



Republic of the Philippines  
**Department of Education**  
REGION III  
**SCHOOLS DIVISION OF PAMPANGA**

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February 6, 2025

**DIVISION MEMORANDUM**

No. **104**, s. 2024

**DIVISION SEMINAR ON ROBOTICS: UNLEASH YOUR INNER ENGINEER;  
ROBOTICS FUNDAMENTALS AND APPLICATIONS**

To: Assistant Schools Division Superintendents  
Chief Education Supervisors  
Education Program Supervisors  
Public Schools District Supervisors  
Public Elementary & Secondary Special Science Class School Heads  
Special Science Class Coordinators  
All Others Concerned

1. Pursuant to RM No. 408, s. 2023, this Office, through the Curriculum Implementation Division (CID), announces the conduct of a **Division Seminar on Robotics: "Unleash Your Inner Engineer: Robotics Fundamentals and Applications"** on February 19, 2025 (Online), February 20& 21, 2025 (Face-to-Face) at Lubao National High School from 8:00 A.M. to 5:00 P.M.
2. The division seminar aims to:
  - 2.1 enhance science teachers' fundamental robotics skills;
  - 2.2 suggest quality and environmentally sustainable robotics projects;
  - 2.3 encourage teachers in Special Science Classes, Classroom for the Future, and STEM education to join robotics competitions; and
  - 2.4 integrate insights into Science Investigatory Skills and Project Presentation.
3. The participants in this activity are the 32 select Science, elementary and secondary teachers.
4. This division memorandum shall serve as the travel authority of all concerned teachers.
5. Enclosed are the following documents for your information and guidance:

Enclosure No. 1- List of Participants, Technical Working Group & QATAME

Enclosure No. 2- Training Matrix



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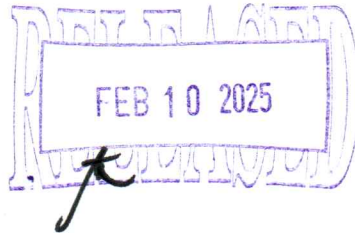
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6. For queries and concerns, please contact the Education Program Supervisor in-charge at [ana.castaneda003@deped.gov.ph](mailto:ana.castaneda003@deped.gov.ph) or by mobile number 0968-461-5164.
7. Immediate and wide dissemination of this Memorandum to all concerned is earnestly desired.

**ROMEO M. ALIP PhD, CESO V**  
Schools Division Superintendent

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Enclosure No. 1 to Division Memorandum No. \_\_\_\_\_, s. 2025

**Division Seminar on Robotics: Unleash Your Inner Engineer; Robotics  
 Fundamentals and Applications**

No.	Name	School
<b>STE COORDINATOR BATCH 1 ROBOTIC KITS RECIPIENTS</b>		
1	RIC CABONCE	BECURAN HIGH SCHOOL
2	LEE ANDREW O. MANUEL	DON ANTONIO LEE CHI UAN INTEGRATED SCHOOL
3	ANGELA S. PINLAC	LUBAO NATIONAL HIGH SCHOOL
4	ROSITA C. CAYANAN	POTRERO NATIONAL HIGH SCHOOL
5	DAISY GINDAP	REMEDIOS HIGH SCHOOL
6	ENGR MA. THERESA R. ABELLERA	RODOLFO FELICIANO MEMORIAL HIGH SCHOOL
7	ANTUANE T. ALFARO	SAN MATIAS NATIONAL HIGH SCHOOL
8	ZALDY QUIJANO	SAN PABLO 2 <sup>ND</sup> NATIONAL HIGH SCHOOL
9	LORENA MAS BERNAL	SAN VICENTE NATIONAL HIGH SCHOOL
<b>STE BATCH II ROBOTIC KITS RECIPIENTS' FOCAL PERSON THROUGH DOST</b>		
10	LAWRENZE Q. DAVID	PULUNG SANTOL NATIONAL HIGH SCHOOL
11	ALVIN TORIO	PORAC MODEL COMMUNITY HIGH SCHOOL
12	KRISTLE MARYJOY H. DUMLAO	JUSTINO SEVILLA HIGH SCHOOL
13	BARRY GUINTO	GUTAD NATIONAL HIGH SCHOOL
<b>DIVISION CLUSTER LEADERS</b>		
14	REYNALDO G. BAUTISTA JR.	MANGGA HIGH SCHOOL
15	JOVELYN R. MANIAGO	JUSTINO SEVILLA HIGH SCHOOL
16	ANGELITA MENESES	SAN SIMON HIGH SCHOOL
17	LESLIE ANNE VERDEFLORES	SAN VICENTE NATIONAL HIGH SCHOOL
18	ALEJANDRO M. CORTEZ PhD	MASANTOL HIGH SCHOOL
<b>JHS &amp; SHS TEACHERS</b>		
19	JOSHUA L. PINEDA	EMIGDIO A. BONDOC SENIOR HIGH SCHOOL
20	JAYPEE S. LAPIRA	PULUNGMASLE NATIONAL HIGH SCHOOL
21	GERLLYN D. LUMANOG	STA. MARIA HIGH SCHOOL (MACABEBE)
22	B-JAY G. SAMSON	SENIOR HIGH SCHOOL IN MAGALANG STAND ALONE II
23	CHARIZEL T. ARCILLA	MALINO NATIONAL HIGH SCHOOL
24	MARIA MONICA D. DELA CRUZ	DIOSDADO MACAPAGAL HIGH SCHOOL
25	REYNA M. DABU	SAN VICENTE NATIONAL HIGH SCHOOL
26	MARTEE B. GOZUN	MALINO NATIONAL HIGH SCHOOL
27	DIANA S. GONZALES	DON JESUS GONZALES NATIONAL HIGH SCHOOL
<b>SSES</b>		
28	GINA C. TORRES	MAGALANG ELEMENTARY SCHOOL (SSES)
29	PAOLA P. MARTIN	MITLA ELEMENTARY SCHOOL (SSES)
30	BRENDA O. SAWALLICH	DON ANTONIO LEE CHI UAN INTEGRATED SCHOOL
31	DINO LORENZO P. MANESE	SAN MATIAS ELEMENTARY SCHOOL
32	ARIES R. CARONAN	MEXICO ELEMENTARY SCHOOL

