



Republic of the Philippines
Department of Education
 CARAGA REGION

February 24, 2026

REGIONAL MEMORANDUM
 CLMD – 2026 – 0179

To: Schools Division Superintendents) Division of Agusan del Norte
) Division of Agusan del Sur
) Division of Siargao
) Division of Surigao City
) Division of Surigao del Sur

All Others Concerned

ANNOUNCEMENT OF FINALISTS AND CONDUCT OF REGIONAL PREPARATION
 SESSIONS FOR DEPED CARAGA FINALIST-RESEARCHERS TO THE
 NATIONAL SCIENCE AND TECHNOLOGY FAIR (NSTF) 2026

1. The Office is pleased to announce the successful finalists who will represent the region at the **National Science and Technology Fair (NSTF) 2026** on March 10-13, 2026 (exclusive of travel time) at the National Capital Region per DM No. 006, s. 2026 and DM-OULS-2026-053.
2. The following student-researchers and their respective research titles have qualified for the national level competition:

Category	Research Title	School	Proponent/s	Adviser/s
Life Science-Individual	Synthesis of Nano-Hydroxyapatite from <i>Sardenilla lemuru</i> (Tamban) Fish Bones for Dental Composite Fillings, Brine shrimp Bio-assay, and Anti-Bacterial Activity Against <i>Staphylococcus epidermidis</i>	Magallanes National high School	Jamhiella Lien C. Payas	Angelina C. Auguis

Category	Research Title	School	Proponent/s	Adviser/s
Robotics and Intelligent Machines- Individual	Theia: A Smart Assistive Device Using Computer Vision Navigation System, Braille-to-text-to-Speech Technology, Object Recognition, and GPS Location Tracking for Visual Support	Agusan del Sur National High School	Johannes B. Geolina	Kim E. Masendo Antoniette B. Geolina Iries Jane M. concha-Calumbay
Robotics and Intelligent Machines- Team	MAIA-SCOPE: Deep Learning Convolutional Neural Network Microscope Add-on Device for Rapid Multi-Pathogen Identification With Integrated Disease Information System and Real-Edge Computing Deployment	Agusan del Sur National High School	Kean Psalm B. Escorial Roland Edou T. Apresto Matt Ivan C. Sto. Domingo	Kim E. Masendo Antoniette B. Geolina Iries Jane M. concha-Calumbay
Mathematical and Computational Science- Individual	Optimizing Flow Rate and Minimizing Que Length on Signalized Intersections in Surigao City	Caraga Regional Science High School	Lance Andre E. Enerio	Claire Angelie G. Osorio

Category	Research Title	School	Proponent/s	Adviser/s
Mathematical and Computational Science-Team	Bayesian Repolarized Feedwork Neural Network (BRFNN)-Based Forecasting of Production, Consumption and Prices of Key Agricultural Commodities in Caraga Region and the Philippines : Implications of food Security	Tagbina National High School	Mary Janelle B. Baluca Samantha Joie A. Serrano Maurein Ghyle C. Vertudazo	Ryan Paul M. Vales Shiela Mae L. Taotao
STEM Innovation Expo-Team	Smart Coastal Tool: Tidal and Wave-heigh Measuring Device with SMS Alerts of Real-Time Information Using Orange Pi 3b	Siargao National High Science High School	Dale Arwin M. Abel Jan Aubrey D. Trazares Delbert T. Untalan Jr.	Suzette Ann M. Mantilla Sundae Carmel S. Basubas

3. In preparation for the national competition, the Curriculum and Learning Management Division will conduct Critiquing Sessions for the Research Papers, posters and over-all presentation of NSTF Finalists on **March 2-6, 2026** at **NEAP Hall, DepEd Caraga**. These sessions aim to enhance the scientific soundness, technical accuracy, and overall quality of the finalists' research outputs.

4. The critiquing activities will be facilitated by invited **expert clinicians** from various scientific and academic institutions who will provide technical guidance, recommendations, and refinement strategies for the improvement of each research entry. The detailed schedule is found in Enclosure 1.

5. Participants are advised to bring e-copies of their research papers, original NSTF Forms, Abstract, data logbook, laptops, chargers, extension wires, and portable wi-fi connection.
6. Science supervisors, school heads, teachers and research advisers of the concerned finalists are enjoined to extend full support to ensure their active participation in the critiquing sessions.
7. School heads of teacher participants are directed to assign relieving teachers to ensure that classes are not disrupted, while appropriate academic modifications shall be done for the student-researchers to cope up with the required learning competencies.
8. Travel expenses and accommodation of the researchers and identified coaches shall be charged against local funds while the meals for five days, venue rental, supplies, travel expenses, accommodation, honorarium of the invited expert clinicians and other incidental expenses are chargeable against DepEd Caraga MOOE subject to the usual government accounting and auditing rules and regulations.
9. For more information, contact the Curriculum and Learning Management Division through Maria Ruth R. Edradan via email maria.edradan@deped.gov.ph or viber 09098402679.
10. For immediate dissemination.

