

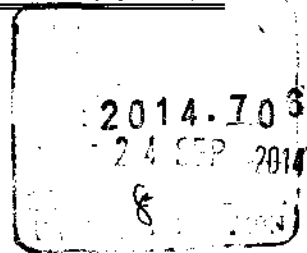


Republic of the Philippines
Region VII, Central Visayas
SCHOOLS DIVISION OF NEGROS ORIENTAL
www.depednegor.net

Tel. Nos: (035)225-2838 / 225-0667/422-7644 (Division Supt's Office); (035) 225-1623 (Asst. Sch's Div. Supt's Office);
(035) 225-1622 (Promotional Section/EPSS); (035) 422-7643 (Cashier's Section); (035) 422-8511 (Planning Section);
(035) 225-6987 (Record's Section); (035) 422-5283 (Admin. Section); (035) 422-0267 (Personnel Section); (035) 225-2376 (Guard/Medical/Dental Sections);
(035) 225-2378 (ALS Section); (035) 225-7012 (PFSED Section); (035) 225-1640 & (035) 225-6180 (Accounting Section); (035) 422-3921 (Supply Section)

September 24, 2014

MEMORANDUM TO :



MS. ALMA CORA M. CATACUTAN
Education Program Supervisor

MS. ESTERLINA B. PARAGOSO
Education Program Supervisor

MS. HAZEL IBALE
School Principal, Magsaysay ES

MR. EDFEL CABAG
School Principal, Sibulan Science High School

MS. REMYLIN GAO-GAO
Teacher, Sibulan Science High School

Thru The School Principal

Please be informed of your attendance to the Regional Training of Trainers on Robotics for Education to be held every last Friday of the month starting September 26, 2014 to February 27, 2015 at the 3rd Floor, DepED Regional Office VII, Lahug, Cebu City.

Transportation expenses shall be charged against local funds, while accommodation shall be charged against Regional HRTD funds, both subject to the usual accounting and auditing rules and regulations.

For details, enclosed is Regional Memorandum No. 570, s. 2014 dated September 19, 2014.

For your information, guidance and compliance.

GOD BLESS!

SALUSTIANO T. JIMENEZ, LI. B., CESO VI
Schools Division Superintendent

STJ/bing

"EFA 2015: Karapatan ng Lahat, Pananagutan ng Lahat"



Republic of the Philippines
Region VII, Central Visayas
SCHOOLS DIVISION OF NEGROS ORIENTAL
www.depednegor.net

Tel. Nos: (035)225-2838 / 225-0667/422-7644 (Division Supt's Office); (035) 225-1623 (Asst. Sch's Div. Supt's Office);
(035) 225-1622 (Promotional Section/EPSS); (035) 422-7643 (Cashier's Section); (035) 422-8511 (Planning Section);
(035) 225-6987 (Record's Section); (035) 422-5283 (Admin. Section); (035) 422-0267 (Personnel Section); (035) 225-2376 (Guard/Medical/Dental Sections);
(035) 225-2378 (ALS Section); (035) 225-7012 (PFSED Section); (035) 225-1640 & (035) 225-6180 (Accounting Section); (035) 422-3921 (Supply Section)

September 24, 2014

MEMORANDUM TO :

MS. ALMA CORA M. CATA CUTAN
Education Program Supervisor

MS. ESTERLINA B. PARAGOSO
Education Program Supervisor

MS. HAZEL IBALE
School Principal, Magsaysay ES

MR. EDFEL CABAG
School Principal, Sibulan Science High School

MS. REMYLIN GAO-GAO
Teacher, Sibulan Science High School

Thru The School Principal

Please be informed of your attendance to the Regional Training of Trainers on Robotics for Education to be held every last Friday of the month starting September 26, 2014 to February 27, 2015 at the 3rd Floor, DepED Regional Office VII, Lahug, Cebu City.

Transportation expenses shall be charged against local funds, while accommodation shall be charged against Regional HRTD funds, both subject to the usual accounting and auditing rules and regulations.

For details, enclosed is Regional Memorandum No. 570, s. 2014 dated September 19, 2014.

For your information, guidance and compliance.

GOD BLESS!

