



Republic of the Philippines
Department of Education
National Capital Region
Schools Division Office – Muntinlupa City

Office of the Schools Division
Superintendent

APR 03 2023

MEMORANDUM
No. 080, s. 2023

**DIVISION CAPACITY TRAINING IN ROBOTICS IN COLLABORATION OF
iSource Asia Business Solutions Corporations**

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

1. This office will be conducting a series of trainings in ROBOTICS from all public elementary and secondary schools. This activity is in collaboration with iSource Asia Business Solutions Corporations on April 15 & 22, 2023, Saturday, from (8:00 AM -5:00 PM).
2. Attached are the schedule, training matrix and list participants.
3. Immediate dissemination and compliance of this Memorandum is desired.


CARLEEN S. SEDILLA CESO V
Schools Division Superintendent

Encl: As stated
Reference: None
To be indicated in the Perpetual Index
under the following subjects:

SCIENCE

TECHNOLOGY

EDUCATION

ABSO – DM – Division Capacity Training in Robotics in Collaboration iSource Asia Business Solutions Corporations
080/March 31, 2023

NUM-2023-080



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**DIVISION CAPACITY TRAINING IN ROBOTICS IN COLLABORATION OF
iSource Asia Business Solutions Corporations**

*Note: Kindly List the names of the Current Focal Person

**List of Participants
Elementary Level**

SCHOOL (District 1 & 2)	SCHOOL HEAD	GRADE LEVEL	Name (First Name, MI, Surname)	Email Address
1. Muntinlupa Elem. School	Dr. Ma. Aurora S. Bartolaba	6	Jessie B. Arroyo/Lord Franz Baden C. Felix	jessie.arroyo@deped.gov.ph
2. Bayanan Elem. School- Main	Mr. Edizer S. Laqueo	6	Erwin A. Pascual/ Arieza T. De Vera	erwin.pascual001@deped.gov.ph
3. Itaas Elem. School	Dr. Antonio C. Gagala	6	Lydia B. Terrado/ Cirlita L. Tolentino	lydia.terrado001@deped.gov.ph
4. Poblacion Elem. School	Dr. Raul T. Felix	5	Marie Annie N. Catabay/ Maria Elena B. Espeleta	mariaannie.catabay@deped.gov.ph
5. Putatan Elem. School	Mr. Felipe W. Marapao	5	Catherine V. Obra / Jolina A. Ymasa	catherine.obra 001@deped.gov.ph /jolina.arciaga@deped.gov.ph
6. Tunasan Elem. School	Mrs. Jennifer S. Joson	6	Jad Albi M. Andrada/ Jun Cabagtong	jad.andrada@deped.gov.ph /jun.cabagtong@deped.gov.ph
7. Victoria Elem. School	Mrs. Ma. Hazel B. Hernandez	3	Lalaine D. Dayalo/ Maria Diana B. Carmona	lalaine.dayalo001@deped.gov.ph
8. Soldiers Hills Elem. School	Ms. Noemi B. Zarate	6	Owen Earl D. Bautista/ Sunday L. Gallego	owen.bautista001@deped.gov.ph / Sunday.gallego001@deped.gov.ph
9. F. De Mesa Elem. School	Mr. Reynaldo O. Camisario	6	Jet Lee D. Dollesin/ Mark Albert M. Caacbay	jetlee.dollesin@deped.gov.ph / mark.caacbay@deped.gov.ph
10. Lakeview Integrated. School	Dr. Rosendo E. Sangalang	4	Ohjey S. Manio/ Malbar Cabregas	ohjey.manio001@deped.gov.ph / malbar.cabregas@deped.gov.ph
11. Alabang Elem. School	Dr. Shella C. Navarro	4	Joy Corazon M. Agbuggo/ Ardolfo Balajadia	joycorazon.agbuggo@deped.gov.ph
12. Filinvest Alabang Elem. School	Mrs. Olivia G. Ellosa	5	Honey Mae A. Rosales/ Erlyn D. Galgo	<a href="mailto:honeymae.rosales001@deped.gov.ph/erlyn.galg
o@deped.gov.ph">honeymae.rosales001@deped.gov.ph/erlyn.galg o@deped.gov.ph

13. Bagong Silang Elem. School	Mrs. Eden G. Cado	3	Dr. Estelita A. Sagun Rhodora C. Lerios	estelita.sagun01@deped.gov.ph
14. Bayanan Elem. School Unit 1	Dr. Buena C. Dela Cruz	4	Marejorie L. Banjawan Hazle Kay A. Lorana	marjorie.banjawan001@deped.gov.ph
15. Buli Elem School	Mr. Hilario G. Canasa	5	Novelline D. Carno Genoveva B. Bonita	novelline.carno@deped.gov.ph
16. Cupang Elem. School- Main	Mrs. Rhodora V. Mandap	4	Diona Lyne P. Nava Janet E. Lincuco	dionalyne.nava@deped.gov.ph janet.linquin002@deped.gov.ph
17. Cupang Elem. Scxhool-Annex	Mrs. Marie Ann R. Esmeria	6	Martina Gebriel J. Guivencan Aireen G. Pablo	martinagebriel.guivencan@deped.gov.ph
18. Sucat Elem School-Main	Dr. Jane May C. Valbuena	3	Ri celle Mae G. Ramos Emma C. Samonte	ricellemae.ramos@deped.gov.ph
19. Sucat ES Zone-3 Annex	Mrs. Rochelle A. Jimenez	4	Melanie L. De Quiros Najean Octavio	melanie.dequiros@deped.gov.ph
20. Sucat ES Zone-4 Annex	Dr. Ma. Theresa C. Dela Rosa	4	Marivic V. Espanola Eloinida M. Tabaranza	carryann.camitan@deped.gov.ph

