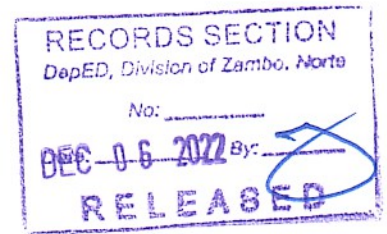




Republic of the Philippines  
**Department of Education**  
REGION IX  
SCHOOLS DIVISION OF ZAMBOANGA DEL NORTE



December 5, 2022

Division Memorandum  
No. 465. S. 2022

**ICT IN THE CLASSROOM: INNOVATIVE TOOLS TO FACILITATE STUDENTS  
LEARNING, COLLABORATION AND CREATIVITY**

To : **Public School District Supervisors  
School Heads  
ICT Teachers**

1. The Schools Division of Zamboanga del Norte announces the conduct of Seminar and Workshop on Innovative Tools to Facilitate Students Learning, Collaboration and Creativity on December 13-15 at Top Plaza Hotel, Dipolog City.
2. Preferably, participants of this activity are ICT teachers in Junior and or in Senior High Schools.
3. Participants are requested to bring laptop and multimeter for the workshop.
4. Enclosed in this memorandum are the training matrix and participants allocation per district.
5. Immediate dissemination of this memorandum is desired.

  
**VIRGILIO P. BATAN JR, CESO VI**  
Schools Division Superintendent



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Annex A. Detailed Program or Course Matrix

Day 0 – December 13, 2022

Day 1 – December 14, 2022

Day 2 – December 15, 2022

Day	Time	Activity	Person in Charge
0	1:00 – 2:00 PM	Arrival & Registration	PMT
0	2:00 – 3:00	Opening Program	Program Committee
0	3:00 – 3:30	DCP Updates	Julius O. Belagantol
0	3:30 – 4:00	PTS	Julius O. Belagantol
0	4:00 – 5:00	O365 Productivity Tools	Julius O. Belagantol
	5:00	Dinner	
1	7:30 – 8:00	MOL	Selected Participants
	8:00 – 12:00	Basic Electronics Introduction to Robotics	Sherwin E. Quisel
1	12:00 – 1:00	Lunch	
1	1:00 – 3:00	Start inventing things using Arduino	Jessie M. Nava
1	3:00 – 5:00	Workshop	
1	5:00	Dinner	
2	7:30 – 8:00	MOL	Selected Participants
2	8:00 – 9:00	Introduction to 3D Printing	Amel P. Colanggo
2	9:00 – 11:00	Workshop	
2	11:00 – 12:00	Closing Program	Program Committee



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**Annex B. Participants Allocation per District**

DISTRICT	NAME OF SCHOOL	PARTICIPANTS
BACUNGAN (LEON POSTIGO)	Bacungan National High School	1
BACUNGAN (LEON POSTIGO)	Palandok National High School	1
BACUNGAN (LEON POSTIGO)	Talinga National High School	1
BACUNGAN (LEON POSTIGO)	Tinuyop National High school	1
BALIGUIAN	Alam Mudja Sai National High School	1
BALIGUIAN	Baliguian National High School	1
GODOD	Godod National High School	1
GODOD	Raba National High School	1
GODOD	Sianan National High School	1
GUTALAC I	Canuto Enerio National High School	1
GUTALAC I	Gutalac National High School	1
GUTALAC I	Gutalac National High School Extension - Panganuran	1
GUTALAC I	Gutalac National High School Extension - San Juan	1
GUTALAC II	Gutalac National High School Extension - Tipan	1
GUTALAC II	Gutalac NHS Mamawan - Annex	1
GUTALAC II	Pitawe Integrated School	1
KALAWIT	Batayan NHS	1
KALAWIT	Gatas NHS	1
KALAWIT	Kalawit National High School	1
KALAWIT	Kalawit NHS Ext. - Paraiso	1
KALAWIT	Pianon National High School	1
KALAWIT	TUGOP NATIONAL HIGH SCHOOL	1
KATIPUNAN I	Bulawan Integrated School	1
KATIPUNAN I	Katipunan National High School	1
KATIPUNAN I	Matam NHS	1
KATIPUNAN II	Basagan National High School	1
KATIPUNAN II	Don Teotimo Z. Ochotorena National High School	1
KATIPUNAN II	Katipunan NHS -Sinuyak Annex	1
KATIPUNAN II	Seres National High School	1
KATIPUNAN II	Sitog National High School	1
LA LIBERTAD	La Libertad National High School	1
LABASON	Balas National High School	1
LABASON	Kipit Agro-Fishery High School	1
LABASON	Labason Integrated School	1
LABASON	Malintuboan National High School	1
LABASON	Matias C. Ranillo National High School	1
LABASON	Ubay National High School	1
LABASON	Ubay National High School - Patawag Extension	1



