



Republic of the Philippines
Department of Education
NEGROS ISLAND REGION

REGIONAL MEMORANDUM
No. 667, s. 2025

NOV 20 2025

REGIONAL SCIENCE AND TECHNOLOGY FAIR 2025

To: Schools Division Superintendents
All Others Concerned

1. The Department of Education (DepEd) is committed to honing learners' scientific and research skills through a nationwide Science and Technology Fair (STF) with the theme, "Harnessing the Unknown: Powering the Future Through Science and Innovation".
2. As part of the selection process for official regional qualifiers to the National Science and Technology Fair (NSTF), this Office, through the Curriculum and Learning Management Division (CLMD), will conduct the Regional Science and Technology Fair (RSTF) 2025 on **November 26–28, 2025** in Bacolod City.
2. The RSTF provides a hands-on, interactive platform where students apply their knowledge and skills in Science, Technology, Engineering, and Mathematics (STEM) to real-world problems.
3. The RSTF 2025 shall feature the following components:
 - + TUKLAS – STEM research competition for Junior and Senior High School learners in Life Science, Physical Science, Robotics and Intelligent Machines (RIM), and Mathematics & Computational Science; and
 - + STEM Innovation Expo – recognition of creative and market-viable projects addressing issues in food safety, water conservation, renewable energy, cyber security, road safety, health, disaster mitigation, agriculture, and environment.
4. The 22 Schools Division Offices (SDOs) shall endorse the top 1 winning entries per category (individual and team projects) from the Division Science and Technology Fair (DSTF) with the complete requirements, including:
 - a. Research manuscripts;
 - b. ISEF forms and certifications/pre-approvals;
 - c. Research data logbooks;
 - d. Abstracts;
 - e. Project evaluation forms; and
 - d. Learner media release and consent forms.
5. The first-place winners in each category of the RSTF will be screened by the National Scientific Review Committee (SRC) as official entries to the NSTF 2025.



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6. Each SDO is requested to prepare a 30-second shout-out video in mp4 format, featuring the winners of the DSTF 2025 in all categories, reciting the division's shout-out/mantra with upbeat music.
7. The schedule of preliminary activities shall be as follows:
 - a. Submission of Division-Endorsed Entries and Required Documents
 - ✚ Digital copies: November 21, 2025
 - ✚ Hard copies: November 26, 2025
 - b. Online submission of the 30-second Shout-out Video: November 21, 2025
 - c. Regional SRC Pre-Evaluation: November 24-25, 2025
8. Winners in all contest competitions shall be recognized based on the sum of rankings given by all three members of the Board of Judges (BOJ). 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 assigned BOJ for the category shall deliberate to break the tie. The decision of the BOJs is final and irrevocable.
9. Travel, incidental, and other related expenses incurred by the participants or official delegates per division shall be charged to local funds or other available sources; whereas, all expenses of the DepEd RO personnel related to the conduct of the RSTF, board and lodging of the regional TWG, and official guests and participants, materials, transportation, trophies and medals, and honoraria of the BOJs, and external or non-DepED resource persons shall be charged to the Regional Office Local Funds, subject to the usual accounting and auditing rules and regulations.
10. Attached are the following enclosures for information and guidance:
 - Enclosure 1: Regional Science and Technology Fair (RSTF) 2025 Working Committee and SDO Bacolod City Technical Working Group
 - Enclosure 2: List of Participants
 - Enclosure 3: Activity Flow of Regional Science and Technology Fair Activities
 - Enclosure 4: Guidelines for Tuklas (Full Research Competition) and STEM Innovation Expo
 - Enclosure 5: Project Evaluation Form
9. Immediate dissemination of and compliance with this Memorandum are desired.

for: 
RAMIR B. UYTICO EdD, CESO III
Regional Director



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Encl.: As stated

Reference: As stated

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

PROGRAM COMPETITION CURRICULUM

MMPR/CLMD-RA- 2025 Regional Science and Technology Fair 2025
000/November 20, 2025



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Enclosure No. 1 to RM No. 061, s. 2025

