



Republic of the Philippines
Department of Education
Region VI – Western Visayas
SCHOOLS DIVISION OF CAPIZ

April 11, 2024

DIVISION MEMORANDUM

No. **228** s. 2024

STEMazing
(Division Level)

To: OIC, Office of the Assistant Schools Division Superintendent
Chief Education Supervisors
Curriculum Implementation Division
School Governance and Operations Division
Education Program Supervisors
Public Schools District Supervisors
Heads of Public Elementary, Secondary and
Integrated Schools
All Concerned

1. Relative to DepEd Memorandum No. 019, s. 2024 titled 2024 National Festival of Talents (NFOT), this Office, through the Curriculum Implementation Division (CID) will conduct the **Division STEMazing** on **May 4, 2024, 8 A.M.** at **Ivisan National High, Ivisan, Capiz**.
2. This activity will adopt the 2024 NFOT theme “**Galing, Talino, at Husay ng mga Batang Makabansa sa Diwa ng MATATAG na Adhika**”.
3. The guidelines to this activity are found in Enclosure Nos. 1 and 2 of this Memorandum.
4. Food for the judges and guests, certificates, and other expenses relative to the conduct of this activity are chargeable against Division INSET fund. Travel and other allowable expenses of all participants are chargeable against school MOOE funds. All expenses are subject to the usual accounting and auditing rules and regulations.
5. Teaching and non-teaching staff who will render services during the conduct of the Division **STEMazing** will be given service credits / compensatory leave credits for services rendered on Saturdays, Sundays and Holidays. It is understood, however, that these service credits shall be used only to offset absences and not for commutation of leave credits for purpose of monetization. Compensatory time-off is non-cumulative and should be utilized within one year. This is granted pursuant to CSC and DBM Joint Circular No. 2, s. 2004, dated October 2004.



Address: Banica, Roxas City
Contact Number: (036) 6518 456
Email Address: capiz@deped.gov.ph
Website: <https://depedcapiz.ph>



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6. Immediate dissemination of this Memorandum is desired.


MIGUEL MAC D. APOSIN EdD, CESO V
Schools Division Superintendent

Enclosure: As stated

References: DepEd Memorandum No. 019, s. 2024

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

CELEBRATIONS AND FESTIVALS
CONTESTS
LANGUAGE
LEARNERS
PRIZES AND AWARDS
PROGRAMS
SCHOOLS
SECONDARY EDUCATION



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Enclosure No. 1 to Division Memorandum No. **228**, s. 2024

STEMazing
(Division Level)

1. Each district shall have one (1) entry in the Division Level. The district may decide on the schedule of the District *STEMazing* provided that all division entries shall be submitted **on or before April 26, 2024** to the division office through this email address: **andres.quiachon@deped.gov.ph**
2. The following is the composition of the districts and the assigned facilitating school per district:

#	District	Integrated / Secondary Schools	Facilitating School
1	Cuartero	Cuartero National High School Maindang National High School Putian National High School San Antonio National High School	Cuartero NHS
2	Dao	Dao National High School Arturo Jugo National High School Malonoy National High School Luis Escutin National High School	Dao NHS
3	Dumalag	Dumalag Central National High School Concepcion Castro Garcia National High School Dr. Laureano R. Frial Integrated School	Dumalag CNHS
4	Dumarao	Estefania Montemayor National High School Bungsuan National High School Manuel F. Onato National High School Ramon A. Benjamin, Sr. National High School Presentacion Diez Gregorio National High School Aglalana Integrated School Aglanot Integrated School	Estefania Montemayor NHS
5	Ivisan	Ivisan National High School Basiao National High School	Ivisan NHS
6	Jamindan	Jamindan National High School Jagnaya National High School Lucero National High School Macario Delfin Bermejo National High School Manuel Ganzon Advincula Integrated School	Jamindan NHS



