



Republic of the Philippines  
**Department of Education**  
REGION X-NORTHERN MINDANAO  
**SCHOOLS DIVISION OF MISAMIS ORIENTAL**

January 22, 2020

## DIVISION ADVISORY

The DEVCON Kids in partnership with the Development of Information and Communications Technology Misamis Oriental will conduct **Mobile Application Code Camp and Hackathon during the Developers for Development (DEV4DEV) Summit on Feb. 13-15, 2020 at DICT Misamis Oriental, corner Tiano, Chavez St., Cagayan de Oro City and Hackathon on February 16, 2020 at Dahilayan Forest Park Resort (Pls. see attached copy for more details).**

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

For your information and guidance.

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

JSDP/SGOD/rlg



Address: Del Pilar corner Velez Street, Brgy. 29, Cagayan de Oro City 9000  
Telephone Nos.: (088) 881-3094 | Text: 0917-8992245 (Globe)  
Website: [www.deped.misor.net](http://www.deped.misor.net)  
Email: [misamis.oriental@deped.gov.ph](mailto:misamis.oriental@deped.gov.ph)

January 8, 2020

**JONATHAN S. DELA PEÑA, Ph.D. CESO V**  
Schools Division Superintendent  
Department of Education  
Division of Misamis Oriental

Dear Sir Dela Peña,

DEVCON Kids in partnership with the Department of Information and Communications Technology Misamis Oriental will conduct **Mobile Application Code Camp and Hackathon during the Developers for Development (DEV4DEV) Summit on Feb. 13-15, 2020 at DICT Misamis Oriental- corner Tiano, Chaves St., Cagayan de Oro City and Hackathon on February 16 at Dahilayan Forest Park Resort.**

The target participants are 8th grade learners who have no prior experience in computer programming, to include one boy and one girl of each school from the following:

-adopted DICT Tech4ed Program

- Misamis Oriental General Comprehensive High School (2)

Through this program, we want to encourage students to have knowledge on how to create a mobile application. The event is free for over four days, thirty-two hours of creating mobile applications by computer programming will be provided, along with snacks and meals. It will be an opportunity to learn with students from local schools, and to participate in a hackathon. Also, get a chance to win 4 robots for the school!

Name of the student participants should be submitted online here: <http://bit.ly/DEV4DEVKids> by January 24, 2020.

DEVCON Kids, is the newest program offered by DEVCON Philippines to cater to the growing needs of even younger enthusiasts. It aims to teach the youth a problem solving framework through an introduction to computer programming and offers other workshops beginning with an introduction to Problem Solving using Micro:bit (a pocket size computer), Game Development using SCRATCH, Web development and Robotics.

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The code camp manual is enclosed. We hope to hear a favorable response in support of our activity.

Truly Yours,

**ROLANDO P. CABALUNA**  
Misamis Oriental Provincial Officer

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



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# DEVCON Kids

## Mobile App Development Code Camp

February 13 - 15, 2020/DICT Misamis Oriental Office

February 16, 2020/Dahilayan Forest Park Resort

APPLY online here: <http://bit.ly/DEV4DEVKids> by January 24, 2020

### Introduction

The DEVCON Kids Mobile Application Code Camp offers students the opportunity to create (yes, code!) their very own working phone or tablet application to solve a community problem they choose. On the fourth and final day of the workshop, students will share their work and compete to win prizes at the DEV4DEV (Developers for Development) Solutions-Building Code Camp at Dahilayan Forest Park, Manolo Fortich, Bukidnon.

### DEV4DEV

DEV4DEV is a national gathering of computer programmers and entrepreneurs of the Department of Science and Technology (DOST)-assisted Technology Business Incubators. Hosted and presented by Developers Connect Philippines (DEVCON), DOST, and other partner agencies, DEV4DEV is all about inclusion technologies to solve our country's most pressing needs in food, finance, health, and e-government.

