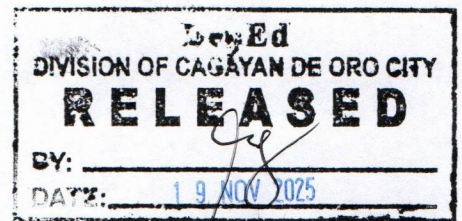




Republic of the Philippines
Department of Education
REGION X
DIVISION OF CAGAYAN DE ORO CITY



Office of the Schools Division Superintendent

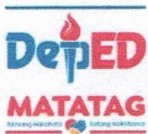
18 Nov 2025

DIVISION MEMORANDUM
No. 1050 s. 2025

2025 REGIONAL SCIENCE AND TECHNOLOGY FAIR

TO: Asst. Schools Division Superintendent
Chief, CID
Chief, SGOD
Concerned Public Schools District Supervisors
Concerned Education Program Supervisors
Concerned Public Secondary School Heads
Concerned Teachers
This Division

1. Regarding Regional Memorandum No. 791, s. 2025, titled 2025 Regional Science, Technology and Mathematics Fair, and Regional Memorandum No. 935, s. 2025, titled Updated Regional Memorandum No. 791, s. 2025, this Office extends its warm congratulations and commendation to the 2025 RSTF finalists who will represent this Division in the regional competition on November 21-23, 2025, to be hosted by the Division of Bukidnon.
2. Enclosure Number 1, is the list of finalists (researches and coaches), Members technical working group and observers of the 2025 RSTF.
3. Travel and other incidental expenses incurred by the participants and observers shall be charged against their local funds or other available sources, subject to the usual accounting and rules and regulations.
4. The participants and observers who travel or render services on days that fall on weekends and holidays can avail of the service credit, CTO, or COC equivalent to eight hours of service per day, whichever is applicable per DepEd Order No. 67, s. 1988 and CSC Memo Circular No. 09, s. 1988.
5. In adherence to Equal Opportunity Principle (EOP), inclusive and fair treatment shall be accorded to all concerned/participants regardless of disability, sexual orientation, gender, age, religion, and ethnicity.



Address: Fr. William F. Masterson Ave., Upper Balulang, Cagayan de Oro City
Telephone: (088) 855-0044, (088) 855-0047, (088) 328-2142
Email Address: cagayandeoro.city@deped.gov.ph
Website: <https://depedcdo.net/>

Doc. Ref. Code		Rev	
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6. This Office directs immediate and wide dissemination of this Memorandum.

ROY ANGELO E. GAZO
Schools Division Superintendent

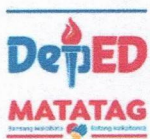
Encl.: As stated

Reference: As stated

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

CURRICULUM SCIENCE FAIR

DM- 200 -CID-IM-EQS / 2025 REGIONAL SCIENCE AND TECHNOLOGY FAIR
November 18, 2025



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Enclosure Number 1. 2025 REGIONAL SCIENCE AND TECHNOLOGY FAIR (RSTF) FINALISTS,TWG AND OBSERVERS

A. TECHNICAL WORKING GROUP MEMBERS

- 1.EVELYN Q. SUMANDA- EPS in SCIENCE
2. RAY O MAGHUYOP- EPS IN MATH
3. MARILOU L. LORA- SCHOOL HEAD, MIDKIWAN IS
4. MARGELINA T. TABIAN(Online)- TEACHER- KAUSWAGAN CS

B. OBSERVERS

1. MARIBETH T. AUMAN- SCHOOL HEAD, CDONHS-JHS
- 2.JERSON B. HERRERO- SCHOOL HEAD, CDONHS- SHS
- 2.ELIZER O. TERUEL- SCHOOL HEAD, GUSA RSHS
- 3.DELBERT R. IBARAT- TEACHER, BULUA NHS
- 4.MAR V. AGOT- MT-II,PNROASHS
5. DAN A. JABIEN-TEACHER, CARMEN SCIENCE HIGH SCHOOL
6. JOHN MICHAEL I. ANG- STUDENT,CDONHS -JS
- 7.PRINCESS GLENN S. YAMARO-STUDENT, BULUA NHS
- 8.MARIEL LOUISSE E. PINEDA - STUDENT,CARMEN SCIENCE HIGH SCHOOL
- 9.MARY EUGENE CARMELI P. ARANTON
- 10.PERKIN JACOB M. CAGARA
- 11.PAUL MARTIN PACANA