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LILOY I	Liloy National High School	1
LILOY I	Patawag National High School	1
MANUKAN I	Bartolome Aripal Memorial NHS	1
MANUKAN I	Manukan National High School	1
MANUKAN I	Manukan NHS - Serongan Annex	1
MANUKAN II	Don Jose Aguirre NHS	1
MANUKAN II	Jesus A. Ramos NHS	1
MANUKAN II	Saluyong NHS	1
MUTIA	Mutia National High School - Tubak Annex	1
MUTIA	Mutia National High School Extension - Alvenda	1
MUTIA	Mutia NHS	1
PIÑAN	Dilawa National High School	1
PIÑAN	Piñan National High School	1
POLANCO I	Polanco National High School	1
POLANCO I	Polanco NHS Ext. - Isis	1
POLANCO I	Polanco NHS Ext. - Lingasad	1
POLANCO II	San Pedro National High School	1
POLANCO II	Sianib National High School	1
POLANCO II	Silawe NHS	1
PONOT (JOSE DALMAN)	Dinasan National High School	1
PONOT (JOSE DALMAN)	Ilihan National High School	1
PONOT (JOSE DALMAN)	Manawan National High School	1
PONOT (JOSE DALMAN)	Ponot National High School	1
RIZAL	Rizal National High School	1
RIZAL	Sebaca National High School	1
ROXAS I (MANUEL A. ROXAS)	Marupay NHS	1
ROXAS I (MANUEL A. ROXAS)	President Manuel A. Roxas National High School	1
ROXAS II (MANUEL A. ROXAS)	Dohinob National High School	1
ROXAS II (MANUEL A. ROXAS)	Lipakan National High School	1
ROXAS II (MANUEL A. ROXAS)	Moliton National High School	1
SALUG I	Balakan National High School	1
SALUG I	Salug National High School	1
SALUG II	Bacong National High School	1
SALUG II	Binoni NHS	1
SALUG II	Ramon Magsaysay National High School	1
SERGIO OSMEÑA I	San Jose National High School	1
SERGIO OSMEÑA I	Sergio Osmeña National High School	1
SERGIO OSMEÑA I	Sergio Osmena NHS Ext. - Bagong Baguio	1
SERGIO OSMEÑA II	Marapong National High School	1
SERGIO OSMEÑA II	San Isidro NHS	1
SIAYAN	Datagan NHS	1



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SIAYAN	Diongan National High School	1
SIAYAN	Feliciano Castillo National High School	1
SIAYAN	Gunyan NHS	1
SIAYAN	Mangilay National High School	1
SIAYAN	Paranglumba Integrated School	1
SIAYAN	Siayan National High School	1
SIBUCO	Cawit-Cawit National High School	1
SIBUCO	Lintangan Integrated School	1
SIBUCO	Lunday National High School	1
SIBUCO	Malayal National High School	1
SIBUCO	Sibuco National High School	1
SIBUCO	Sibuco National High School - Pangian Annex	1
SIBUTAD	Kanim National High School	1
SIBUTAD	Sawang NHS	1
SIBUTAD	Sibutad National High School	1
SINDANGAN CENTRAL	Sindangan National Agricultural School	1
SINDANGAN CENTRAL	Sindangan National High School	1
SINDANGAN NORTH	Doña Natividad L. Macias Integrated School	1
SINDANGAN NORTH	Lapero NHS	1
SINDANGAN NORTH	Siari John H. Roemer NHS	1
SINDANGAN SOUTH	Bartolome C. Lira, Sr. NHS Ext. - Siasin	1
SINDANGAN SOUTH	Bartolome Lira, Sr. NHS	1
SINDANGAN SOUTH	Dumalogdog National High School	1
SINDANGAN SOUTH	Tinaplan Integrated School	1
SIOCON	Canatuan National High School	1
SIOCON	Celestino T. Montañó Sr. National High School	1
SIOCON	Julian Soriano Memorial Comprehensive High School	1
SIOCON	Makiang National High School	1
SIOCON	Siay Integrated School	1
SIOCON	Siocon National Science High School	1
SIOCON	Sta. Maria National High School	1
SIRAWAI	Dacon National High School	1
SIRAWAI	Sirawai National High School	1
TAMPILISAN	Galington National High School	1
TAMPILISAN	New Dapitan National High School	1
TAMPILISAN	Situbo National High School	1
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