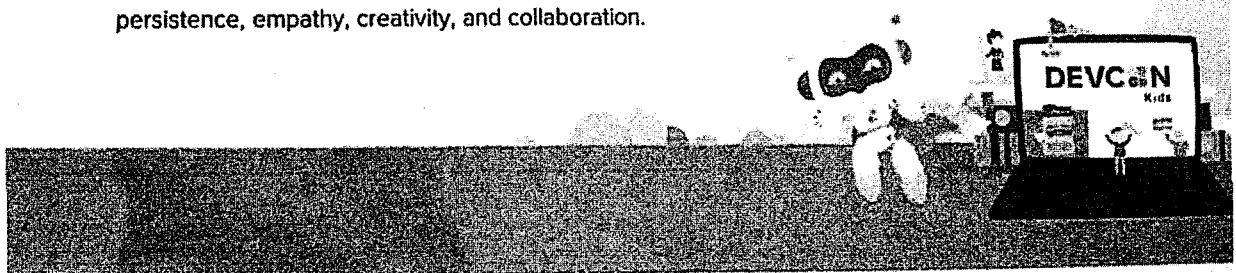
### What is the DEVCON Kids Program?

DEVCON Kids envisions Filipino youth ready for the tech-driven future: Inspired, Enabled, and Empowered to face challenges. The program aims to do this by establishing DEVCON Kids Clubs in schools and communities. Lessons center on a problem-solving framework through an introduction to computer coding. More about us in the flyer attached.

### Why should students learn to code?

As software becomes more and more ubiquitous in all aspects of our daily lives, it is crucial that our youth be prepared with 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.

Your students will benefit from the DEVCON Kids lessons. Not only will they learn the necessary skills and develop confidence in creating computing artifacts, they will also begin to see themselves as capable problem solvers. They will have opportunities to practice resilience, persistence, empathy, creativity, and collaboration.



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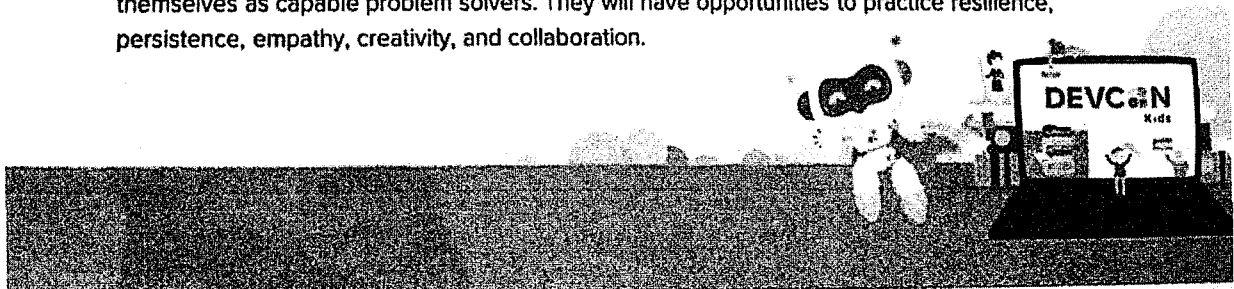
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## Who can participate the workshop?

Two Grade 8 students, one male and one female, are invited to participate. They do not need to have any background in computer coding. The only requirement is that they are motivated to learn to write computer code. They will be part of a larger group of 32 students from the city.

The maximum number of participants who can apply per school is two (2). Notifications will be sent out by January 27, 2020 if you have obtained two of the coveted spots.

## When are the workshops?

Days 1-3: Feb. 13, 14, 15, 8 am to 5 pm, and

Day 4: Feb. 16, Sunday, 7 am to 7 pm

## Where are the workshops?

### Days 1-3:

DICT Misamis Oriental Office  
corner Tiano, Chaves St., Cagayan de Oro City

### Day 4:

Dahilayan Forest Park Resort,  
Manolo Fortich, Bukidnon

## Workshop Details

### Cost

There is no Registration Fee to be collected. This event is FREE!

*\*Note: The 4-day Code Camp is sponsored by the DEV4DEV event happening concurrently on February 13-18, 2020*

### Inclusions

- 32 hours of hands-on activities and lectures combined
- Certificates of Participation
- Meals and Snacks x 4 days
- Transportation to and from Dahilayan on 2/16,
  - Pick up and Drop off LOCATION:  
**DICT Misamis Oriental Office, corner Tiano, Chaves St., Cagayan de Oro City**  
Please be PROMPT!!!