Regional Science and Technology Fair (RSTF) 2025 Working Committee

Overall Chairman: G.L. John Haro (CLMD- Chief education Supervisor)

Working Committee	Chairperson/s	Co-Chairperson	Members
1. Screening and Validation Committee	Ma. Melanie P. Romero – RO EPS- Science	Mayleen Joy S. Fariñas – RO EPS- Math	Scientific Review Committee and Non-DepEd Judges
2. Registration & Secretariat	Lester C. Pabalinas – SDO Canlaon City	Edna Rose P. Gueco- SDO Bacolod City	1. Liza T. Rubio – SDO Siquijor 2. Maria Trinidad V. Uy – SDO Bais City 3. Adonis S. Rivera – SDO Bayawan
3. Program & Presentations	Ruel Torres – SDO Dumaguete City	Daisy L. Lopez – SDO Silay City	1. Roberto C. Desin Jr. – SDO Victorias City 2. Richard R. Esparagoza – SDO Silay City
4. Technical, ICT, & Documentation	Aries H. Sobremisana- SDO Bacolod City	Nonito T. Guanzon – RO EPS, LRMS	SDO- Bacolod City 1. John Ceasar B. Torrecampo 2. Jeanalyn G. Francisco 3. Teodoro M. Abao Jr. 4. Oliver Villarta 5. Giovanni Genit 6. Raymart Benoman
5. Ushering, Protocol, & Assistance	Mayleen Joy S. Fariñas – RO EPS- Math	Mayriza Cua – SDO Talisay City	1. Maritess B. Rivera 2. Merle Estanislao
6. Tabulation Committee	Ronilo E. Cadigal Jr-SDO Bago City	Neddy G. Arong- SDO Siquijor	1. Robotics and Intelligent Machines: Nick Gador-SDO Kabankalan



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			2. Physical Science: Prilyn S. Albarico- SDO Escalante 3. Life Science: Ruel Casalla- SDO San Carlos 4. STEM Innovation: Miraluna V. Albina- SDO Dumaguete 5. Mathematics and Computational Science- Liza T. Rubio- SDO Siquijor
7. Physical Arrangement and Logistics Committee	Lyndon M. Ramirez – SDO Tanjay City	Joseph M. Pagalaran – SDO Himamaylan	1. Jovel J. Oberio - SDO Cadiz City 2. Sanile Teves 3. Christian Edu Villegas- SDO Guihulngan City 4. Rusil Sombit0- SDO Victorias City 5. Kent Charles G. Arnibal – SDO Sipalay
8. Awards Committee	Arnold R. Jungco – SDO Negros Oriental	Michael Gudio – RO-EPS, Kindergarten	1. Elisa Baguio - SDO Neg Oriental 2. Gino Aliviado – SDO Neg Oriental 3. Rolando S. Roa – SDO Guihulngan 4. Marlon L. Solivio- SDO Sagay City 5. Imelda R. Mamac – SDO San Carlos
9. Food and Accommodation Committee	Ana Liza B. Villanueva – SDO La Carlota	Nova B. Zamora	1. Salvador A. Hiponia – SDO La Carlota 2. Oliver C. Catacutan – SDO Bais City



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			3. Analie V. Almaiz - SDO Kabankalan City
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Technical Working Group Members from SDO Bacolod City

Working Committee	Chairperson/s	Co-Chairperson	Members
1. Registration & Secretariat		1. Edna Rose P. Gueco PhD 2. Gladys G. Gerona	1. Christy Ann G. Banguanga PhD 2. June Nathan M. Fernandez 3. Brenda Lyn Amanda B. Orocio 4. Irlie Grace Acero 5. Daisy Mae E. Tiro
2. Program & Presentations	Eden A. Ariola PhD	Program Director - Jesus Segundo Cabalcar	1. Sam Daniel Salavatierra 2. Judy Ann Flores PhD 3. Vivian Tiguelo PhD 4. Writer/Prompter 5. Antoinette Clarice Yanos 6. April Joy Perfas 7. Mel Andrew Generosa 8. Jeff Guillen 9. Mark Margallo PhD 10. Ephramar Telog 11. Janet Nueva
3. Ushering, Protocol, & Assistance			
4. Physical Arrangement and Logistics Committee		Oswald P. Acebedo	1. Phillip Raymund De Oca 2. Kerr John Soberano 3. Kevin Clyde Ong PhD 4. James Pangantihon