C. RESEARCHERS AND COACHES

1. MATHEMATICS and COMPUTATIONAL SCIENCE (TEAM – ORAL)

RESEARCH PROJECT TITLE	NAME OF PARTICIPANTS	SCHOOL HEAD/ SCHOOL	COACH/ES
Traffic Flow Assessment using Linear Programming in Cagayan de Oro City Ysalina Bridge Intersection	EDZL LANZ M. CHAVEZ JALZY MAE F. PIASTRO HEZEKIAH O. MAMUCAY	JERSON HERRERO CAGAYAN DE ORO NATIONAL HIGH SCHOOL-SH	EARL MAE D. ARTADI ERWIN B. LANGAM

2.SCIENCE INNOVATION EXPO (INDIVIDUAL – ORAL)

RESEARCH PROJECT TITLE	NAME OF PARTICIPANT	SCHOOL HEAD/ SCHOOL	COACH/ES
AEROVATE Enhancing School Canteen Safety through an IoT-Based Air Quality Monitoring and Real-Time Health Alert System	RINAH MARIE L. OPENIANO	MARIBETH T. AUMAN CAGAYAN DE ORO NATIONAL HIGH SCHOOL-JH	LEAH LYN A. LINGATONG JACQUELINE G. GASATAN

3. SCIENCE INNOVATION EXPO (TEAM – ORAL)

RESEARCH PROJECT TITLE	NAME OF PARTICIPANT	SCHOOL HEAD/ SCHOOL	COACH/ES
IOT-Based Sustainable Air Filtration through a Solar-Powered Exhaust System with HEPA and Activated Carbon Filters for Food Stalls	AISHA GAIL NEGAPATAN SEAN KYLE B. BERSABAL	MARIBETH T. AUMAN CAGAYAN DE ORO NATIONAL HIGH SCHOOL-JH	LEAH LYN A. LINGATONG JELLINEK G. JABINES

4. ROBOTICS and INTELLIGENT MACHINES (INDIVIDUAL – ORAL)

RESEARCH PROJECT TITLE	NAME OF PARTICIPANT	SCHOOL HEAD/ SCHOOL	COACH/ES
MediSync: An Automatic Pill and Water Dispenser with Smartwatch Monitoring and Notification Synchronization	PRECIOUS SHAME SUICO	MARIBETH T. AUMAN CAGAYAN DE ORO NATIONAL HIGH SCHOOL-JH	LEAH LYN A. LINGATONG CHERRY MAE P. CASINILLO

5. LIFE SCIENCE (INDIVIDUAL-ORAL)

RESEARCH PROJECT TITLE	NAME OF PARTICIPANT	SCHOOL HEAD/ SCHOOL	COACH
DurioStraw: Creation of Composite Bioplastic Straws from Durian (Durio zibethinus) Waste	DANNY LABORTE JR.	ELIZER O. TERUEL GUSA REGIONAL SCIENCE HIGH SCHOOL	ENGR. SHOJI-AN DARADAL

6. LIFE SCIENCE (TEAM-ORAL)

RESEARCH PROJECT TITLE	NAME OF PARTICIPANTS	SCHOOL HEAD/ SCHOOL	COACH
Biogenic Synthesis of Silver Nanoparticles using Aqueous Inner Pulp Extract of Atuna racemosa and Antihelminthic Evaluation against Radopholus similis Model	ABIGAIL REGALA ANNE PRINCESS LAGRADILLA HERSHEY CANO	ELIZER O. TERUEL GUSA REGIONAL SCIENCE HIGH SCHOOL	ADAM RAY MANLUNAS

7. Mobile Robotics System Competition (G7/G8 Category)

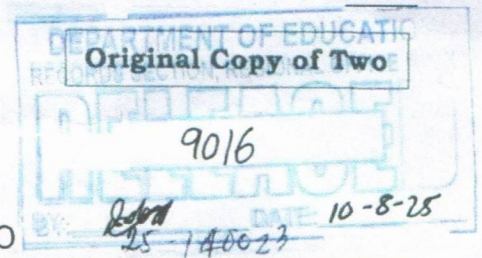
NAME OF PARTICIPANTS	SCHOOL HEAD/ SCHOOL	COACH
SCOTT D. MARRON DYLAN JADE B. MERCADO	ELIZER O. TERUEL Gusa Regional Science High School-X	Julius O. Tan