Junior High School

*Note: Kindly List the names of the Current Focal Person

SCHOOL (District 1 & 2)	School Head	Grade Lev el	N ame (First Name, MI, Surname)	Email address
1. Muntinlupa National HS-Main	Dr. Antonio B. Rocha	10	Margaret C. Declaro Noel B. Quita	margaret.declaro@deped.gov.ph noel.quita@deped.gov.ph
2. Muntinlupa National HS-TA	Dr. Ardor B. Querubin	9	Arjay A. Flores Claudine Gorospe	arjay.flores001@deped.gov.ph claudine.gorospe@deped.gov.ph
3. Muntinlupa Science HS	Dr. Florante C. Marmeto	10	John Fitz Gerald M. San Pedro Jessie Ruiz	johnfritzgerald.sanpedro@deped.gov.ph
4. Poblacion National HS	Mr. David T. Libao	10	Dominga M. Bernardo Ann Beatriz S. Gamuzaran	dominga.bernardo@deped.gov.ph
5. Lakeview Integrated School	Dr. Rosenda E. Sangalang	8	James S. Gaviola Shyrein Mesina	james.gaviola@deped.gov.ph

6. Pedro E. Diaz HS	Mrs. Eden B. Binaday	10	Jeremie C. Almarinez/ Melanie Melegrito	jeremie.almarinez001@deped.gov.ph
7. Muntinlupa Business HS-Main	Mrs. Vilma S. Villoria	10	Jeffrey M. Magbanua/ Gerardo L. Gueta	jeffrey.magbanua@deped.gov.ph gerardo.gueta001@deped.gov.ph
8. Muntinlupa Business HS- Annex	Dr. Jane May C. Valbuena	8	Mohandas Abolhassan M. San Pedro /Cherryl Anne C. Pajarillo	mohandasabolhassan.sanpedro@deped.gov.ph cherrylanne.pajarillo@deped.gov.ph

Senior High School

*Note: Kindly List the names of the Current Focal Person

SCHOOL (District 1 & 2)	School Head	Grade Level	N ame (First Name, MI, Surname)	Email address
1. Muntinlupa National HS- Main	Dr. Antonio B. Rocha	11/12	Rico P. Bantiles/ Paul Allen Gonzales	rico.bantiles001@deped.gov.ph
2. Muntinlupa National HS-TA	Dr. Ador B. Querubin	12	Norberto C. Sacopla/ Romeo C. Nobles Jr.	norberto.sacopla@deped.gov.ph /romeo ojoy.nobles@deped.gov.ph
3. Muntinlupa Science HS	Dr. Florante C. Marmeto	12	Zarina T. Pabelonia / Chandler Erickson A. Cachuela	zarina.pabelonia@deped.gov.ph / chandleerickson.cachuela@deped.gov.ph
4. Cupang Senior High School	Ms. Jinky Santos	11/12	Michael M. Santos/ Jannrei Anton T. Labuguen	michael.santos006@deped.gov.ph

REQUEST LETTER

March 24, 2023

Dr. CARLEEN SEDILLA

Office of the Schools Division Superintendent, DEPED Muntinlupa City
Department of Education, Republic of the Philippines

Dear **DR. SEDILLA**:

We would like to request for your approval, for us to be able to conduct training for Fischertechnik Robotics, in line with our commitment and continuous support to our partners.

This training course/program focuses on product familiarization, building programming of Fischertechnik Robotics using RoboPro Coding application and programming software. It is best suited for primary, secondary up to senior high school teachers and coaches including learners who would like to learn the fundamentals of FT robotics and how they can be manipulated through programs and codes.

Proposed Training Materials

• Schools shall bring the following:

Elementary (Kindly bring your purchased kits)

- a) Mini Bots
- b) Green Energy
- c) Simple Machines
- d) BT Beginner Robotics
- e) Optics and Lights
- f) Robotics Electronics

High School (Kindly bring your purchased kits)

- a) Robotics Advance
- b) Physics 2.0
- c) Mechanics
- d) Competition Set
- e) Pneumatics Robotics
- f) Drive System

All schools should bring

- a) Laptop / Android Tablet / Android phone (RoboPro Smart and RoboPro Installed)
- b) Extension cord
- c) Scissors
- d) Ruler

Time Activity:

7:00 - 8:00 Registration / Set-up of working areas.

8:00 - 8:30 Opening Remarks

- *National Anthem

- * Prayer

- * Welcome Remarks

- * Objectives

8:30 - 12:00 Training Proper

- * Introduction to FT Robotics System

- * Cautions

- *Simple Machine Model building 1

- * Simple Machine Model building 2

- * Mini Bots Model Building 1

- *Green Energy Model Building 1

- *Optics and Lights Model Building 1

- *Mechanics Model building

- * Physics Model building

- * Drive Model Building 1

- *Pneumatics Model Building 1

- *Optics and Lights Model Building 1

12:00 - 1:00 Lunch / Charging Batteries

1:00 - 5:00 BT Beginner Robotics Introduction

- *Model Building (Mobile)

- *Model Building Buggy Basic

- *BT Board discussion

- *Programming

- *Control using RC

- *Board introduction

- *Model building 1 Hand dryer

- *Programming

- * Model building Mobile robot

- *Programming

- * Mars Mission challenge

Let us know when shall be the most convenient schedule for this training request.

Thank you!

Sincerely,

Gabriel Balancio
Regional Director
09399024904

Forge Ahead.

isourceasia.com.ph

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