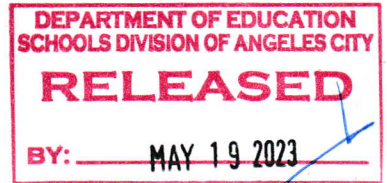




Republic of the Philippines  
**Department of Education**  
Region III  
Schools Division of Angeles City





18 May 2023

DIVISION MEMORANDUM  
No. 171 s. 2023

**2023 DIVISION FESTIVAL OF TALENTS – STEMazing**

To: Assistant Schools Division Superintendent  
OIC-Chief, Curriculum Implementation Division  
Education Program Supervisor Science  
Public Schools District Supervisors  
Heads of Public Secondary Schools

1. This is to announce the conduct of the 2023 Division Festival of Talents STEMazing on May 26, 2023 (face to face) at the Learning and Development Room, Division Office Angeles City.
2. The activity aims to identify the most creative/innovative and the best student researchers who will represent the Division in the Regional Festival of Talents -STEMazing contest.
3. The participants in this activity are Junior and Senior High School students. Participants must bring a printer, laptop, bond papers (A4) extension cords, notebook, books, other printed resources, and pocket wifi.
4. All expenses relative to the conduct of the activity shall be charged against DFOT Funds subject to the usual accounting and auditing rules and regulations.
5. For other queries or clarifications regarding the conduct of the activity, please contact Dr. Gemima A. Estrabillo, Education Program Supervisor in Science of the Curriculum Implementation Division, on this mobile number 09327877249.
6. Immediate and wide dissemination of this Memorandum to all concerned is highly desired.

  
**RONALDO A. POZON PhD, CESO V**  
Schools Division Superintendent 

Encl.: As stated

Reference:

To be indicated in the Perpetual Index  
under the following subjects:

SCIENCE  
CONTESTS  
LEARNING AREA, SCIENCE



**Address:** Jesus Street, Pulungbulu, Angeles City  
**Telephone No.** (045) 322-4101  
**eMail Address:** angeles.city@deped.gov.ph



# STEMAZING

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



COMPONENT	AREA	KEY STAGE	EVENT TITLE	NO. OF PARTICIPANT/S	TIME ALLOTMENT	PERFORMANCE STANDARD	21 <sup>ST</sup> CENTURY SKILL/S	CREATIVE INDUSTRIES DOMAIN	DESCRIPTION	CRITERIA FOR PRESENTATION							
Science, Technology, and Mathematics	Key Stage Three (3); Grades 7 to 10; Key Stage Four (4); Grades 11 to 12	STEM Processes and Practices Exhibition	A team composed of three (3) learner-participants per region	3 Hours (Creation of Outputs)   Minute Presentation, About 5 Minute Q and A	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. Critical thinking, Communication skills, Creativity, Problem solving, Collaboration, Information literacy, Technology skills and digital literacy.	Creative Services	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 21st century skills.	In this activity, participants will be presenting oral and written proposed solution to a given scenario.	<table><tr><th>Criteria</th><th>Percentage</th></tr><tr><td>Written Proposal Content/Organization/Thematic Relevance (Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution) Relevance of data used</td><td>50%</td></tr><tr><td>Oral Presentation Discussion/Arguments/Delivery (Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution) Relevance of data used</td><td>20%</td></tr><tr><td>Total Relevance of data used</td><td>100%</td></tr></table>	Criteria	Percentage	Written Proposal Content/Organization/Thematic Relevance (Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution) Relevance of data used	50%	Oral Presentation Discussion/Arguments/Delivery (Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution) Relevance of data used	20%	Total Relevance of data used	100%
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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.

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.

## 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 and Exhibition	in-person	3	1	3 hours
Total		3	1	