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7	Maayon	Maayon National High School Florentina B. Degala National High school Tuburan National High School East Villaflores National High School Duluan Integrated School Guinbualan Integrated School Tapulang Integrated School Canapian Integrated School	Maayon NHS / Florentina B. Degala NHS
8	Mambusao East	Mambusao East National High School David Moises National High School Bula Integrated School	Mambusao East NHS
9	Mambusao West	Mambusao National High School Agkawayan Integrated School	Mambusao NHS
10	Panay	Commissioner Luis R. Asis National High School Felix Balgos National High School Pawa National High School Bago Chiquito Integrated School	Commissioner Luis R. Asis NHS
11	Panitan	Panitan National High School Leodegario D. Deocampo, Sr. National HS Antonio Belo Integrated School Celestino D. Diaz Integrated School Felixberto Dicon Dorado Integrated School Tinigban Integrated School	Panitan NHS
12	Pilar	Marciano M. Patricio National High School Casanayan National High School San Nicolas (Pilar) National High School Dulangan National High School Yating National High School Dayhagan Integrated School Guise Integrated School Sinamongan Integrated School	Marciano M. Patricio NHS / Casanayan NHS
13	Pontevedra	Pontevedra National High School Jose Diva Avelino, Jr. National High School Bailan Integrated School	Pontevedra NHS / Jose Diva Avelino, Jr. NHS
14	Pres. Roxas	Feliciano Yusay Consing National High School Quiajo Integrated School	Feliciano Yusay Consing NHS



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15	Sapian	Sapian National High School Ishmael B. Orillos Farm School Bilao Integrated School	Sapian NHS
16	Sigma	Vicente Andaya, Sr. National High School Mianay National High School Calixto Loyola Sr. Integrated School Eleodoro J. Ponsaran IS	Vicente Andaya, Sr. NHS
17	Tapaz East	Col. Patrocinio Artuz National High School Bag-ong Barrio National High School Rev. Tomas Conejar National High School Don Leopoldo Gialogo Integrated School	Col. Patrocinio Artuz National High School
18	Tapaz West	Tapaz National High School Candelaria National High School Roxas Farm School San Nicolas National High School Camburanan National High School	Tapaz NHS
19	Capiz NHS		Judy B. Dunton



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Enclosure No. 2 to Division Memorandum No. _____, s. 2024

GENERAL GUIDELINES

STEMazing

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

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							
Number of Participant/s	A team composed of three (3) learner-participants per school/district							
Time Allotment	3 Hours (Criterion Outputs) 1 Minute Presentation, About 5 Minute Q and A							
Performance Standard	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.							
21 st Century Skill/s	Critical thinking, Communication skills, Creativity, Problem Solving, Collaboration, Information literacy, Technology 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 21st century skills.</p> <p>In this activity, participants will be presenting oral and written proposed solution to a given scenario.</p>							
Criteria for Presentation	<table><tr><th>Criteria</th><th>Percentage</th></tr><tr><td>Written Proposal</td><td></td></tr><tr><td>Content / Organization / Thematic Relevance<ul style="list-style-type: none">• Content - 25%• Organization - 10%• Feasibility of the proposed solution - 15%</td><td>50%</td></tr></table>		Criteria	Percentage	Written Proposal		Content / Organization / Thematic Relevance <ul style="list-style-type: none">• Content - 25%• Organization - 10%• Feasibility of the proposed solution - 15%	50%
Criteria	Percentage							
Written Proposal								
Content / Organization / Thematic Relevance <ul style="list-style-type: none">• Content - 25%• Organization - 10%• Feasibility of the proposed solution - 15%	50%							



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	(Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution)	
	Relevance of data used	15%
	Oral Presentation	
	Discussion / Arguments / Delivery	20%
	(Based on scientific, technological, and other valid assumptions, Feasibility of the proposed solution)	
	Relevance of data used	15%
	TOTAL	100%
Event Rules and Mechanics	<p>General Guidelines</p> <ol style="list-style-type: none"> 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: <ul style="list-style-type: none"> - Title - Summary (100-200 words) - Background and Problem (200-300 words) <i>(Describe the challenges and how the proposed solution addresses the problem presented. Scientific Principles and Technology applicable to the resolution of the problem.)</i> - Beneficiaries - Proposed Solution to the Problem Presented (300-500 words) 	



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	<ul style="list-style-type: none">- 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. <ol style="list-style-type: none">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.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.
Attire	Preferably School Uniform
Tools and Equipment	The contestants are requested to bring Computer / Laptop / Notebook / A4 Bond Paper / Printer, books and other printed resources, pocket wifi, extension cords



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