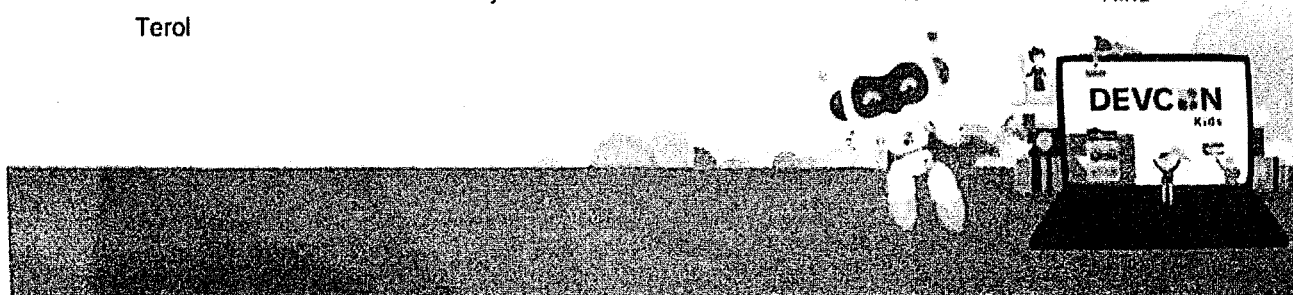
### Teaching Staff include DEVCON Volunteers:

Nidz & SanXai Nacilla  
Terol

Reyson Palacios

Robln Ramos

Nifia



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**FAQS:**

1. **Do the students need computer programming and/or mobile application development experience?**

No, we aim to train any individual interested to learn computer programming and mobile application development..

2. **Are we required to bring a laptop?**

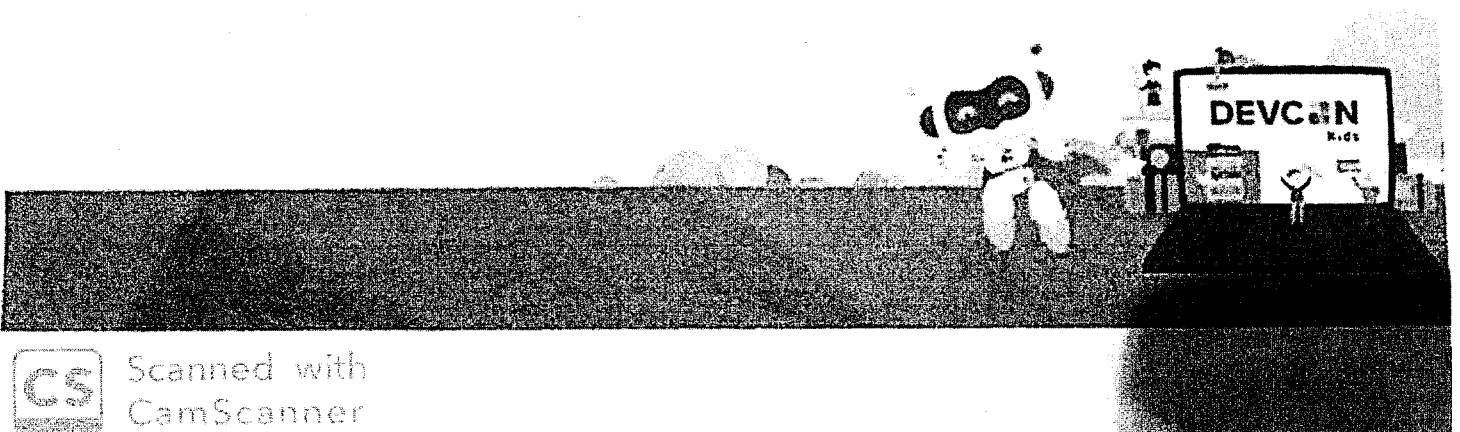
No. But we have limited laptops so it would be helpful if you could bring your own. Please make sure it will allow for USB access.

**Questions?**

Contact Event Coordinator Nidz Nacilla at [nnacilla@devcon.ph](mailto:nnacilla@devcon.ph)

