



Republic of the Philippines  
**Department of Education**  
REGION XI  
SCHOOLS DIVISION OF DAVAO DEL NORTE

*Office of the Schools Division Superintendent*

February 13, 2025,

**DIVISION MEMORANDUM**

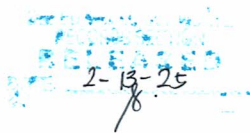
No. 0042, s. 2025

**2025 DIVISION FESTIVAL OF TALENTS: SCIENCE QUEST  
GUIDELINES AND COMMITTEES**

To: Janette G. Veloso, CESO VI - Assistant Schools Division Superintendent  
Eduard C. Amoguis, EdD - Chief, Curriculum Implementation Division (CID)  
Education Program Supervisors  
Public Schools District Supervisors

1. In reference to the Division Memorandum No. CID-2025 -0157, the Division Festival of Talents will be conducted on March 5, 2025, to be hosted by Kapalong West District at Luna Elementary School. For Science Learning Area, attached herewith are the guidelines on the events to be contested.
2. Travel and other incidental expenses shall be charged against local funds/MOOE, all subject to accounting and auditing rules and regulations.
3. In conducting the different DepEd Programs, Projects and Activities (PPA's), the Equal Opportunities Principle (EOP) and strict safety and healthy protocols shall be observed at all times.
4. Immediate dissemination of this memorandum is desired.

  
**REYNALDO B. MELLORIDA, CESO V**  
Schools Division Superintendent



CID/eghl



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Enclosure to DM No. 0042, s. 2025

**2025 DIVISION FESTIVAL OF TALENTS: SCIENCE QUEST**

1. The venue of the 2025 Division Science Quest will be at Luna Elementary School.
2. All the top one (1) winner from the districts are the participants to the events.
3. The submission of the SIP will be on March 5, 2025 at the venue.
4. All contestants, coaches and coordinators should register in the Google Sheet provided.
5. All coaches of different events are not allowed to enter the event area while the contest is on-going. Only the judges, facilitators and officials are allowed inside the event area.
6. A contestant can qualify for only one (1) contest event.
7. Only AGHAMazing event has regional and national level while SIP events were only for the division level. For AGHAMazing, same guidelines will be followed from STEMazing , it was just renamed event.

**I. EVENTS:**

**A. STEMAZING – (SECONDARY LEVEL)**

**Implementing Guidelines on STEMAzing**

The category, mode of delivery, number of learner-participants and teacher-coaches, and time allotment for STEMAZING per region are the following:

Category	Mode of Delivery	No. of Learner-Participant	No. of Teacher-Coach	Time Allotment
STEM Processes and Practices Exhibition	in-person	3	1	3 hours
<b>Total</b>		<b>3</b>	<b>1</b>	





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## STEMAZING

(A Showcase of Science, Technological, and Mathematical Outputs)



<b>COMPONENT AREA</b>	<b>Science, Technology, and Mathematics</b>	
<b>KEY STAGE</b>	Key Stage Three (3): Grades 7 to 10; Key Stage Four (4): Grades 11 to 12	
<b>EVENT TITLE</b>	<b>STEM Processes and Practices Exhibition</b>	
<b>NO. OF PARTICIPANT/S</b>	A team composed of three (3) learner-participants per region	
<b>TIME ALLOTMENT</b>	3 Hours (Creation of Outputs) 1 Minute Presentation, About 5 Minute Q and A	
<b>PERFORMANCE STANDARD</b>	Obtain scientific and technological information from varied sources about global issues that have impact on the country. Acquire scientific attitudes that will allow them to innovate and/or create products useful to the community or country. Process information to get relevant data for a problem at hand	
<b>21<sup>ST</sup> CENTURY SKILL/S</b>	Critical thinking, Communication skills, Creativity, Problem solving, Collaboration. Information literacy, Technology skills and digital literacy.	
<b>CREATIVE INDUSTRIES DOMAIN</b>	Creative Services	
<b>DESCRIPTION</b>	<p><b>STEM Processes and Practices Exhibition</b> is an NFOT event category of STEMAZING that allows learner-participants to apply science and mathematics thinking skills to solve problems that have local, national, and global impact. It allows them to become problem solvers by addressing social, scientific, and environmental issues through the application of 21st century skills.</p> <p>In this activity, participants will be presenting oral and written proposed solution to a given scenario.</p>	
<b>CRITERIA FOR PRESENTATION</b>	<b>Criteria</b>	<b>Percentage</b>
	<b>Written Proposal</b>	
	Content/Organization/Thematic Relevance (Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution)	50%
	Relevance of data used	20%
	<b>Oral Presentation</b>	
	Discussion/Arguments/Delivery (Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution)	20%
	Relevance of data used	10%
	<b>Total</b>	<b>100%</b>