6.. Mobile Robotics System Competition (G9/G10 Category)

NAME OF PARTICIPANTS	SCHOOL	COACH
RHEA MAE J. PEPITO	MARIBETH T. AUMAN Cagayan de Oro National High School - JH	NORIBELLE G. BACULIO



Republic of the Philippines
Department of Education
REGION X — NORTHERN MINDANAO



October 6, 2025

REGIONAL MEMORANDUM
No. 791, s. 2025

2025 REGIONAL SCIENCE, TECHNOLOGY, AND MATHEMATICS FAIR

To: Schools Division Superintendents All Others
Concerned

1. The Department of Education (DepEd) Regional Office X, through the Curriculum and Learning Management Division (CLMD), in coordination with **Bukidnon** Division as the host, announces the 2035 Regional Science, Technology, and Mathematics Fair (RBTMFJ), with the theme "Harnessing the Unknown: Powering the Future Through Science and Innovation" in Malaybalay City, Bukidnon, on November 21-23.

2. The RSTMF is aligned with the Department's commitment to honing the learners' scientific and research skills. This year's fair envisions the participating learners to continue to come up with innovative solutions to promote environmental well-being. The event encourages forward-thinking and collaborative efforts to explore practical approaches to address global challenges, underscoring the importance of shared responsibility and actionable steps in achieving long-term, sustainable goals.

3. The RSTMF aims to

- a. promote and strengthen Science, Technology, Engineering, and Mathematics (STEM) consciousness and a culture of innovation among the youth;
- b. develop learners' essential research skills for academic success and future academic and career pursuits; and
- c. identify the most creative and innovative student researchers from the Junior and Senior High Schools who shall represent the region in the national Science-Mathematics research fairs.



Address: DepEd Regional Office X, Zone 1, Upper Balulang, Cagayan de Oro City
Telephone No: (088) 881-3137
Email Address: region10@deped.gov.ph
Website: r10.deped.gov.ph

Doc. Ref. Code	RO-ORD-F013	Rev	01
Effectivity	01.22.24	Page	1 of 3



4. The official participants from each delegation shall only be the Rank 1 Winners in each of the different categories whose entries have been approved by the Regional Level Scientific Review Committee (SRC). Substitutes shall not be allowed once the division's endorsement of participants has been submitted. The description and number of official participants and other party members are attached for reference.
5. The guidelines, standards, parameters, and process stipulated in the SSTF, DSTF, RSTF, and NSTF Handbook shall guide student researchers, teachers, school heads, regional and divisional math and science supervisors, chief education program supervisors, and schools division superintendents in implementing and organizing Science and Technology Fairs. The other contextualized guidelines are attached for reference.
6. The RSTMF 2025 features two additional contests:
- Mobile Robotics System Competition (Ultimate, ESP 32, and mBlock RangerJ for Grade 7 or 8 with two participants per SDO
 - Mobile Robotics System Competition (Ultimate, ESP 32, and mBlock Ranger) for Grade 9 or 10 with one participant per SDO
7. The divisional level math and science supervisors or assigned focal persons under the Curriculum Implementation Division (CID) shall lead the conduct of the school and divisional level science and technology fair. Each lead is empowered to come up with an implementation mechanism to ensure the no disruption of classes for the participating schools across all levels of STF.
8. The Schools Division Superintendents (SDSs) must ascertain that classes left by the teacher-participants are taken over by substitute teachers, merged with other classes, or given alternative instructions or delivery modalities so that the learners still avail of the full benefit of classroom instruction.
9. The divisional STF coordinators shall submit on or before November 7, 5:00 p.m., through the divisions' Google Drive or OneDrive sharing to nick.panares@deped.gov.ph, the files listed below. Failure to submit the complete report, documents, and projects on time shall be subject to disqualification.
- Endorsement by the Schools Division Superintendent (scanned copy)
 - Official List of Participants (in MS Excel format and following the format template in the NSTF Handbook)
 - End of Activity Report for the Division STMF

- d. Shoutout video
- e. Manuscripts and Forms (arranged by folder per category)

10. The hard copy of the manuscripts and forms (in three copies, color-coded and soft-bound), Learner Media Release Consent Form, Parent Consent Form, and Non-Disclosure Agreement (NDA) Form shall be submitted on November 21, at the Registration Area of the RSTMF venue.