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			5. Lyndon Villaceran 6. James Albert Orocio 7. Jose Winston A. Leria
5. Tabulation		EJ Sy	Anna Bacolod
6. Awards Committee			1. Nice Consuelo Alojamiento 2. Babylyn T. Generosa 3. Rizah T. Jamandre
7. Food and Accommodation Committee	Rene S. Oriendo PhD	Lani Boscas PhD	1. Sheila L. Arcolas 2. Lea U. Elisan 3. Zenny Ann Macasero 4. Ma Fe Jacob



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Enclosure No. 2 to RM No. 067, s. 2025

List of Participants

PHASE 1 - Regional Science and Technology Fair (November 26–28, 2025)

1. Regional Office:

Regional Director, Assistant Regional Director, CLMD Chief, QAD Chief, CLMD Personnel

2. Panel of Judges

3. Technical Working Group from SDO Bacolod City as the Co-Host)

3. Division Office:	Day 1	Day 2	Day 3 (Only the Top 6 Qualifiers)
Math Supervisors	22	22	22
Science Supervisors	22	22	22
Teacher/Coaches	220	220	30
Student-Researchers	440	440	120

Competition		Number of Students-Participants per Division	Number of Coaches	Other Official Participants per Division
Tuklas	Life Science			1 - Math Supervisors 1 - Science Supervisors
	Individual	1	1	
	Team	3	1	
	Physical Science			
	Individual	1	1	
	Team	3	1	
	Robotics and Intelligent Machines			
	Individual	1	1	
	Team	3	1	
	Mathematics and Computational Science			
	Individual	1	1	
	Team	3	1	
	STEM Innovation Expo			
	Individual	1	1	
	Team	3	1	
TOTAL		20	10	2
Maximum Number of Official Delegates per Division		32 X 22 = 704		

PHASE 2 - Refining Brilliance: The RSTF 2025 Research Review and Critiquing Workshop (December 1–2, 2025)

- ✚ CLMD Personnel, EPS in Science and Math, Teachers/Coaches and students of the Champion SDOs in all Competition both in Individual and Team Categories.



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Enclosure No. 3 to RM No. 667, s. 2025

Activity Flow of Regional Science and Technology Fair Activities

PHASE 1	Time	Activity
Day 1 Nov.26	9:00am-12:00nn	Pre-Conference/ Briefing of TWG, PMT and Panel of Judges
	12:00nn-1:00pm	Lunch Break
	1:00-2:00pm	Arrival and Registration of Participants
	2: 00- 3:00pm	Opening Program
	3:00 – 5:00pm	Setting and Mounting of SIP Posters
Day 2 Nov.27	8:00am-8:30am	Cutting of Ribbon of the Research Poster Exhibits and Open House
	8:30am-12:00nn	Judging of SIP Posters
	12:00nn-1:00pm	Lunch Break
	1:00pm-4:00pm	Judging of SIP Posters Continuation
	4:00pm-5:00pm	Announcement of Top 6 Finalist
Day 3 Nov.28	8:00am-8:30am	MOL (Plenary)
	8:30am-10:00nn	Top 6 Final Deliberation with the Judges (Simultaneous all Categories)
	10:30nn-12:00pm	Awarding and Closing Program
	12:00pm-1:00pm	Lunch
		Home Sweet Home

PHASE 2	Time	Activity
Day 1 Dec.1	10:00am – 12:00pm	Arrival & Registration
	12:00pm – 1:00pm	Lunch
	1:00pm-5:00pm	Opening Program and Critiquing Proper
Day 2 Dec.2	6:00am-7:59am	Breakfast
	8:30am-10:00am	Workshop
	10:00am-12:00am	Presentation and Submission of Outputs and Closing Program
	12:00nn-1:00pm	Lunch Break
		Home Sweet Home



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Enclosure No. 4 to RM No. GG7, s. 2025

Guidelines for Tuklas (Full Research Competition)

Reference: DepEd Memorandum No. 16 s. 2025

Theme: Harnessing the Unknown: Powering the Future through Science and Innovation

Date: November 26-28, 2025

Venue: Bacolod City

Tuklas is a STEM research competition with four categories: (1) Life Science, (2) Physical Science, (3) Robotics & 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.

