



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

Dept. SDO of Bulacan  
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**DIVISION MEMORANDUM**  
No. 361, s. 2024

**ENGAGING LEARNERS IN SCIENCE, TECHNOLOGY, ENGINEERING,  
ART, AND MATHEMATICS THROUGH ROBOTICS LEARNING**

To: Division Chiefs  
SSES Implementing School Heads  
STE Implementing School Heads  
All Others Concerned

1. The Schools Division of Bulacan announces the conduct of the Division Robotics Education Orientation for SSES and STE teachers and learners for the school year 2024-2025 with the theme – Engaging learners toward Science, Technology, Engineering, and Mathematics through robotics learning.
2. The Division orientation is on September 6, 2024 at Pulilan Central School, District of Pulilan, Bulacan. This one-day activity entails Arduino Classroom STEAM Edition orientation for the SSES group while the LEGO Educational Prime orientation for STE group.
3. In connection with the aim of the 15<sup>th</sup> International Conference on Robotics in Education (RiE) that is bringing academics, researchers, maker, teachers from all types of schools, teacher trainer, educators, practicing engineers and industry experts from all over the world onto a common platform, the Division Robotics Orientation aims to:
  - a. enhance the 21st-century skills of SSES and STE learners;
  - b. support STEAM education through robotics education;
  - c. underscore the hallmark of the STEAM curriculum through robotics education;
  - d. advocate Science, Technology, Engineering, Art, and Mathematics consciousness and a culture of research and innovation among the youth; and
  - e. tap the most creative and innovative teachers and learners from SSES and STE special curricular programs for future robotics competitions.
4. The DIVISION ROBOTICS LEARNING is categorized into two groups:
  - a. Arduino Classroom STEAM Edition orientation for select SSES Grade 6 Science teachers and learners



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b. LEGO Educational Prime for select STE Grade 7/8 Computer Science teachers and learners

5. Transportation and incidental expenses to be incurred by the participants in the event shall be charged to school's Maintenance and Other Operating Expenses (MOOE) subject to the usual accounting and auditing rules and regulations.
6. Attached herewith is the list of participating SSES and STE implementing schools.
7. Wide and immediate dissemination on this memorandum is earnestly desired.

  
**NORMA F. ESTEBAN, EdD, CESO V**  
Schools Division Superintendent

Encls.: As stated



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Enclosure No. 1. DM No. 361 s. 2024

**Recipients of Educational Robotics Package  
Full-Service STEAM Program from Provincial Government**

**FELTA ROBOTICS**

<b>STE Schools (Secondary) Science, Technology, &amp; Engineering</b>	<b>SSES (Elementary) Special Science Elementary Schools</b>
1. AFGBMTS Marilao	1. Bambang ES Bulakan
2. Parada NHS Sta. Maria	2. Paombong CS Paombong
3. Bunsuran NHS Pandi	3. Balatong ES Pulilan
4. San Ildefonso NHS San Ildefonso	4. Miguel M. Cruz MS Sta. Maria Central
5. Minuyan NHS Norzagaray	5. Pulilan CS Pulilan
6. Calumpit NHS Calumpit	6. Sto. Cristo ES Pulilan
7. FF Halili NAS Sta. Maria	7. San Rafael CS San Rafael East
<b>Total = 7 schools</b>	8. Pinaod CS San Ildefonso South
	9. San Ildefonso ES San Ildefonso North
	10. Segundo Esguerra Sr. MES Pulilan
	11. Inaon IS Pulilan
	12. San Vicente ES Sta. Maria East
	13. Tartaro ES San Miguel Central
	14. Plaridel CS Plaridel
	15. Prenza ES Marilao North
	16. Guiguinto CS Guiguinto
	17. Norzagaray ES Norzagaray West
	<b>Total = 17 schools</b>