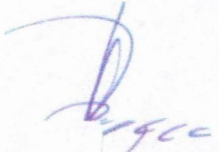
11. The participants in the STF activities who travel or render services on days that fall on weekends and holidays can avail of the service credit, CTO, or COC equivalent to eight hours of service per day, whichever is applicable per DepEd Order No. 67, s. 1988 and CSC Memo Circular No. 09, s. 1988.

12. Travel and other incidental expenses incurred by the participants shall be charged against their local funds or other available sources while the honorarium for the non-DepEd Board of Judges shall be taken from the DepEd RO-X Fund, and for other RSTMF-related expenses from the STF subsidy BEC Program Support Fund of One Hundred Thousand Pesos (P100,000.00), which shall be further downloaded to the host division, subject to the usual accounting and auditing rules and regulations.

13. The following are attached for reference:

- a. NSTF Handbook
- b. Mobile Robotics System Competition Guidelines

14. This Office directs the immediate and wide dissemination of this Memorandum.


DR. ART B. BAYOCOT, CESO III
Regional Director

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

SCIENCE 2025RSTMP

RE: 2025 Regional Science, Technology, and Mathematics Fair

CLMD/nick



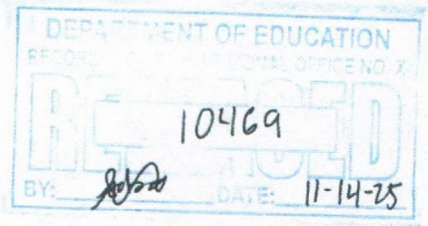
Address: DepEd Regional Office X, Zone 1, Upper Balulang, Cagayan de Oro City
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Republic of the Philippines
Department of Education
 REGION X - NORTHERN MINDANAO



November 14, 2025

REGIONAL MEMORANDUM

No. 935, s. 2025

UPDATED REGIONAL MEMORANDUM NO. 791, S. 2025
 (2025 REGIONAL SCIENCE AND TECHNOLOGY FAIR)

To: Schools Division Superintendents
 All Others Concerned

1. Regarding the attached **Regional Memorandum No. 791, s. 2025**, titled **2025 Regional Science, and Technology Fair (RSTF)**, the following Schools Division Office (SDO) representatives will proceed to the regional level oral and poster presentations:

CATEGORIES	INDIVIDUAL	TEAM
LIFE SCIENCE	Cagayan de Oro City-RSHS	Bukidnon
	Iligan City	Cagayan de Oro City-RSHS
	Lanao del Norte	El Salvador City
	Tangub City	Iligan City
	Valencia City	Tangub City
PHYSICAL SCIENCE	Iligan City	Bukidnon
	Lanao del Norte	Gingoog City
	Malaybalay City	Oroquieta City
	Oroquieta City	Tangub City
	Valencia City	Valencia City
ROBOTICS AND INTELLIGENT MACHINES	Cagayan de Oro City	El Salvador City
	Iligan City	Iligan City
	Lanao del Norte	Misamis Oriental
	Malaybalay City	Oroquieta City
	Valencia City	Valencia City
MATHEMATICS AND COMPUTATIONAL SCIENCE	Bukidnon	Cagayan de Oro City
	Gingoog City	Iligan City
	Iligan City	Lanao del Norte
	Oroquieta City	Ozamis City
	Valencia City	Valencia City
SCIENCE INNOVATION EXPO	Cagayan de Oro City	Cagayan de Oro City
	Iligan City	Lanao del Norte
	Malaybalay City	Malaybalay City
	Misamis Oriental	Tangub City
	Valencia City	Valencia City

2. The Official List of participants, TWG, and Contest Guidelines for the 2025 Mobile Robotics Relay Competition are found in this link <https://bit.ly/CTMobileRobotics>.



