribunalo	Regie P. Rodrigo
2. Life Science - Team	CHROMIS: Optimizing Codelivery of Sea Grapes (Caulerpa	Davao City National	1. Bern Joven E. Bontilao	Sherwin S. Fortugaliza



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Republic of the Philippines

**Department of Education**

OFFICE OF THE UNDERSECRETARY FOR LEARNING SYSTEMS

	racemosa) Ethanolic Extract in Novel ZIF-8 Metal-Organic Framework-Infused, Liposome-Encapsulated, Rice Husk ( <i>Oryza sativa</i> L.) Ash-Derived Silica Nanocapsules with 3D-In Silico and In Vivo Analyses for Enhanced Cytotoxicity and Selective MSI-H Human Colorectal Carcinoma Drug Delivery	High School	2. Adam Khaize R. Hamcho 3. Mauver John Sarif L. Adlawan	
3. Physical Science Team	Physicochemical Characterization and Oil Spill Remediation Efficiency Assessment of OleoSorb-UCO: A Biodegradable Oleophilic Absorbent Gel Synthesized from Valorized Used Palm Oil and Validated through ASTM F716 Swell Testing and SMEWW/EPA 1664 Oil and Grease Quantification thru Gravimetric Analysis	New Bataan National High School	1. Kristal Grace R. Raganas 2. Theresa Fatima A. Mandin	Rygin March N. Ibale
4. Robotics and Intelligent Machines – Individual	Reef-Scan: An Underwater Robotic Vision System For Sea Urchin Detection and Distribution Analysis	Nieves Villarica National High School	Maria Krischel J. Quiban	Jennifer E. Rivera
5. Robotics and Intelligent Machines – Team	PhytoScan: An AI-Driven Solar-powered IoT Framework for Intelligent Plant Condition Detection	Sta. Cruz National High School	1. Richmond Dave B. Cano 2. Paolo D. Arriesgado 3. Ethan James S. Magalona	Sairia Faith A. Cadiz
6. Mathematics and Computatio	In Silico Novel Drug Discovery of Glycyrrhiza glabra-	Sta. Cruz National	Rolando L. Napuecas, Jr	Shamile Josephine A. Arriesgado



Republic of the Philippines

**Department of Education**

OFFICE OF THE UNDERSECRETARY FOR LEARNING SYSTEMS

nal Science - Individual	Derived Bioactive Compounds Targeting Rabies Virus N-Protein (PDB ID: 2GTT) via Molecular Docking and ADMET Profiling	High School		
7. Mathematics and Computational Science - Team	Sheaf Dx: Sheaf Cohomology-Driven Framework Integrating Cohomological Inconsistency Index and Optimal Transport on Cohomology-Regularized Graph Neural Networks for Early Colorectal Cancer Detection from Gut Microbiome Networks	Tagum City National High School	1. Ricky M. Rodrigo Jr. 2. Precious Angel D. Soriano 3. Raine Gabrielle Nocete	Marcy Ann M. Espiritu
8. STEM Innovation Expo - Team	Energiaverde: Innovating Sustainable Nanostructural Coalescence of Phenolic-Enhanced Electrode and Electrolyte Components derived from Coconut Shell Activated Carbon, Chitosan-Cornstarch Biopolymers, Lignin-Based Carbon Quantum Dots, and Polyvinyl Alcohol Matrices with Dual Electrolyte-Biopolymer Crosslinking for High-Energy-Density Supercapacitor Technology	Atty. Orlando S. Rimando National High School	1. Ambriel Maye P. Josol 2. Josh Ezek E. Fernandez 3. Ken S. Suelto	Lhester Jay V. Salao

The official number of delegates in your region is shown in Table 2.



Republic of the Philippines

## Department of Education

OFFICE OF THE UNDERSECRETARY FOR LEARNING SYSTEMS

Table 2: Regional Delegates

	Number of Official Delegates
Regional Director/Assistant Regional Director/ Chief Education Program Supervisor (CLMD/CID)/ Regional Science EPS/ Regional/ Mathematics EPS/ Adult Observers	7
Student-researchers	17
Total Number of Official Delegates	24

The official finalists in each category must bring the following during the conduct of the NSTF:

- A regional shirt for the opening program and formal wear for the project presentation and judging, and awarding ceremony;
- A display board following the exhibit format; and
- Endorsement letter signed by the Regional Director.

Additionally, a link to an online drive will be sent to the Regional Science EPS, where the official research entries, regional shoutout videos and the 2x2 photos of the student-researchers shall be uploaded following these filename formats:

**For Shoutout:**

**Region Shoutout**

(e.g. Region1\_Shoutout)

**For 2x2 Pictures:**

**Region\_Category code\_Researcher's Surname\_First name\_Middle initial**

(e.g. Region1\_PSI\_Delacruz\_Juan\_J)

Travel expenses of the official delegates shall be charged against local funds, subject to the usual accounting and auditing rules and regulations.

Immediate dissemination of the information is highly directed.