**APPLY** online here <http://bit.ly/DEV4DEVKids>

by Jan. 24, 2020



## Workshop Schedule

### Day 1 (February 13)

8:00 am

Registration & Welcome

9:30

Think and Experience Mobile Apps

10:00

Snacks

10:30

Learn a Tool: App Inventor

12:30 pm

Lunch

1:30

Build and Program a Mobile App

4:00

Recap

5:00 pm

Dismissal

DICT Miami  
Oriental Office  
Calle Mario &  
Calle 54  
Callejón de Oro

### Day 2 (February 14)

8:00 am

Registration & Welcome

9:00

Dev4Dev Introduction

10:00

Snacks

10:30

Problem Solving Phase 1: Define

12:00

Lunch

12:30 pm

Meet the Mentors

1:00

Problem Solving Phase 2: Plan

2:30

Snacks

3:00

Problem Solving Phase 3: Prototype

4:00

Activity

5:00 pm

Dismissal

### Day 3 (February 15)

8:00 am

Registration & Welcome

9:00

Problem Solving Phase 3: Design and Prototype

10:00

Snacks

12:00 pm

Lunch

1:00

Problem Solving Phase 4: Test your Solution

2:00

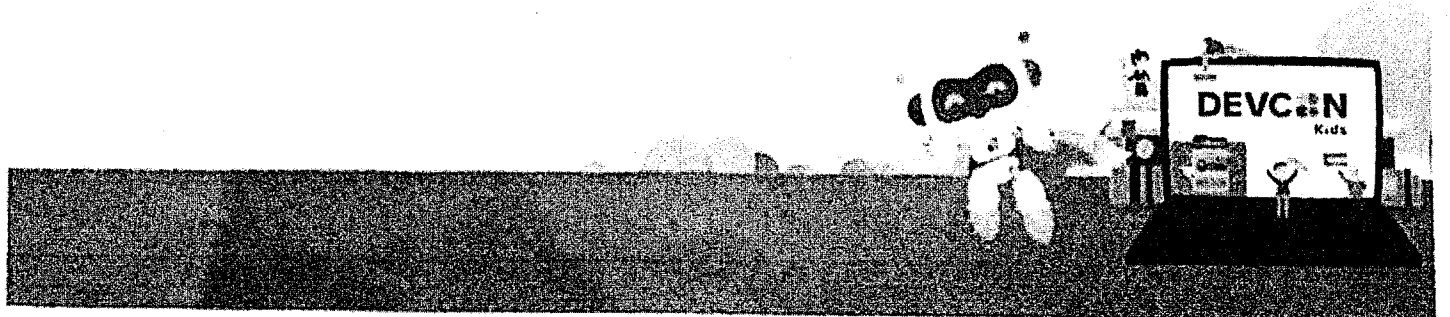
Problem Solving Phase 4: Iterate based on Feedback

3:00

Prepare for DEV4DEV Presentation

5:00 pm


Dismissal



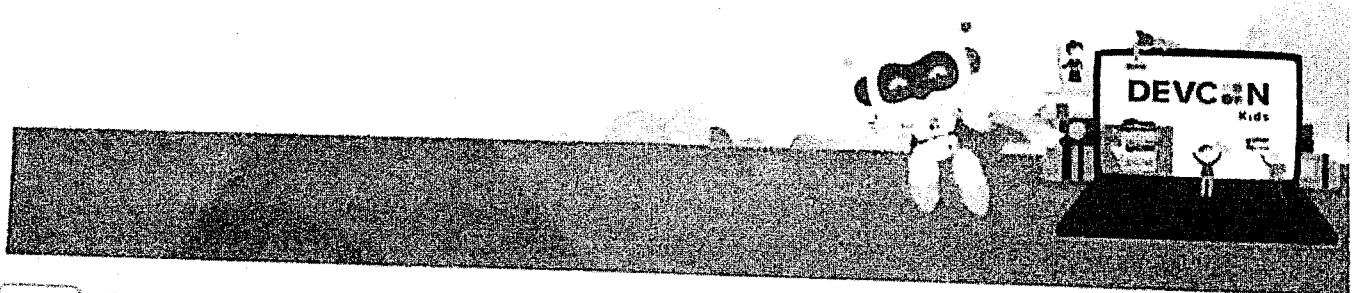
## Workshop Schedule (cont'd)

### Day 4 (February 16)

7:00 am	Departure from DICT Misamis Oriental Office
8:00	Arrival at Dahilayan Forest Park/Breakfast
9:00	Dev4Dev Presentation Preparation
10:00	Upload Mobile Apps to Google Play Store/Snacks
10:30	Pitch Clinic
11:30	Lunch
12:30 pm	Pitch Competition and Awarding
2:00	Closing Processing
3:00	Free time: Adventure Park
5:00	Dinner
6:00	Departure from Dahilayan Forest Park
7:00 pm	Arrival at DICT Misamis Oriental Office



Dahilayan Forest  
Park Resort,  
Manolo Fortich,  
Bukidnon



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