<b>TECHNICAL WORKING GROUP</b>		
No.	Name	School
1	JOSHUA L. PINEDA	EMIGDIO A. BONDOC SENIOR HIGH SCHOOL
2	PAOLA P. MARTIN	MITLA ELEMENTARY SCHOOL
3	MARICEL M. SUNGA	SAN MATIAS NATIONAL HIGH SCHOOL
4	JAYPEE S. LAPIRA	PULUNGMASLE NATIONAL HIGH SCHOOL
5	ALEJANDRO M. CORTEZ PhD	MASANTOL HIGH SCHOOL
6	REYNALDO G. BAUTISTA JR.	MANGGA HIGH SCHOOL
7	MARTEE B. GOZUN	MALINO NATIONAL HIGH SCHOOL
<b>QATAME</b>		
1	GERLLYN D. LUMANOG	STA MARIA HIGH SCHOOL (MACABEBE)



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Enclosure No. 2 to Division Memorandum No. \_\_\_\_\_, s. 2025

**Division Seminar on Robotics: Unleash Your Inner Engineer; Robotics  
 Fundamentals and Applications**  
**February 19-21, 2025**

**TRAINING MATRIX**

Day	Time	Topic	Persons-in-Charge
<b>Day 1</b> Feb. 19, 2025 <b>(Online)</b>	7:00 A.M.-8:00 A.M.	Online Registration	<b>TWG</b>
	8:00 A.M.-8:30 A.M.	Opening Program	<b>TWG</b>
	8:30 A.M.- 10:30 A.M.	<b>Session 1:</b> Benefits of Robotics Education to develop Problem-solving, creativity and critical thinking	<b>Charizel T. Arcilla</b> Special Science Teacher I
	10:30 A.M.- 11:00 A.M.	<b>Health Break</b>	
	11:30 A.M.- 12:00 P.M.	<b>Session 2:</b> Ways to incorporate robotics into teaching	<b>Maria Monica D. Dela Cruz</b> Master Teacher II
	12:00 P.M.- 1:00 P.M.	<b>Lunch Break</b>	
	1:00 P.M.- 2:30 P.M.	Continuation of Session 2	<b>Maria Monica D. Dela Cruz</b> Master Teacher II
	2:30 P.M.- 4:30 P.M.	<b>Session 3:</b> Project-based learning activities using robotics to address real-world problems	<b>Graceila G. Marin</b>
4:30 P.M.- 5:00 P.M.	<b>Reminders for the 2<sup>nd</sup> Day</b>		<b>TWG</b>
<b>Day 2</b> Feb. 20, 2025 <b>(Face-to-Face)</b>	7:00 A.M.- 8:00 A.M.	Management of Learning	<b>TWG</b>
	8:00 A.M.- 10:00 A.M.	<b>Session 4:</b> Robotics Fundamentals for Educators - Robot Anatomy and Function - Robotics Challenges and Competitions	<b>Robotics Expert</b> <b>DOST</b>
	10:00 A.M.- 10:30 A.M.	<b>Health Break</b>	
	10:30 A.M.- 12:30 P.M.	<b>Session 5:</b> Overview of Beginner-Friendly Programming Languages and Platforms used for Robotics	<b>Robotics Expert</b> <b>DOST</b>
	12:30 P.M.- 1:30 P.M.	<b>Lunch Break</b>	
	1:30 P.M.- 3:30 P.M.	<b>Session 6:</b> Service Robotics: Applications in Healthcare, Education, and Domestic Tasks	<b>Robotics Expert</b> <b>DOST</b>
	3:30 P.M.- 5:00 P.M.	<b>Workshop</b> <b>Hands-on Activities where teachers build and program simple robots to understand core concepts</b>	
<b>-HOME SWEET HOME-</b>			
<b>Day 2</b> Feb. 21, 2025 <b>(Face-to-Face)</b>	7:00 A.M.- 8:00 A.M.	Management of Learning	<b>TWG</b>
	8:00 A.M.- 10:00 A.M.	<b>Session 7:</b> Future Trends in Robotics: Emerging Technologies and Applications	<b>Robotics Expert</b> <b>DOST</b>
	10:00 A.M.- 10:30 A.M.	<b>Health Break</b>	
	10:30 A.M.- 12:30 P.M.	<b>Session 8:</b> Ethical Considerations in Robotics (Troubleshooting and Maintenance of Robots)	<b>Robotics Expert</b> <b>DOST</b>
	12:30 P.M.- 1:30 P.M.	<b>Lunch Break</b>	
	1:30 P.M.- 3:30 P.M.	<b>Workshop</b> <b>Hands-on Robot Programming and Control</b>	
	3:30 P.M.- 5:00 P.M.	Ways Forward Closing Program	<b>TWG</b>
<b>-HOME SWEET HOME-</b>			



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