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**EVENT RULES AND MECHANICS**

**General Guidelines**

1. The showcase shall consist of proposal writing and One-Minute Presentation. The teams shall develop and present their proposal to the panel of judges of their solution about a real-world problem/scenario of local or global importance. The situation containing the problem shall be given on-site during the showcase.
2. The participants are given 3 hours to conceptualize and prepare their written description of the proposed solution for the oral presentation. All entries submitted shall not bear any markings that identify their regions. The participants may use the internet and other printed resources in developing their written solution, however, the teams are not allowed to confer with their coaches while the activity is on – going. Any form of communication between the participants and other parties (coach, parents, classmates, teachers, etc.) shall warrant automatic disqualification.
3. The proposed solution shall have the following components:
  - Title
  - Summary (100 – 200 Words)
  - Background and Problem (200 – 300 Words)  
*(Describe the challenges and how the proposed solution addresses the problem presented. Scientific Principles and Technology applicable to the resolution of the problem.)*
  - Beneficiaries
  - Proposed Solution to the Problem Presented (300 – 500 words)
  - Methods/Details of the proposed solution including the Cost - Analysis as applicable.
  - Include illustrations, figures, and charts.
  - References: May use any format as long as consistency is observed
4. The teams shall encode their proposals in word processing software, double-spaced using Bookman Old style font size eleven set in A4 size paper. Margins shall be 1 inch on all sides of the paper. Within the 3 hours, the teams shall submit their outputs (electronic copy) to the facilitators.
5. The proposals shall be subjected to a plagiarism check. Any proposals which exceed 15% similarity index (uncited) shall be deducted 2 points from the total score for every percent in excess. However, cited references shall be excluded from the 15% tolerance.
6. The submitted proposals shall be evaluated by the assessors before the oral presentation.
7. A timer board shall be shown to the public as well as to the participants.



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8. At the end of one minute, a buzzer shall signal that the time for presentation is up and the participants shall immediately stop presenting.
9. After the presentation, the assessors will ask questions for clarifications.

**RESOURCE REQUIREMENTS**

	<b>Participants</b>	<b>Host School / Venue</b>	<b>Host Division / Region</b>
<b>Attire</b>	- NFOT T-shirt or Plain White Shirt (Finalized on the day before the competition)		
<b>Tools and Equipment</b>	- Computer / Laptop / - Notebook / books and other printed resources, pocket Wi-Fi	- Timer - 2 multimedia projectors, - Printer - fast internet connection, - Sound System - Adequate electrical outlets, extension cords	- plagiarism checker
<b>Physical Facilities</b>		- Hall with stage, one holding room,	
<b>Others</b>		- 2 reams Bond paper A4	- Utility expenses

**B. SCIENCE INVESTIGATORY PROJECT (SIP) – ELEMENTARY LEVEL**

a. Raters will be guided by the following criteria:

- Creativity	30%
- Scientific Thought & Emerging Ideas	30%
- Thoroughness	15%
- Skill	15%
- Clarity	10%
<b>TOTAL</b>	<b>100%</b>





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**II. MEMBERS OF THE DIVISION WORKING TEAM**

