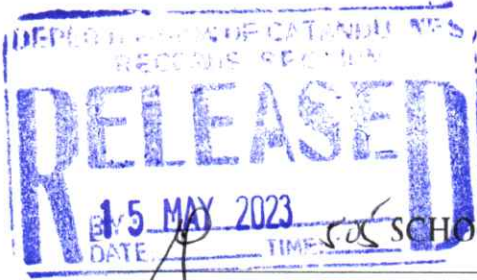




Republic of the Philippines  
Department of Education  
REGION V  
SCHOOLS DIVISION OFFICE OF CATANDUANES



15 May 2023

DIVISION MEMORANDUM  
OSDS-CID-DM- 187 S. 2023

**DIVISION STEMazing CONTEST**  
**(A Showcase of Science, Technological, and Mathematical Outputs)**

To: Public Schools District Supervisors  
Public and Private Secondary School Heads  
Education Program Supervisors (Science and Math)  
All Others Concerned

1. Pursuant to Regional Memorandum No. 90 s. 2023, re: 2023 Regional Festival of Talents, this Office through the Curriculum Implementation Division, shall conduct the Division Festival of Talents with the theme, **Reinforcing 21<sup>st</sup> Century Learning and Fostering Creative Industries Through Talents and Skills Exhibition**. One of the contests included in this activity is **STEMazing** (A Showcase of Science, Technological, and Mathematical Outputs).
2. The contest is open to JHS and SHS students enrolled in public, private schools, and ALS. Each entry must be team of three (3) participants with one (1) coach. There will only be one entry for every interested school.
3. Attached is Enclosure No. 1 of the above-stated regional memorandum containing the specific guidelines for the STEMazing Contest.
4. Interested participants in the school shall accomplish the attached confirmation slip and submit to the concerned EPS on or before **May 29, 2023** at the CID office or you may opt to submit online through this email address: **jezrahel.omadto@deped.gov.ph**
5. All entries will be judged anchored on the given criteria on **June 3, 2023** at the Gabaldon Building, Virac Pilot Elementary School, Virac, Catanduanes. The decision of the board of judges is final and irrevocable. A division bulletin will be issued to declare the winners. First place winners will represent the division in the 2023 Regional Festival of Talents on **June 16-18, 2023** with SDO Albay as the host.
6. All incidental expenses incurred relative to this activity may be charged to school's MOOE/local funds subject to the usual accounting and auditing rules and regulations. Likewise, service credits/compensatory overtime credit (COC) will be given to participants.
7. For immediate dissemination, information, and guidance of all concerned.

  
**SOCORRO V. DELA ROSA**  
Schools Division Superintendent



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## 2023 REGIONAL STEMazing

(A Showcase of Scientific, Technological and Mathematical Outputs)

### A. MECHANICS AND GUIDELINES

<b>COMPONENT AREA</b>	<b>Science, Technology and Mathematics</b>	
<b>GRADE LEVEL</b>	Junior to Senior High School enrolled in Public, Private schools, and ALS	
<b>EVENT TITLE</b>	STEMazing- STEM Amazing	
<b>NO. OF PARTICIPANTS</b>	For each division, Team of 3 Participants, 1 Coach, Supervisors	
<b>TIME ALLOTMENT</b>	3 Hours (Creation of Outputs), 1 Minute Presentation each team (13 Minutes), About 5 Minute Q and A each team (1 hour 5 Minutes)	
<b>KEY STAGE 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 Skills</b>	Critical thinking Communication skills Creativity Problem solving Collaboration Information literacy Technology skills and digital literacy Global awareness Social responsibility Innovation skills Thinking skills	
<b>Creative Industry Domain</b>	Creative Services	
<b>DESCRIPTION</b>	The showcase enables learners to apply science, technology, engineering and mathematics thinking skills to solve problems that have local, national, and global impact. It allows the participants to become problem solvers by addressing social, scientific, and environmental issues through the application of 21st century skills. In this activity, the participants will be presenting oral and written proposed solution to a given scenario.	
<b>CRITERIA FOR ASSESSMENT</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>	
	Delivery	10%
	Discussion/Argument (Q and A)	20 %

	(Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution)	
	<b>TOTAL</b>	100 %

**I. 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 division. 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 twelve 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. A buzzer shall signal that the time for presentation is up, the participants shall immediately stop presenting. At the end of one



minute, the microphone shall be turned off and the participants will be advised to stop.

9. After the presentation, the assessors will ask questions for clarifications.

## II. Resource Requirements

	Participants	Host School/Venue	Host Division
<b>Attire</b>	School Uniform		
<b>Tools and Equipment</b>	Computer/ Laptop/ Notebook/ books and other printed resources, pocket Wi-Fi; Printer; extension cords	Timer, 2 multimedia projectors, fast internet connection, Sound System, Adequate electrical outlets; 15 tables (1 per team; 1 facis, 1 judges)	- plagiarism checker
<b>Physical Facilities</b>		Hall with stage, one holding room,	
<b>Others</b>		2 reams Bond paper A4 (c/o RO)	Utility expenses

## II. Working Committees

### Contest Facilitators

Chairman:	Ronaldo C. Reyes	EPS, Tabaco
Members:	Jezrahel T. Omadto Michelle M. Losañez Rhea SB Samino Darcy Guy Y. Mañebo	EPS, Catanduanes EPS, Legazpi EPS, Naga City EPS, Cam Norte
Timer:	Jocelyn P. Navera Niño Gerard Ceneta	EPS, Ligao City EPS, Catanduanes
Snacks:	Manuel Luis Teodoro Emily B. Esmabe	EPS, Masbate Province EPS, Camarines Sur
Facilities, Tools and Equipment		
Chairman:	Jade Alberto	EPS, Albay
Members:	(Host School)	
Results:	Loyd H. Botor Charles Asagra	EPS, ROV EPS, ROV
Judges, Certificates and Over-All Look-See:	Chozara P. Duroy	EPS, ROV



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**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**

