



Republic of the Philippines
Department of Education
Region X – Northern Mindanao
SCHOOLS DIVISION OF LANA DEL NORTE



DIVISION MEMORANDUM
NO. 518 S. 2025

DIVISION SCIENCE AND TECHNOLOGY FAIR (DSTF 2025)

To: Assistant Schools Division Superintendent
Chief ES, Curriculum Implementation Division
Public Schools District Supervisors and District In-Charge
Public Secondary School Heads and Private Secondary School Heads
All Others Concerned

1. Advancement in the various fields accentuated by technology is the forefront in navigating the education landscape. This has magnified the role of science and researchers in providing specific and effective solutions in global issues and challenges.
2. The Department of Education (Deped) through the Curriculum Implementation Division (CID), announces the conduct of the 2025 Division Science and Technology Fair (DSTF) on October 3, 2025 at 21st CLEM, Lanao del Norte National Comprehensive High School. This Year's theme is "**Harnessing the Unknown: Powering the Future Through Science and Innovation**".
3. DSTF continues to empower the youth and cultivate innovation, and creativity amid the changing world. It also aims to showcase the competence of the learners in addressing community problems for sustainable development and to maximize their potential being inquisitive and creative in dealing with real-life problems.
4. The Division Science and Technology Fair will showcase the following events and competitions:
 - a. **TUKLAS** Research Project - A complete Project Research Competition
 - b. **StemTOKPERIMENTS**-A tiktok Science Competition
 - c. **Poster Making Contest**
 - d. **Slogan Making Contest**
5. In preparation for the Division Science and Technology Fair, all Technical Working Group/ Facilitators will attend the Pre-Work activity on September 26, 2025.
6. All expenses incurred during the 2025 DSTF shall be charged to School MOOE/Local Funds/Canteen Funds and other Source of Funds while medals, Technical Working Committee/Board of Judges meals and other materials shall be charged to Division MOOE/ Local Funds subject to the usual accounting, auditing rules and regulations.



Address: Pigcarangan, Tubod, Lanao del Norte
Telephone Nos.: (063) 227-6150
Email Address : lanao.norte@deped.gov.ph
Website: <https://depedldn.com>

7. The documents below are enclosed for the information and guidance of all concerned.

Enclosure No. 1	Tuklas Research Project Mechanics and Criteria
Enclosure No. 2	StemTOKPERIMENTS Mechanics and Criteria
Enclosure No. 3	Poster and Slogan Contest Mechanics and Criteria

8. The following are the schedule of activities:
September 25,2025 - Submission of Research Project Entries via email.add
rowena.lontayao001@deped.gov.ph
September 29,2025 – Submit the StemTOKPERIMENTS video via email add
rowena.lontayao001@deped.gov.ph
9. All Division Scientific Research Committee must be present during the DSTF 2025.
10. Immediate and wide dissemination of this Memorandum is desired.

EDWIN R. MARIBOJOC EdD, CESO V
Schools Division Superintendent

Encl.: As stated (paragraph 7)
Reference:
To be indicated in the Perpetual Index
under the following subjects

CURRICULUM SCIENCE AND TECHNOLOGY FAIR RESEARCH PROJECT

CID EPS/ wena



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TUKLAS RESEARCH PROJECT FAIR

1. All Public and Private participating Schools shall prepare the Research Project Fair (JHS and SHS) with the NSTF theme: “**Harnessing the Unknown: Powering the Future Through Science and Innovation**”. It foster innovation and driving sustainable development that showcase solutions, promoting collaboration, and inspiring future generation to embrace Science Innovation
2. If all projects are approved by the division level SRC, they become the official entries for the the DSTF Tuklas Research Project, however, substitutes are not allowed. The descriptions and the maximum number of officials are the following:

Official Participants per category TEAM COMPETITION	Maximum Number of Participants per category		TOTAL
	Junior/Senior High School		
	Participants	Coach	
LIFE SCIENCE CATEGORY	3	1	4
PHYSICAL CATEGORY	3	1	4
ROBOTICS AND INTELLIGENT MACHINES CATEGORY	3	1	4
SCIENCE INNOVATION EXPO	3	1	4
MATHEMATICS AND COMPUTATIONAL SCIENCES	3	1	4