**EXECUTIVE COMMITTEE (EXECOM)**

Honorary Chair: Dr. Reynaldo B. Mellorida , CESO V- Schools Division Superintendent  
Vice Chairperson: Dr. Eduard C. Amoguis - Chief – CID  
Members: Dr. Evelyn Grace Labasan - EPS –Science  
Mr. Justo A. Villaber - Principal IV – Luna Elementary School  
Mrs. Reynaly G. Santos- Principal IV/ DCP – Kapalong West

Chairman: Dr. Evelyn Grace Labasan - EPS  
Co- Chair: Mr. Justo A. Villaber – Science Adviser

**EVENT FACILITATORS:**

**A. AGHAMazing**

Chair: Dr. Grace Desonia – Maniki CESSC, Kapalong East District  
Co-Chair: Mrs. Joy Darunday – New Sambog ES, New Corella District  
Facilitators: Dr. Melchor Alamis - Dujali NHS, B.E. Dujali District  
Suzette Villarino - Sto. Tomas NHS, Sto. Tomas West District  
Arlene T. Agunod – Carmen NHS, Carmen District  
ICT: Rizza May G.Peralta – Asuncion NHS  
Maricel Timbal – Kapalong NHS

**B. SIP- LIFE ( Individual & Team)**

Chair: Mrs. Erlyn Maldo – Butay IS, Talaingod District -  
Co-Chair: Mrs. Cristine Paulican – DJAL MNHS, Talaingod District  
Facilitators: Mrs. Vanessa Joy Toriales – Kapalong NHS, Kapalong West  
Mrs. Charish G. Catungal – Tulalian NHS , Sto. Tomas West

**SIP- PHYSICAL ( Individual & Team)**

Chair: Mr. Ave Ramos – Benigno Q. Martir NHS, Langilant District  
Co-Chair: Mrs. Rhoda N. Rosete – Sto. Nino NHS, Talaingod District  
Facilitators: Mrs. Rhodalyn Bacote – Sawata NHS, San Isidro District  
Mrs. Salome Dapat – AV Fruto NHS, B.E. Dujali

\*Mrs. Jesninieta Dolormente - Sto. Tomas NHS, STW District  
\*Mrs. Helen Grace Bandalan – Sawata NHS, San Isidro District  
\*Mrs Karen Grace S. Manaay – New Corella NHS, New Corella  
\*Mrs. Sarah Jane Bain = Anibongan NHS, Carmen District  
\*Mrs. Zennifer Otig – Asuncion NHS, Asuncion District  
\*Ms. Wilma Alarcon – Sto. Tomas NHS, STW District

**C. DOCUMENTATION IN-CHARGE, PROGRAM. STAGE PREPARATION: Host District-**

Chair: Mrs. Ruby Jean P. Rebote – , Kapalong West  
Member: Mrs. Anivic Manile – Semong , Kapalong West



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**COMMITTEES**

- Chair – Registration: Dr. Jubie S. Nardo – Dujali CES, BE Dujali  
Member: Mrs. Maricel Celi, Nafco CES, Sto. Tomas East
- Chair- Tabulation: Mrs. Cristine M. Calumba, Maniki CESSC, Kapalong East  
Mr. Jaysyl Dubalan, Benigno Q Martir NHS, Langilan  
Mrs. Benny Rose Sarona – Cabadiangan IS, Talaingod
- Chair – Awards : Dr. Liza F. Carpina – Sto. Tomas CESSC, Sto. Tomas West  
Mrs. Maricel Angeles – Mesaoy ES, New Corella  
Mrs. Zerlyn Ruth U Solis, Kimamon NHS, Sto. Tomas East
- Chair: Certificates: Mrs. Aileen Theresa S. Carungay , Carmen CESSC, Carmen  
Mrs. Melona Pongase – Linao ES, San Isidro  
Mrs. Bernadelyn Perez – Sto. Nino CES, Talaingod
- Chair – Food: Mrs. Janeth Madulara – Magatos IS, Asuncion  
Mrs. Rhea Gretchen Damian- Gupitan IS, Langilan  
Mrs. Ruby Jean P. Rebote – Tiburcia ES, Kapalong West  
Mrs. Anivic Manile – Semong NHS, Kapalong West