



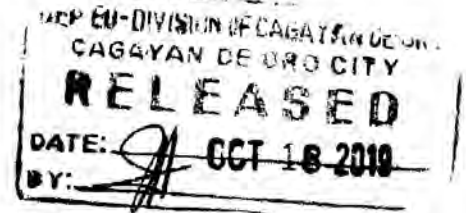
Republic of the Philippines
Department of Education
Region X-Northern Mindanao
DIVISION OF CAGAYAN DE ORO CITY
Fr. William F. Masterson, Jr. Avenue, Upper Balulang
Cagayan de Oro City



October 16, 2019

MEMORANDUM

Number 329 s., 2019



TO : School Head of the following Secondary Schools:

CDO National High School	Agusan NHS
Regional Science High School Bugo	NHS
Lumbia NHS	Lapasan NHS
Bulua NHS	Iponan NHS
Balulang NHS	Puerto NHS
Carmen NHS	Macabalan NHS
Canitoan NHS	Puntod NHS
Angeles Sisters NHS	Macasandig NHS

DEVELOPERS CONNECT PHILIPPINES (DEVCON) KIDS/DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY (DICT) AND ROBOGALS CDO - TRAINING & SUMMIT

1. In consonance with the letter-request of **Mr. ROLANDO P. CABALUNA**, Provincial Officer, Department of Information and Communication Technology (DICT), you are hereby requested to send participants to the training workshop on the following activities:

Date	Activity	Venue
October 19 & 26, 2019	Devcon Kids Program Training	Department of Information and Communication Technology (DICT) Office, Corner Tiano Chaves St., Cagayan de Oro City.
November 9, 2019	Devcon Kids Program Summit	Capitol University, Corrales Extension, Cagayan de Oro City.

2. Participants to this training are two (2) students from each identified schools, one (1) male and one (1) female from Grade 7 or Grade 8.
3. The same students will participate for October 19 & 26, 2019, and November 9, 2019.
4. For your guidance and compliance

JONATHAN S. DELA PEÑA, PhD, CESO V
Schools Division Superintendent

Encl.: letter request/training schedule
Reference: letter request/training schedule

To be indicated in the perpetual index
Under the following subject:
DICT
Training/Summit
CID/ETC



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF INFORMATION AND
COMMUNICATIONS TECHNOLOGY

March 26, 2019

JONATHAN S. DELA PEÑA, Ph.D. CESO V
Schools Division President
Department of Education
Division of Cagayan de Oro City

DepEd email
CAGAYAN DE ORO CITY DIVISION
Received by: *JCC*
Date: *8/20/19*
Time: *3:26*

Through: Dr. Eduardo T. Cartel, Education Program Supervisor

Dear Sir Dela Peña,

Devcon Kids in partnership with the Department of Information and Communications Technology Misamis Oriental and Robogals CDO will conduct Devcon Kids Program at DICT Misamis Oriental Cagayan de Oro City tentatively on the following Saturday dates October:

Batch 1 – October 12 (30 students)
Batch 2 – October 19 (30 students)

Batch 3 – October 26 (30 students)

6-7/8

There will be a Devcon Kids robotics competition during the DEVCON Summit on November 9, 2019 at Capitol University. We would like to invite your schools who might be interested to send their Grade 7 students to study 1 day robotics and join the said competition.

*6
18 pms*

We would like to seek assistance in informing the schools heads of the said program, identifying the students and other assistance during the training that you are willing to provide.

DEVCON Philippines is a national non-profit organization of computer programmers and enthusiasts that exists to promote "IT Pinoy Talent" to sync, support and succeed. DEVCON Kids, is the newest program offered by DEVCON Philippines to cater to the growing needs of even younger enthusiasts.

The DEVCON Kids Program aims to teach the youth a problem solving framework through an introduction to computer programming. It is composed of 10 whole day workshops with each workshop serving 30 students, beginning with an introduction to Problem Solving using Micro:bit (a pocket size computer), creating Games using SCRATCH, robotics, and app development.

Please contact Nideliza Fe O. Nacilla at telephone number (088) 885-0018, mobile +639175934605, or email at nideliza.nacilla@dict.gov.ph for inquiries or more information regarding the said workshop.

We hope to hear a favorable response to support our activity.

Truly Yours,

ROLANDO R. CABALUNA
Misamis Oriental Provincial Officer

Misamis Oriental Office, Mindanao Cluster 2
Corner Tiano Chaves St., Cagayan de Oro City
Tel. No.: (088) 855-0018

October 10, 2019

JONATHAN S. DELA PEÑA, Ph.D. CESO V

Schools Division President
Department of Education
Division of Cagayan de Oro City

Sir:

The Developers Connect Philippines, Inc. (DEVCON) will conduct the first Robot Car competition during the Cagayan de Oro DEVCON Summit on November 8, 2019 at Capitol University Little Theater.

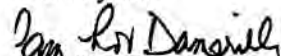
The Robot Car Competition aims to:

1. Support the Philippines' aggressive campaign towards the promotion of Science and Technology interest among the youth, particularly in Robotics, as one of the alternative media of effective learning;
2. Inspire the youth participants to pursue further learning of computer programming through the workshops and competition;
3. Enable the youth participants to create computer programs using a simple, but powerful, block-based language;
4. Empower the youth participants through an introduction and practice of the DEVCON Kids Problem Solving Framework (Define, Plan, Act, and Reflect) as they build and program the robot cars; and
5. Create and strengthen harmonious relationships and camaraderie among the participating schools, students and educators.

