



Republic of the Philippines
Department of Education
NATIONAL CAPITAL REGION
SCHOOLS DIVISION OFFICE OF MUNTINLUPA CITY

Office of the Schools Division
Superintendent

JUN 07 2022

MEMORANDUM
No. 117, s. 2022

**DIVISION CAPACITY TRAINING IN ROBOTICS IN COLLABORATION WITH
DE LA SALLE SANTIAGO ZOBEL SCHOOL ROBOTICS ELITE TEAM- PHASE 3-A**

To: OIC – Assistant Schools Division Superintendent
Chief Education Supervisor, Curriculum Implementation Division
Chief Education Supervisor, School Governance and Operations Division
Public Secondary School Heads / OICs
All Others Concerned

1. SDO Muntinlupa supports the inclusion of Robotics as a co- curricular activity in all secondary schools this S.Y 2022-2023. It aims to introduce this program to all learners from Grades 7-12 to understand the value of technology and innovation in this technology-driven world.
2. This will be first introduced to the secondary school learners through their subject in Science/ STEM/ ICT by the trained teachers, and thereafter a participation in different competitions to regional, national and international levels to sustain their interest and enhance their passion in it.
3. The De La Salle Santiago Zobel School Robotics Elite Team has offered their services for us to train all 12 school representatives for eight sessions from June 8-July 1, 2022 (2:30-5:00 p.m.) Once trained, they will roll this out to other teachers in their respective schools. Dr. Armida S. Oblinada, Science Supervisor is the assigned Division Focal person.
4. Attached are the schedule, training matrix and list of participants.
5. Immediate and wide dissemination of this Memorandum is highly desired.


CARLEEN S. SEDILLA CESOSA
Schools Division Superintendent

Encl: As stated

Reference: None

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

SCIENCE

TECHNOLOGY

EDUCATION

ASO – DM – Division Capacity Training in Robotics in Collaboration with De La Salle Santiago Zobel School Robotics Elite Team-
Phase 3-A

117/June 2, 2022



Student Center for Life Skills Bldg., Centennial Ave, Brgy Tunasan,
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ISO 9001:2015
Certified No: 18.1519.026

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Below are the details of the 8 session Training Workshop

SESSION	DATE	TOPICS
Session 1	June 8, 2022 (2:30 – 5:00 P.M.)	• Open-Source Robotics • TinkerCAD
Session 2	June 10, 2022 (2:30 – 5:00 P.M.)	• Basic Electronics • Basic Coding
Session 3	June 25, 2022 (2:30 – 5:00 P.M.)	• Wiring Connection
Session 4	June 17, 2022 (2:30 – 5:00 P.M.)	• DIY Robot Building
Session 5	June 22, 2022 (2:30 – 5:00 P.M.)	• Microcontroller Basics • Basic Electronic Communications
Session 6	June 24, 2022 (2:30 – 5:00 P.M.)	• Actuator (DC Motor) • Sensors
Session 7	June 29, 2022 (2:30 – 5:00 P.M.)	• Culminating Activity Dry-Run
Session 8	July 1, 2022 (2:30 – 5:00 P.M.)	• Culminating Activity: Mini-Olympiad

SMART Phase 3 Training Participants - JUNIOR HIGH SCHOOL

SCHOOL	NUMBER OF PEPITO KIT(S)	TEACHER PARTICIPANT	LEARNER PARTICIPANT
LAKEVIEW INTEGRATED SCHOOL (JHS)	1	JAMES G. GAVIOLA	PAUL AARON G. FUENTES
		SHYREIN M. MESINA	MARC ELMO R. CANCINO
			PHILIP GAM A. BOLANDO
MUNTINLUPA BUSINESS HS-ANNEX	1	CHERRY L. ANNE C. PAJARILLO	GADWIN A. PERSEVERANDA
		MOHANDAS ABOLHASSAN M. SAN PEDRO	AILEEN YSABEL M. SIBAL
			KRYSTAL V. URSAL
MUNTINLUPA BUSINESS HS-MAIN	1	GERARDO L. GUETA	
		JEFFREY M. MAGBANUA	
MUNTINLUPA NATIONAL HS (JHS)	1	MARGARET V. DECLARO	JOHN GABRIEL SOMONTINA
		NOEL B. QUITA	ALDRAE MARC JORE
			ARVIN KEITH PEREZ
MUNTINLUPA SCIENCE HS (JHS)	2	JESSIE B. RUIZ	YOSHI SEAN T. APUNTAR
		JOHN FITZ GERALD M. SAN PEDRO	MARGARETH ANNE P. TRINIDAD
			DANE JOEL P. AMBING
TUNASAN NATIONAL HS (JHS)	1	ARJAY A. FLORES	VANESH DARREN B. SOLAYAO
		CLAUDINE F. GOROSPE	JOHN MARK BANAAG
			ERIKA JOY BURGOS
PEDRO E. DIAZ HS	1	JEREMIE C. ALMARINEZ	RAPHAEL P. YAO
		MELANIE B. MELEGRITO	ALHAMMED ABPET
			ANNE DANIELLE ARONG
POBLACION NATIONAL HS	1	DOMINGA M. BERNARDO	LUIS ANDREI ESGUERRA
		ANN BEATRIZ S. GAMUZARAN	ASLAN GABRIEL LATIGO
			MATHEW DAVE LESTER G. INOC"

SMART Phase 3 Training Participants - SENIOR HIGH SCHOOL

SCHOOL	NUMBER OF PEPITO KITS	TEACHER PARTICIPANTS	LEARNER PARTICIPANTS
CUPANG SHS	6	JANNREI ANTON T. LABUGUEN	EIAN M. AGBUYA
		MICHAEL M. SANTOS	ANDREI M. BUENA
			RIKKY T. ENCARNACION
MUNTINLUPA NATIONAL HS (SHS)	1	RICO P. BANTILES	IRENE LUCINADA
		PAUL ALLEN M. GONZALES	RENEE GABRIELLE O. OLIVEROS
			LOVERENE DALE ORIBIADA
MUNTINLUPA SCIENCE HS (SHS)	2	ZARINA T. PABELONIA	JEWEL R. CALICA
		CHANDLER ERICKSON A. CACHUELA	NEIL ANTHONY D. MARMETO
			JOHN RONIEL I. MASONGSONG
TUNASAN NATIONAL HS (SHS)	1	NORBERTO C. SACOPLA	KIRBY A. ASIBOR
		ANTHONY V. TAGULAO	JOSHUA CUEVAS
			SEAN LEI TABOR