



Republic of the Philippines
Department of Education
Region VII – Central Visayas
Schools Division of CEBU PROVINCE

Office of the Schools Division Superintendent

May 30, 2023


DIVISION MEMORANDUM

No. 177, s. 2023

**GAD-COMPLIANT DIVISION FESTIVAL OF TALENTS-SCIENCE 2023
“STEMAZING-STEM-AMAZING COMPETITION”**

To: Assistant Schools Division Superintendents
Division Chiefs/Supervisors/Coordinators/Specialists/Section
Heads Public Schools District Supervisors/School Heads
All Others Concerned

1. This Office announces the conduct of the **GAD-Compliant Division Festival of Talents-Science 2023 “STEMazing-STEM Amazing Competition”** on June 05, 2023 at Kamagaong Hall, Ecotech Center, Sudlon, Lahug, Cebu City. This is in line with the theme “Reinforcing 21st Century Learning and Fostering Creative Industries through Talents and Skills Exhibit”. However, the conduct of this first division level activity will adopt a contextualized guidelines for this year’s competition but still aligned to the National STEMazing Contest. (attached is the contextualized guidelines)
2. The showcase enables learners to:
 - 2.1 apply science, technology, engineering, and mathematics thinking skills to solve problems that have local, national, and global impacts;
 - 2.2 become problem solvers by addressing social, scientific, and environmental issues through the application of 21st-century skills; and
 - 2.3 present the oral and written proposed solutions to a given scenario.
3. Participants to attend of this activity are the 3 contestants and 1 coach/ STEM SHS Municipality winner, Municipal Lead Secondary Science Coordinators, TWG, and EPVRs-Science, Math and Division SHS Coordinator.
4. Expenses relative to the conduct of this activity in the division level such as honorarium for the Resource Persons/Judges shall be charged against the MTAP Funds, while the food, venue, LCD Projectors will be charged to the Division MOOE while the travel, food and other incidental expenses of the participants are chargeable to School MOOE/ Funds or any available funds, subject to the usual accounting and auditing rules and regulations.
5. This Memorandum serves as **Travel Authority** of the participants.
6. Immediate dissemination of and compliance with this memorandum is directed.


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Schools Division Superintendent



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GAD-Compliant DFOT-Science 2023 “STEMazing-STEM Amazing Competition”

(A Showcase of Scientific, Technological and Mathematical Outputs)

COMPONENT AREA	Science, Technology, Engineering, and Mathematics	
GRADE LEVEL	Senior High School-STEM (Gr.11 STEM Students)	
EVENT TITLE	STEMazing- STEM Amazing	
NO. OF PARTICIPANTS	For each municipality, a Team of 3 Participants, and 1 Coach	
TIME ALLOTMENT	3 Hours (Creation of Outputs), 1 Minute Presentation for each municipality, About 5 Minutes Q and A	
KEY STAGE STANDARD	Obtain scientific and technological information from varied sources about global issues that have an impact in 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 Skills	<ul style="list-style-type: none"> Critical thinking Communication skills Creativity Problem-solving Collaboration Information literacy Technology skills and digital literacy Global Awareness Social responsibility Innovation skills Thinking skills 	
Creative Industry Domain	Creative Services	
DESCRIPTION	<p>The showcase enables learners to apply science, technology, engineering, and mathematics thinking skills to solve problems that have local, national, and global impacts. It allows the participants to become problem solvers by addressing social, scientific, and environmental issues through the application of 21st-century skills.</p> <p>In this activity, the participants will be presenting oral and written proposed solutions to a given scenario.</p>	
CRITERIA FOR ASSESSMENT	Written Proposal	
	Content/Organization/Thematic Relevance (Based on scientific, technological, and other valid assumptions, the Feasibility of the proposed solution)	50 %
	Relevance of data used	20 %

Oral Presentation	
Delivery	10%
Discussion/Argument (Q and A) (Based on scientific, technological, and other valid assumptions, the Feasibility of the proposed solution)	20 %
TOTAL	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 to 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 district/ municipality. 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 ongoing. 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 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.
8. A buzzer shall signal that the time for presentation is up, and 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 clarification.

II. Resource Requirements

	Participants	Host School/Venue	Host Division/Region
Attire	Plain White T-shirt paired with black pants		-
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