The target participants are 7th and 8th grade learners, 2 each from middle schools (accompanied by one teacher) within Cagayan de Oro City. The Competition Manual is enclosed, and lessons can be provided to you if you request it.

We would be grateful for your endorsement, should you decide our program worthy, so we may invite the participation from middle schools in your division.

Thank you.


Pam Ros Damarillo

Program Director, DEVCON Kids

Mobile # (998) 843-6511

Email Address: Pam@devcon.ph



COMPETITION MANUAL

School Principal Primer

APPLY to Participate online here: <http://bit.ly/devconkidsrobotics> by June 7, 2019

Introduction

The Micro:bit Robotics Competition, hosted by DEVCON Kids, is a 16 hour workshop and competition designed to engage and challenge 7th and 8th grade students (novice to computer programming and robotics) to build and program a car robot to complete a mission.

What is DEVCON Kids?

DEVCON Kids is a program that teaches a problem solving framework through an introduction to computer programming. It is the newest program of Developers Connect Philippines (DEVCON), a non-profit organization of computer programmers and technology enthusiasts. DEVCON aims to elevate *Pinoy IT Talent* to sync, support, and succeed.

Why participate?

As software becomes more and more ubiquitous in all aspects of our daily lives, it is crucial that our youth be prepared with the fundamental understanding and capability to shape that digital world. Enabling and empowering them to succeed in that future is the preparation we all need to provide for them. DEVCON Kids is here to share that work with you.

Not only are they learning the necessary skills, developing confidence in creating computing artifacts, but they must also see themselves as capable problem solvers, practicing resilience and persistence as they learn to write code.

Students who participate in this competition will be able to build and program a car robot that independently functions. They will be introduced to the DEVCON Kids Problem Solving Framework of Define, Plan, Act, and Reflect. They will be provided the materials, mentorship, and skills training necessary to participate in the competition at the end of the second day.



Who can participate?

The robotics workshop and competition are designed for 7th and 8th grade students with no prior experience in computer programming and robotics. Students must be enrolled in public schools and must be accompanied by one teacher advisor for both days. Apply to participate here: <http://bit.ly/devconkidsrobotics> no later than June 7, 2019. No previous coding experience is required. All participants (students and advisors alike) must share an interest in learning about new ideas and new skills, not necessarily robotics and computer programming.

When is the workshop and competition?

There will be 2 workshop days: June 15 and June 22.

June 15, 2019 from 8am to 5pm
Amihan Global Strategies Phils. Inc.
Unit 2606, 26th Floor Orient Square Building
F. Ortigas Jr Road
Ortigas Center, Pasig City

June 22, 2019 from 7:30am to 6pm
DEVCON Summit
Room #2, 4th Floor
SMX Aura, Taguig

On Day 2, the top four performing teams will compete in the finals on the main stage in front of the entire conference, an audience of about 1,500 delegates.

Raise your school colors, make your school proud! Win 4 robots for your school!

Workshop Details

Learning experiences offered are based on the Computer Science Teachers Association (CSTA) 2017 Standards.

Schedule

All participants are required to attend both workshops in its entirety. The workshop will include building, programming, and testing a car robot. Everyone must arrive on time and allow 10 minutes for the check in process in the lobby.



Schedule for Day 1

8:00 am	Registration & Welcome
8:30 am	Experience Computer Programming
10:00 am	Snacks
10:15 am	Meet the BBC Micro:bit
12:30 pm	Lunch
1:00 pm	Build and Program Robots
3:00 pm	Snacks
3:15 pm	Basic Robot Movement Challenges
4:30 pm	Recap
5:00 pm	Dismissal



Schedule for Day 2

7:30 am	Registration & Welcome
8:00 am	Robotic Sensors
10:00 am	Snacks
10:15 am	Robotic Sensors
12:30 pm	Lunch
1:30 pm	Putting it all Together
3:00 pm	Snacks
3:15 pm	Competition begins
4:00 pm	Championship on Main Stage
4:20 pm	Awarding
5:00 pm	Dismissal from Workshop.



Cost

Free! Thanks to our Corporate Sponsor, Optum Global Solutions.

The workshops include:

- 16 hours programming course
- Certificates of Participation for all
- Trophies for Winning Team
- Recognition of top performing teams during conference and in Social Media
- Lunch and snacks x 2 days



The Competition

The competition scenario will be announced on the day of competition. It will be an application of concepts learned over the two days.

Student teams will be randomly assigned to group 1 or 2 to participate in several heats. The top two winners from each group will go "head to head" on stage.

The FINAL Competition will be held in front of all the summit participants in the Main Hall. The winning team will be awarded immediately after the competition.

The Prize

The winning team gets to take home 4 robot kits to share with the school!

Questions?

Contact Competition Coordinator Thezza Baluyos @thezza@devcon.ph

APPLY to Participate online here:
<http://bit.ly/devconkidsrobotics>
by June 7, 2019

