



Republic of the Philippines
Department of Education
REGION V - BICOL

SCHOOLS DIVISION OFFICE OF CATANDUANES

27 MARCH 2024

DIVISION MEMORANDUM
OSDS-CID-DM- 187 S. 2024

**DIVISION STEMAZING CONTEST (A Competition of Science, Technological,
and Mathematical Outputs)**

To: Chief Education Supervisor, CID
Education Program Supervisors, (Science and Math)
Public Schools District Supervisors/In-Charge of the Districts
Secondary School Heads
All Others Concerned

1. Pursuant to Regional Memorandum No. 353 s. 2024, re: 2024 Regional Festival of Talents, this Office through the Curriculum Implementation Division, shall conduct the Division Festival of Talents with the theme, "Galing, Talino at Husay ng mga Batang Makabansa sa Diwa ng MATATAG na Adhika" to be hosted by SDO Sorsogon Province on May 16-18, 2024 inclusive of travel time. One of the contests included in this activity is STEMAZING (A Competition of Science, Technological, and Mathematical Outputs).
2. The contest is open to JHS and SHS students enrolled in public schools. Each entry must be team of three (3) participants either JHS, SHS or a combination with one coach. There will only be **one entry** for every interested school.
3. Attached is the specific guidelines for the STEMAZING Contest for your reference.
4. Interested participants in the school shall accomplish the attached confirmation slip and submit to the concerned EPS on or before April 24, 2024 at the CID office or you may opt to submit online through this email address: ninogerard.ceneta@deped.gov.ph
5. All entries will be judged anchored on the given criteria on **April 27, 2024** in a venue to be announced later. The decision of the board of judges is final and irrevocable. A division bulletin will be issued to announce the winners. First place



San Roque, Virac, Catanduanes

052-8114063

catanduanes@deped.gov.ph

www.depedrovcatanduanes.com / www.catanduanes.deped.gov.ph

winner/s together with the official coach will represent the division in the 2024 Regional Festival of Talents.

6. Travelling expenses and other incidental expenses of the participants shall be charged to the school MOOE/local funds subject to the usual accounting and auditing rules and regulations. Likewise, service credits/compensatory time off (CTO) will be given to the participants considering that the schedule of the contest falls on a Saturday.

7. For immediate dissemination, information, and guidance of all concerned.


SOCORRO V. DELA ROSA, CESO V
Schools Division Superintendent

Encl.:
References:
To be indicated in the Perpetual Index
Under the following subjects:

NGC/DIVISION STEMazing CONTEST (A COMPETITION OF SCIENCE, TECHNOLOGICAL, AND MATHEMATICAL OUTPUTS)
March 27, 2024



STEMAZING

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

A. Mechanics and Guidelines

COMPONENT AREA	Science, Technology, and Mathematics																		
KEY STAGE	Key Stage Three (3): Grades 7 to 10; Key Stage Four (4): Grades 11 to 12																		
EVENT TITLE	STEM Processes and Practices Exhibition (STEMazing)																		
NO. OF PARTICIPANT/S	A team composed of two to three (3) learner-participants per division																		
TIME ALLOTMENT	3 Hours (Creation of Outputs) 1 Minute Presentation, About 5 Minutes Q and A																		
PERFORMANCE STANDARD	Obtain scientific and technological information from varied sources about global issues that have an 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																		
21ST CENTURY SKILL/S	Critical thinking, Communication skills, Creativity, Problem-solving, Collaboration. Information literacy, Technology and Engineering skills, and digital literacy.																		
CREATIVE INDUSTRIES DOMAIN	Technology and Engineering																		
DESCRIPTION	<p>STEM Processes and Practices Exhibition 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 STEM and 21st-century skills.</p> <p>In this activity, participants will be presenting oral and written proposed solutions to a given scenario.</p>																		
CRITERIA FOR PRESENTATION	<table border="1"> <thead> <tr> <th>Criteria</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td colspan="2">Written Proposal</td> </tr> <tr> <td>Content/Organization/Thematic Relevance</td> <td rowspan="3">50%</td> </tr> <tr> <td>Content - 25%</td> </tr> <tr> <td>Organization - 10%</td> </tr> <tr> <td>Feasibility of the proposed solution - 15%</td> <td rowspan="2">15 %</td> </tr> <tr> <td>(Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution)</td> </tr> <tr> <td>Relevance of data used</td> <td>15 %</td> </tr> <tr> <td colspan="2">Oral Presentation</td> </tr> <tr> <td>Discussion/Arguments/Delivery</td> <td>20%</td> </tr> </tbody> </table>		Criteria	Percentage	Written Proposal		Content/Organization/Thematic Relevance	50%	Content - 25%	Organization - 10%	Feasibility of the proposed solution - 15%	15 %	(Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution)	Relevance of data used	15 %	Oral Presentation		Discussion/Arguments/Delivery	20%
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	Ability to answer the questions	15%
	Total	100%

EVENT RULES AND MECHANICS

General Guidelines

1. The competition 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 divisions. 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 proposal 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.

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.
10. The participants will be ranked based on the combined scores in the written and the oral presentation where the highest scorer will be ranked first and so on.

RESOURCE REQUIREMENTS

	Participants	Host School / Venue	Host Division / Region
Attire	- School Uniform		
Tools and Equipment	- 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
Physical Facilities		- Hall with stage, one holding room,	
Others		- 2 reams Bond paper A4	- Utility expenses

STEMAZING CONTEST Confirmation Slip

Name of School: _____

Name of School Head: _____

Name of Contestants and Grade Level: _____

Name of Coach: _____

Contact Number: _____

Email Address: _____

Prepared and submitted by:

Name and Signature of the Coach

Noted:

Name and signature of the school head