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3. The following are the additional members of the Technical Working Group:

Committee	Name	Division
Co-Chairs	Marilou L. Lora	Cagayan de Oro City
	Ellen A. Azuelo	Bukidnon
	Analy L. Ocier	Malaybalay City
Members	Mathematics EPSs	14SDOs
	Creative Technology Teachers	14SDOs
	Gretchen V. Catane	Malaybalay City
	Margelina T. Tabian (Online)	Cagayan de Oro City
	Jess D. Tamagos	Valencia City
	Bukidnon	Ellen A. Azuelo
Science EPSs	Cagayan de Oro City	Evelyn Q. Sumanda
	Camiguin	Maria Victoria S. Sacote
	El Salvador City	Marie Jade A. Cacayan
	Gingoog City	Nilda U. Villegas
	Iligan City	Riza R. Nicor
	Lanao del Norte	Rowena E. Lontayao
	Malaybalay City	Analy L. Ocier
	Misamis Occidental	Joanette Clarpondel M. Caparaz
	Misamis Oriental	Rafunzel D. Epanis
	Oroquieta City	Solly E. Namocatcat
	Ozamis City	Jed Mae F. Coronel
	Tangub City	German Sumingit, Jr.
	Valencia City	Jimbo Russell C. Agbayani

4. The solidarity meeting with the TWG and all science EPSs is scheduled for November 20.
5. The SDOs are encouraged to send observers: a maximum of three school heads and five students preferably from Grades 9-12.
6. The participants and the Regional Technical Working Group (RTWG) of the 2025 RSTF shall be entitled to service credits following DepEd Order No. 53, s. 2003 entitled Updated Guidelines on the Grant of Vacation Service Credits to Teachers. However, non-teaching personnel, including Management Staff, shall be given Compensatory Time-Off (CTO) per Civil Service Commission (CSC) and Department of Budget and Management (DBM) Joint Circular No.2, s. 2004 on Non-Monetary Remuneration for Overtime Service Rendered, specific attention on Section 5.
7. All other provisions in the attached Memorandum shall remain in effect.
8. This Office directs the immediate and wide dissemination of this Memorandum.

DR. ARTURO B. BAYOCOT, CESO III
Regional Director

For the Regional Director:

ATTY. SHIRLEY O. CHATTO
Chief Administrative Officer
Administrative Services Division

ATCH.: As stated
To be indicated in the Perpetual Index
under the following subjects:

SCIENCE NSTF/RSTF
RE: 2025 Regional Science and Technology Fair (RSTF)
CLMD/nick



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Republic of the Philippines
Department of Education
REGION X — NORTHERN MINDANAO

Original Copy of Two

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10-8-25

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October 6, 2025

REGIONAL MEMORANDUM
No. 791, s. 2025

2025 REGIONAL SCIENCE, TECHNOLOGY, AND MATHEMATICS FAIR

To: Schools Division Superintendents All Others
Concerned

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 - a. promote and strengthen Science, Technology, Engineering, and Mathematics (STEM) consciousness and a culture of innovation among the youth;
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4. The official participants from each delegation shall only be the Rank 1 Winners in each of the different categories whose entries have been approved by the Regional Level Scientific Review Committee (SRC). Substitutes shall not be allowed once the division's endorsement of participants has been submitted. The description and number of official participants and other party members are attached for reference.

5. The guidelines, standards, parameters, and process stipulated in the SSTF, DSTF, RSTF, and NSTF Handbook shall guide student researchers, teachers, school heads, regional and divisional math and science supervisors, chief education program supervisors, and schools division superintendents in implementing and organizing Science and Technology Fairs. The other contextualized guidelines are attached for reference.

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- b. Official List of Participants (in MS Excel format and following the format template in the NSTF Handbook)
- c. End of Activity Report for the Division STMF



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- d. Shoutout video
- e. Manuscripts and Forms (arranged by folder per category)

10. The hard copy of the manuscripts and forms (in three copies, color-coded and soft-bound), Learner Media Release Consent Form, Parent Consent Form, and Non-Disclosure Agreement (NDA) Form shall be submitted on November 21, at the Registration Area of the RSTMF venue.

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14. This Office directs the immediate and wide dissemination of this Memorandum.


DR. ART B. BAYOCOT, CESO III
Regional Director

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

SCIENCE 2025RSTMP

RE: 2025 Regional Science, Technology, and Mathematics Fair

CLMD/mick



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