1. This competition is open to all Junior High School and Senior High School students (Grades 9-12) from both public and private schools. Only the first-place winners in each of the categories (Individual or Team) at the Division level shall represent the Division to the Regional STF as endorsed by the Education Program Supervisor and approved by the Regional Scientific Review Committee (RSRC).
2. The participants must submit the soft and hard copies of the manuscripts, required forms, project data notebook or journal with dates of entry, number of pages, and all other details (refer to DM No. 16 s. 2025). The submission shall be in 3 folders to the Regional Office through the Education Program Supervisor. Submission of the folders must follow the coding: (Tuklas-Category-Individual or Team-Name of Schools Division Office)

Example: Tuklas-Life Science-Individual

For color coding, please refer to Enclosure No. 11 of DepEd Memorandum No. 16 s. 2025

3. The entries in each category of TUKLAS and STEM Innovation Expo will be screened by the Regional Scientific Review Committee (RSRC). The qualifiers of each category from the initial screening shall advance to the Regional Science and Technology Fair (RSTF) for the actual validation, showcasing, and evaluation of the project. All qualified entries/finalists must bring three (3) hard copies of the full research/manuscript and soft copy of the slide decks during the competition dates. These shall be given to the judges during Day 1 through the event-in-charge per category.



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4. For the final round, the slide decks shall be presented and controlled by the event in-charge. Each entry shall be given 5 minutes to present the slide decks and 5 minutes for Q and A by the BOJ. Presenters are advised to wear smart casual business attire.
5. The BOJ shall finalize the scoring and tally using the template. Results should be signed by the BOJ before endorsing to the Tally team for recording.
6. For the Poster Display, posters shall be printed in a Tarpaulin or Tarpapel which was used during the respective DSTF. The following items should be seen in the project display: Title, Abstract, Background, Objectives, Significance, Methodology, Results and Discussion, Conclusion, Recommendations, Bibliography and if applicable, Photo Credits (including illustrations and graphics). All Poster will be displayed in the designated area during the contest.

For consistency, the STEM Innovation Expo Poster Display, the same format shall be used; the content of the parts shall be the following: Title, Picture, Overview, Key Features, Benefits and Impacts, Developer's Name.

7. All technical guidelines are based on DepEd Memorandum No. 16 s. 2025 and the NSTF Handbook.



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Enclosure No. 5 to RM No. 661, s. 2025

PROJECT EVALUATION FORM

(TUKLAS: Physical Science/Life Science/Robotics & Intelligent Machines/Mathematics and Computational Science)

Individual and Team

Enclosures No. 15 and 16 DepEd Memorandum No. 16 s. 2025

Code	RESEARCH TITLE PROJECTS	CRITERIA				Total (100)	Rank
		Creative Ability (30)	Scientific Thought (30)	Thoroughness (15)	Skill (15)	Clarity (10)	
1							
2							
3							



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STEM INNOVATION EXPO EVALUATION FORM
Individual and Team

Enclosure No. 18 DepEd Memorandum No. 16 s. 2025

Code	RESEARCH TITLE PROJECTS	CRITERIA					Total (100%)	Rank
		Originality & Creative Ability (35%)	Community Connection and Impact (20%)	Market Attractiveness (20%)	Project Pitching (15%)	Utilization of Patent Information (10%)		
1								
2								
3								
4								
5								



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BEST POSTER
Individual /Team