SALUSTIANO T. JIMENEZ, LI. B., CESO VI
Schools Division Superintendent

STJ/bing

"EFA 2015: Karapatan ng Lahat, Pananagutan ng Lahat"



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF EDUCATION
REGION VII, CENTRAL VISAYAS
Sudlon, Lahug, Cebu City



September 19, 2014

REGIONAL MEMORANDUM
No. **570**, s. 2014

REGIONAL TRAINING OF TRAINERS ON ROBOTICS FOR EDUCATION

**To: Schools Division Superintendents
Officers-In-Charge of Schools Divisions**

1. To provide our schoolchildren with an opportunity to develop creative thinking, problem solving skills and to expand their horizons through exploration of robots and robotics system in the schools, this Office will be conducting **Regional Training of Trainers on Robotics for Education** every last Friday of the month starting September 26, 2014 to February 27, 2015 at the 3rd Floor, DepEd RO VII, Lahug, Cebu City.

2. The objectives of the training are:
- explain the basics of programming and engineering principles;
 - build a functional robot with Artificial Intelligence (AI);
 - make an Action Plan on the adoption of Robotics in the Division;
 - display teamwork, open-mindedness, and cooperation.

3. Participants to this training are the following:

Division Participants:

- 1 Division ICT Coordinator
- 1 Secondary School Head of Science High School or school with Special Science Class
- 1 Elementary School Head of school with Special Science Class
- 1 Division Education Program Supervisor in Science
- 1 Division Education Program Supervisor In Mathematics

CTD/mfp
ICT_RTOT Robotics

Telephone No.: (032) 231-3433; TeleFax No.: (032) 414-7325
e-mail: region7@deped.gov.ph
www.depedro7.gov.ph

Regional Training Team:

Dr. Emiliano B. Elnar, Jr.	-	Chief, HRDD/Lead Trainer
Mr. Donald B. Dungog	-	Trainer
Engr. Jonathan Cartilla	-	Trainer
Ms. Maurita F. Ponce	-	EPS/Regional ICT Coordinator
Mr. Emmanuel F. Mendoza	-	Systems Analyst/Programmer
1 Support Staff		

- Participants are required to bring a laptop with 4GB RAM and with at least 1024x768 resolution. They are also required to be at the venue at 7:30 in the morning. (Please see enclosed Matrix of Activities and schedule of different batches)
- Transportation expenses shall be charged against local funds, while accommodation of participants from Schools Divisions outside Cebu and meals (1 day full meal) shall be charged against Regional HRTD funds subject to the usual accounting and auditing rules and regulations. Meals and accommodation will be provided by DepEd Applied Nutrition Center, Banilad, Cebu City.
- Immediate dissemination of this Memorandum is hereby directed.


CARMELITA T. DULANGON
Director III
Officer-in-Charge


REGIONAL TRAINING OF TRAINERS ON ROBOTICS FOR EDUCATION

Training Matrix

Time	Activity	What to do	Expected Output
7:30 – 8:00	Registration	Getting to know each other and sharing of contact information	Expanded network of Professionals
8:00 – 8:30	Opening Program	Understanding Robotics @ Cambridge University and Stanford University	Possible adaptation of our school instruction/activities
8:30 – 10:00	Understanding Lego Mindstorm Parts & Sensors <i>by: Engr. Jonathan Cartilla</i>	Understand Robotics Mechanics and Sensor Controls to respond to stimuli	Build and Program robots using Lego Digital Design/Constructopedia
10:00 – 10:15	Snacks		
10:15 – 12:00	NXT G Programming <i>by: Sir Donald B. Dungog</i>	Program robot to accomplish certain tasks	Fully functional robot that could move and respond to surroundings
12:00 – 1:00	Lunch		
1:00 – 2:45	Understanding Artificial Intelligence (AI) Programming <i>by: Sir Donald B. Dungog</i>	Program a robot to do task automatically	Fully functional robot with Artificial intelligence
2:45 – 3:00	Snacks		
3:00 – 5:00	Presentation of Outputs Drafting of Action Plan <i>by: Engr. Jonathan Cartilla Dr. Emiliano B. Elnar, Jr.</i>	Present how their robot can accomplish the given task	Philippine Robotics Olympiad Competitive Robot
5:00 – 5:30	Closing Activities	Awarding, turnover of outputs and Action Plans per Division	Action Plan on the adoption of Robotics in the Division

REGIONAL TRAINING OF TRAINERS ON ROBOTICS FOR EDUCATION

Training Schedule (by Cluster)

Date	Division		Date	Division
Cluster 1 September 26, 2014	Bais City Bayawan City Bogo City		Cluster 4 December 12, 2014	Guihulngan City Lapu-Lapu City Mandaue City
Cluster 2 October 31, 2014	Bohol Carcar City Cebu Province		Cluster 5 January 30, 2015	City of Naga, Cebu Negros Oriental Siquijor
Cluster 3 November 28, 2014	Cebu City Danao City Dumaguete City		Cluster 6 February 27, 2015	Tagbilaran City Talisay City Tanjay City Toledo City