MARIA INES C. ASUNCION

Director IV
Regional Director

CLMD/mrre
02/16/2026



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Enclosure 1 to RM No. 0179 , s. 2026

**REGIONAL PREPARATION SESSIONS FOR DEPED CARAGA FINALIST-
RESEARCHERS TO THE NATIONAL SCIENCE AND
TECHNOLOGY FAIR (NSTF) 2026**

March 2-6, 2026
NEAP Hall, DepEd Caraga

Time	Session	Lead	Output
Day 1			
8:00–9:00	Registration; Materials Issuance	Secretariat	IDs, kits, schedules
9:00–9:30	Opening Program	RO Officials / EPS	Formal opening
9:30–10:30	NSTF Criteria Deep-Dive & Winning Strategies	EPS + Senior Judge	Shared understanding of rubrics
10:30–12:00	Tuklas Research Format, Research Plan, Project Data Logbook, Research Paper Format	Panel Lead + Secretariat	Compliance checklist per team
12:00–1:00	Lunch		
1:00–3:00PM	Tuklas Project Poster Display Format and Safety Guidelines, and Sample Abstracts	Secretariat	Sample Tuklas Project Display
3:00-3:30PM	Uninterrupted Health Break		
3:30-6:00PM	STEM Innovation Expo Paper Format and Poster Outline	Secretariat	Sample STEM Innovation Expo Paper and Poster Outline
Day 2			
8:00-8:15	Management of Learning		
8:15-9:30	Checkpoints for Review Forms 1-7, Learners' Media Release Format, Non-Disclosure Agreement Form	Secretariat	
9:30-10:00	Uninterrupted Health Break		



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2015

Time	Session	Lead	Output
10:00-12:00	Parallel Clinic 1 (per Category): Technical Review of Papers	Panel Experts	Written comments; revision list
12:00-1:00	Lunch		
1:00-3:00PM	Parallel Clinic 1 (per Category): Technical Review of Papers	Panel Experts	Written comments; revision list
3:00-3:30PM	Uninterrupted Health Break		
3:30-6:00PM	Parallel Clinic 1 (per Category): Technical Review of Papers	Panel Experts	Written comments; revision list
Day 3			
8:00-8:15 AM	Management of Learning	Secretariat	
8:15-9:30	Parallel Clinic 2 (per Category): Technical Review of Posters	Panel Experts	Written comments; revision list
9:30-10:00	Uninterrupted Health Break		
10:00-12 :00 PM	Parallel Clinic 2 (per Category): Technical Review of Posters (continuation)	Panel Experts	Written comments; revision list
12:00-1:00PM	Lunch		
1:00-3:00PM	Parallel Clinic 3: Defense Drills & Q&A Mastery	Panel Experts	Speaking notes; Q&A bank
3:00-3:30 PM	Uninterrupted Health Break		
3:30-6:00PM	Parallel Clinic 3: Defense Drills & Q&A Mastery	Panel Experts	Speaking notes; Q&A bank
Day 4			
8:00-8:15AM	Management of Learning	Secretariat	
8:15-9:30 AM	Prototype/Model Walkthrough & Safety/Ethics Check	Safety Officer + Panel	Safety compliance notes
9:30-10:00 AM	Uninterrupted Health Break		

Time	Session	Lead	Output
10:00-12:00 Noon	Poster & Slide Design Masterclass	Invited Design Mentor	Polished templates
12:00-1:00PM	Lunch		
1:00-3:00PM	Mock Fair & Judging (NSTF-timed)	Panel of Experts	Scoresheets; ranked feedback
3:00-3:30PM	Uninterrupted Health Break		
3:30-6:00PM	Mock Fair & Judging (NSTF-timed)	Panel of Experts	Scoresheets; ranked feedback
Day 5			
8:00-8:15 AM	Management of Learning		
8:15-9:30AM	Finalization of Files (Poster PDF, Slides, Abstract)	Secretariat	Received copies; cloud backup
9:30-10:00 AM	Uninterrupted Health Break		
10:00-12:00Noon	Finalization of Files (Poster PDF, Slides, Abstract)	Secretariat	Received copies; cloud backup
12:00-1:00PM	Lunch		
1:00-2:30 PM	Submission of Finalized Files (Poster PDF, Slides, Abstract)	Researchers Secretariat	Finalized poster, slides, Abstract
2:30-3:00PM	Closing Program & Awarding of "Most Improved"	RO Officials	Motivation; documentation
3:00-3:00PM	Snacks		