Code	RESEARCH TITLE PROJECTS	CRITERIA					Total (100%)	Rank
		Scientific Content (30%)	Organization & Logical Flow (20%)	Visual Design & Creativity (20%)	Clarity & Communication (20%)	Technical Quality & Compliance (10%)		
1								
2								
3								
4								
5								



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BEST PRESENTOR
Individual / Team

Code	RESEARCH TITLE PROJECTS	CRITERIA						Total (100%)	Rank
		Mastery of the Research (30%)	Clarity & Organization (20%)	Quality of Visual Aids (15%)	Communication Skills (15%)	Engagement with Judges (10%)	Technical Accuracy & Professionalism (10%)		
1									
2									
3									
4									
5									
6									



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7									
8									
9									
10									



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Guidelines for STEM Innovation Expo

Reference: DepEd Memorandum No. 16 s. 2025

STEM Innovation Expo competition 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.

1. This competition is open to all Junior High School and Senior High School students (Grades 9-12) from both public and private schools. Only the first-place winners in each of the categories (Individual or Team) at the Division level shall represent the Division to the Regional STF as endorsed by the Education Program Supervisor and approved by the Regional Scientific Review Committee (RSRC).
2. The participants must submit the soft and hard copies of the manuscripts, number of pages, and all other details (refer to DM No. 16 s. 2025). The submission shall be in 3 folders to the Regional Office through the Education Program Supervisor.
Submission of the folders must follow the coding: (Category-Individual or Team-Name of Schools Division Office)

Example: STEM Innov Expo-SDO-NEGOR

For color coding, please refer to Enclosure No. 11 of DepEd Memorandum No. 16 s. 2025

3. The entries in each category of STEM Innovation Expo will be screened by the Regional Scientific Review Committee (RSRC). The qualifiers of each category from the initial screening shall advance to the Regional Science and Technology Fair (RSTF) for the actual validation, showcasing, and evaluation of the project. All qualified entries/finalists must bring three (3) hard copies of the full research/manuscript and soft copy of the slide decks during the competition dates. These shall be given to the judges during Day 1 through the event-in-charge per category.
4. For the final round, the slide decks shall be presented and controlled by the event in-charge. Each entry shall be given 5 minutes to present the



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slide decks and 5 minutes for Q and A by the BOJ. Presenters are advised to wear smart casual business attire. For projects with prototype, the BOJ may ask for a demonstration. Ensure that all prototypes are working properly.

5. The BOJ shall finalize the scoring and tally using the template. Results should be signed by the BOJ before endorsing to the Tally team for recording.
6. All Poster will be displayed in the designated area during the contest. For the Poster Display, All posters should be mounted in a standee. The following items should be seen in the project display: Title, Picture, Overview, Key Features, Benefits and Impacts, Development, Developer's Name.
7. All technical guidelines are based on DepEd Memorandum No. 16 s. 2025 and the NSTF Handbook.



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**NATIONAL SCIENCE AND TECHNOLOGY FAIR (NSTF)
STEM INNOVATION EXPO - EVALUATION FORM**

CRITERIA	WEIGHT	RATING
ORIGINALITY AND CREATIVITY - The project developed new theoretical model or frameworks that gives significant contribution in Science. - The project applied the use of existing technology in new and creative ways to solve scientific problems. - The project challenge conventional methodologies	35%	
COMMUNITY CONNECTION AND IMPACT - The project creates solutions to address challenges in the community such as food security, agriculture, health, environment, and energy conservation. - The project has immediate significant practical applications.	20%	
MARKET ATTRACTIVENESS - The project has strong demands from potential customers and end-users. - The project has high potential for generating substantial revenue and profitability. - The project is aligned with current and future market trends.	20%	
PROJECT PITCHING - The project provides clear articulation of the project overview, objectives, and its significance. - The project highlights scientific principles or engineering concepts used.	15%	
UTILIZATION OF PATENT INFORMATION The project is at least applied either online or in-person for patent at the Intellectual Property Office of the Philippines (Provide a copy of application)	10%	
TOTAL	100%	

(Signature over Printed Name)
JUDGE