



Republic of the Philippines
Department of Education
Region III
SCHOOLS DIVISION OF BULACAN

October 26, 2023

DIVISION MEMORANDUM

No. 459, s. 2023

**DIVISION SCIENCE AND TECHNOLOGY FAIR 2023 AND STEM LEARNING
WITH ROBOTICS EDUCATION**

To: Division Chiefs
All Public Secondary School Heads
All Others Concerned

1. The Schools Division of Bulacan announces the conduct of the Division Science and Technology Fair (DSTF) 2023 with the theme – ***“Resilient Communities: Embracing Science and Technology for a Sustainable Tomorrow.”***
2. In unison with the National Science and Technology Fair 2023 and Regional Science and Technology Fair 2023, the DSTF 2023 aims to:
 - a. enhance the 21st-century skills of STE and STEM learners that include communication, collaboration, digital literacy, critical thinking, and problem-solving skills;
 - b. support STEM education through healthy and friendly competition;
 - c. underscore the hallmark of STEM learning with robotics through problem-based and project-based learning;
 - d. advocate Science and Technology consciousness and a culture of innovation among the youth; and,
 - e. identify the most creative and innovative learners from STE and STEM curricular programs who shall represent the Division to the RSTF 2023 and the NSTF 2023.
3. The competition is open to Grades 9 and 10 STE learners and Grades 11 and 12 STEM learners who have not reached the age of 20 years old on or before May 1, 2023.
4. Learners may work individually or in teams with 2-3 members from the same school. Each individual or team project is eligible to compete in only one among the four categories of **Tuklas** research competition: Life Science, Physical Science, Robotics and Intelligent Machines, and Mathematics and Computational Sciences, and the **Innovation Expo**.
5. The deadline of submission of entries is on November 6, 2023 at Dr. Felipe de Jesus National High School, Plaridel District. The division screening and evaluation of entries will be held on November 7-9, 2023. **Only the shortlisted entries will compete in the DSTF 2023 at Minuyan National High School, Norzagaray East District on November 10-11, 2023.**
6. Transportation, meal allowance, and incidental expenses to be incurred by the qualified participants with their coaches for the said competition shall be charged to their school’s Maintenance and Other Operating Expenses (MOOE)



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- and/or local funds subject to the usual accounting and auditing rules and regulations.
7. This memorandum serves as the travel order of the participants with their respective coaches and the DSTF 2023 team. Attached is the activity matrix and list of contest organizers and TWG.
 8. Wide and immediate dissemination of this memorandum is earnestly desired.


NORMA P. ESTEBAN, EdD, CESO V
Schools Division Superintendent



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Enclosure No. 1 of DM No. 459, s. 2023

I. DSTF Activity Matrix

Day 1: Nov. 10, 2023 (Friday)		
Time	Activity	Facilitators
7:30 – 8:00 AM	Registration of Participants and Submission of the Three (3) Hard Copies of Color-coded Manuscripts with Tags	TWG
8:00 – 8:45 AM	Opening Program	TWG
9:00 – 9:30 AM	Putting Up of Project Display	TWG
9:45 – 12:00 NN	On-site Judging of Entries	BOJ & TWG
12:00 – 12:45 PM	Lunch Break	
1:00 – 4:00 PM	On-site Judging of Entries (con't.)	BOJ & TWG
Day 2: November 11, 2023 (Saturday)		
7:30 – 8:00 AM	Registration for Day 2	TWG
8:00 – 11:45 AM	Robotics Education	Sponsor & TWG
	Deliberation of the Board of Judges	BOJ & TWG
12:00 – 12:45 PM	Lunch Break	
1:00 – 3:00 PM	Robotics Education (con't.)	Sponsor & TWG
	Deliberation of the BOJ (con't.)	BOJ & TWG
3:15 – 4:00 PM	Awarding of Winners	Organizers & TWG
4:00 – 4:30 PM	Orientation of the Winners for the RSTF 2023	Organizers & TWG

II. DSTF 2023 Organizers and TWG

Name	Position	Station
1. Marinella T. Pengson, PhD	EPS	SDO
2. Virgilio L. Laggui, PhD	EPS	SDO
3. Luisito De Guzman, PhD	Principal IV	Minuyan NHS
4. Jeffrey Basilio	Principal II	Catmon NHS
5. Monaliza D. Casquero	Principal II	Sta. Cruz NHS
6. Mervin Lucas	Head Teacher III	Minuyan NHS
7. Meriam H. Roldan	Head Teacher III	FVR NHS
8. Joan T. Buluran	Head Teacher III	Sta. Peregrina HS
9. Ma. Eloisa H. Brazil	Head Teacher III	Catmon NHS
10. Renante B. Perez	Head Teacher III	Ramona Trillana NHS