Official Participants per category INDIVIDUAL COMPETITION	Maximum Number of Participants per category		TOTAL
	Junior/Senior High School		
	Participants	Coach	
LIFE SCIENCE CATEGORY	1	1	2
PHYSICAL CATEGORY	1	1	2
ROBOTICS AND INTELLIGENT MACHINES CATEGORY	1	1	2
SCIENCE INNOVATION EXPO	1	1	2
MATHEMATICS AND COMPUTATIONAL SCIENCES	1	1	2

The following are the forms and manuscript to be submitted ;

1. RESEARCH PLAN
2. FORMS for all Projects
 - a) Checklist for all the Adults Sponsor
 - b) Student Checklist (1A)
 - c) Research Plan NOTE:
 - d) Approval Form (1B)
3. FORMS depending on the type of research (e.g involving human, vertebrae, animals, hazardous chemical etc.)
 - A. Qualified Scientist Form (2)
 - B. Risk Assessment Form (3)
 - C. Human Participants Form (4)
 - D. Human Informed Consent Form
 - E. Vertebrae Animal Form (5A)

- F. Vertebrae Animal Form (5B)
- G. Potentially Hazardous Biological Agents Risk Assessment Form (6A)
- H. Continuation Project Form (7)

4. Abstract (Maximum of 250 Words)

The abstract shall include the following:

- A. Purpose of the experiment
- B. Procedure
- C. Data Conclusion

The abstract may NOT include the following:

- a. Acknowledgement
- b. Work of procedure done by the mentor

5. Research Paper (Include the Title Page , Abstract , Main Body , and References)

6. Scanned Copy of the logbook

Judging Criteria

RESEARCH PROJECT

Creative Ability	-30%
Scientific Thought	-30%
Thoroughness	-15%
Skill	- 15%
Clarity	- 10%
TOTAL	100%

ORAL PRESENTATION

Originality and Innovation	-20%
Technical/Scientific Merit	-20%
Community Connection and Impact	-20%
Excellence of Method	-20%
Presentation	-20%
TOTAL	100%

DIVISION SCIENTIFIC RESEARCH COMMITTEE

CHAIRMAN	ROWENA E. LONTAYAO-EPS
VICE-CHAIRMAN	ANISAH A. SINAL – Principal 3
MEMBERS:	HELEN C. TORRES-Principal 2
	RACQUEL J. CABUSAS-District In-Charged
	RICHELE ALBA-Principal 2
	DANILO C. ANTICAMARA-Principal 1
	CHARLYN A. AYING– Maigo NHS
	IVAN C. BELNAS-LNNCHS
	CLIFTON C. DUAVIS- Marcela T. Mabanta NHS

FACILITATORS/TWG

- | | |
|--------------------------|------------------------|
| 1. Steaven Kint Boizer | 5. Ivy Lynette Sayson |
| 2. Daison Anthony Monter | 6. Emma Francisco |
| 3. Albert Puertos | 7. Chriza Faith Manosa |
| 4. Hanifah Calandada | 8. Elizardo Cabo |

#STEMTOKPERIMENTS- A TIKTOK SCIENCE EXPERIMENT COMPETITION MECHANICS

1. This competition is open to all Junior and Senior High School Grade 7-12 students from both Public and Private Schools.
2. The video should feature only one (1) TikTok user.
3. The participant/s must design an experiment proving or applying a scientific concept, theory or law in a cheerful, lively and creative manner through a TikTok video that is not more than one (1) minute.
4. The participant can explain the topic/concept in English or Filipino.
5. The TikTok Video must use the hashtags # STEMTOKPERIMENTS and # DSTF_SCHOOL- 2025 LANA O DEL NORTE in uploading the video entry in Tiktok.
1. All contents and audio in the Tiktok video must be original and are owned by the participant/s. All creative visual tools such as animations, simulations, physical demonstrations, or visual aids are allowed. The contestant will be held accountable to any issues that may arise with regard to the originality and accuracy of the content.
2. The following TikTok video format are highly recommended:
File Size: The video should be up to 287.6 MB in size for iOS, or 72 MB on Android.
Orientation: TikTok is formatted to be viewed on a smartphone, so vertical video is best.
Dimension : TikTok Video dimension should be 1080 x 1920.
Aspect Ratio: The aspect ratio should be that of a standard smartphone screen, 9:16,1;1 is also possible, but it will not take up the whole screen.
File Type: TikTok Supports mp4 and mov files.
3. Entries must be submitted in email address: rowena.lontayao001@deped.gov.ph following this subject format "STEMTOKPERIMENTS_SCHOOL_TITLE"
4. Deped NSTF National Technical Working Committee reserves the right to remove ,reject ,disqualify any entry if it: a). violates the term of service and privacy policy of TikTok; and b) infringes misappropriate ,or violates any rights of any third party including , without limitation, patent, copy right, trademark or right of privacy or publicity.

CRITERIA	TWGs/Facilitators
Originality and Creativity -30% <ul style="list-style-type: none">• Video is original, creative and unique	<ol style="list-style-type: none">1. Saul Bigontes2. Venus Sabas3. Ivan C. Belnas4. Saul Bigontes
Delivery/Execution -30% <ul style="list-style-type: none">• Delivery is well planned with smooth transitions and edits• Ideas are very organized and easily understood• All sound and visual elements coincide with the video's content	
Accuracy of Content -40% <ul style="list-style-type: none">• All information being delivered is accurate and relevant.	

POSTER MAKING CONTEST GUIDELINES AND MECHANICS

1. Contest Categories:
Elementary (Grade 3-6) School level
Secondary (Grade 7-12) School Level and Division Level
2. Participants must create a poster that emphasizes the NSTF 2025 theme: “**Harnessing the Unknown: Powering the Future Through Science and Innovation**”.
3. Materials and Specifications:
 - The poster must be created in a ¼ size illustration board.
 - Only oil pastels are allowed for coloring.
 - Participants must bring their own illustration board and oil pastels.
 - The poster must not contain any text or wordings.
 - No borders should be included on the poster.
4. Time allotment and Accountability:
5.
 - Participants will be given one (1) hour and thirty (30) minutes to complete their posters
 - Participants are responsible for ensuring that their designs are original and authentic. Any issues regarding plagiarism or duplication will be the participant's responsibility.
6. Judging Criteria:

CRITERIA		TWGs/Facilitators
Creativity and Presentation	- 40%	1. Heidie B. Curambao 2. Novah Cabo 3. Ethel Abroquena
Originality	-30%	
Relevance to the theme	-30%	
TOTAL	100%	

SLOGAN MAKING CONTEST GUIDELINES AND MECHANICS

1. Contest Categories:
Elementary (Grade 3-6) School level
Secondary (Grade 7-12) School Level and Division Level
2. Theme: “**Harnessing the Unknown: Powering the Future Through Science and Innovation**”.
3. Materials and Specifications:
 - The poster must be created in a ¼ size illustration board.
 - Only a black broad-tipped pilot pen (Pentel pen) is allowed for writing.
 - Participants are required to provide their own illustration board and black-pilot pen.
4. Time allotment and Accountability:
 - Participants will be given one (1) hour and thirty (30) minutes to complete their posters
 - Participants are responsible for ensuring that their designs are original and authentic. Any issues regarding plagiarism or duplication will be the participant's responsibility.
5. Judging Criteria: The posters will be evaluated based on the following criteria:
- 6.

CRITERIA		TWGs/Facilitators
Creativity and Presentation	- 25%	1. Aileene B. Dadula 2. Charity Apiong 3. Mercelie Rebuta
Originality	-30%	
Relevance to the theme	-30%	
Impact	- 15%	
TOTAL	100%	