



Republic of the Philippines

Department of Education

MIMAROPA REGION

SCHOOLS DIVISION OF MARINDUQUE

**DIVISION MEMORANDUM**

Department of Education  
Division of Marinduque  
RECORDS SECTION  
RELEASED  
003343  
Signature: [Signature]  
Date: NOV 23 2023  
Time: [Time]

TO: Asst. Schools Division Superintendent

Chief Education Supervisors

Public Schools District Supervisors

Public Elementary and Secondary School Heads

All Others Concerned

FROM:

**LYNN G. MENDOZA, EDD**

OIC, Schools Division Superintendent

SUBJECT: **CALL FOR PARTICIPANTS TO THE CYBERSECURITY AND FUTURE-READY SKILLS IN MINECRAFT EDUCATION PROGRAM**

DATE: November 23, 2023

1. Attached is OUPS No. 2023-03-10755 from the Office of Atty. Revsee A. Escobedo, Undersecretary for Operations (OASOPS) and Bureau of Learner Support Services-Learner Formation Division (BLS-LFD) dated November 10, 2023 on the **Call for Participants to the Cybersecurity and Future-ready Skills in Minecraft Education Program** which will be launched on Saturday, November 25, 2023 at 10:00 am-1:30 am via Microsoft Teams Live Event.

2. In line with this, all elementary and secondary school learners in the Schools Division of Marinduque are encouraged to participate in the above-mentioned activity. Interested learners are advised to do the following:

- a. attend the **General Orientation on Saturday, November 25, 2023 at 10:00-11:30 am via Microsoft Teams** (<https://bit.ly/MinecraftOrientationPH>);
- b. like and follow the official Facebook page of the program (Minecraft Edu Live-Philippines) to be used for the live lessons and announcements (<https://bit.ly/MinecraftEduLivePH>); and
- c. submit an accomplished **Parental Consent Form and Waiver Form** (Annex B) to the Schools Division Office through <https://tinyurl.com/MinecraftConsent>.

3. For inquiries and concerns, please contact **Mrs. Glalza T. Palatino** or **Ms. Josefina P. Brual**, Project Development Officers through 09496527821 or 09066020672.

4. Immediate dissemination of the contents of this Memorandum is desired.

SGOD-LFS/GTP

*"DepEd Marinduque: Heart of the Philippines.  
Lead to Excel. Excel to Lead."*



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Republic of the Philippines  
Department of Education  
OPERATIONS

OUOPS No. 2023-03 - 1075  
MEMORANDUM

FOR : Minister, Basic, Higher, and Technical Education, BARM  
Regional Directors  
Regional and Division Youth Formation Coordinators  
Schools Division Superintendents  
All Others Concerned

FROM : *[Signature]*  
Atty. REYSEE A. ESCOBEDO  
Undersecretary for Operations

Dr. DEXTER A. GALBAN  
Assistant Secretary for Operations

NENETH ESPANA-ALAMA, PhD  
Director IV

Bureau of Learner Support Services

SUBJECT : CALL FOR PARTICIPANTS TO THE CYBERSECURITY AND  
FUTURE-READY SKILLS IN MINECRAFT EDUCATION  
PROGRAM

DATE : November 10, 2023

The Office of the Undersecretary for Operations (OUOPS), through the Office of the Assistant Secretary for Operations (OASOPS) and the Bureau of Learner Support Services-Learner Formation Division (BLSS-LFD), transitioning from Youth Formation Division, hereby encourages all learners to participate in the Cybersecurity and Future-ready Skills in Minecraft Education Program which will be launched on Saturday, November 25, 2023 at 10:00 a.m. - 11:30 a.m. via Microsoft Teams Live Event.

In partnership with Microsoft Philippines and their Global Training Partner, Line Learning and Development Solutions, this program aims to:

- a. develop learners' digital literacy, creativity, and innovation skills aligned with the national curriculum framework for ICT education;

LFD MGN/11107023



- b. support one of the goals of the National Cybersecurity Plan 2022 in developing a cyber-resilient society;

- c. enhance learners' interest and motivation in STEM fields, especially in computer science and engineering, which are in high demand in the global market; and

- d. foster collaboration and communication skills among learners, teachers, school leaders, and parents, as they work together to solve cybersecurity challenges in Minecraft.

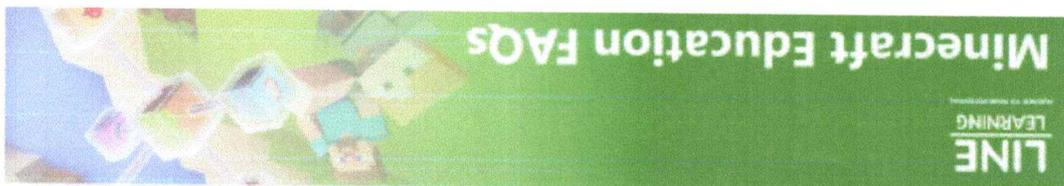
In this regard, the OUPS hereby requests all regional offices, division offices, and elementary and secondary schools, through their respective Youth Formation Coordinators (YFCs) and School Heads to encourage as many learners as possible to participate in the said program. For more details about the program, the **Frequently Asked Questions (FAQs)** can be found at **Annex A** or via <https://bit.ly/MEPHFAQ>.

Moreover, it is requested that technical assistance and support be provided to all interested learners the following:

- a. attend the **General Orientation on Saturday, November 25, 2023 at 10:00 -1:30 a.m. via Microsoft Teams** (<https://bit.ly/MinecraftOrientationPH>);
- b. like and follow the official Facebook page of the program (*Minecraft Edu Live Philippines*) to be used for the live lessons and announcements (<https://bit.ly/MinecraftEduLivePH>); and
- c. submit an accomplished **Parental Consent and Waiver Form (Annex B)** to their respective Schools Division Offices.

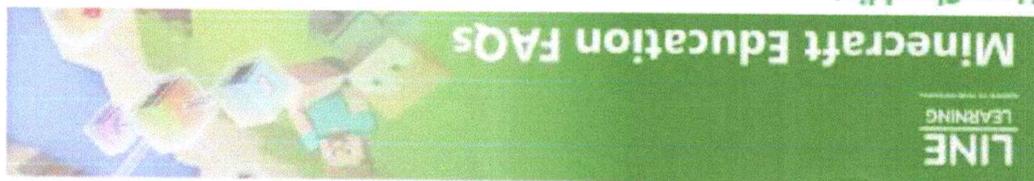
For inquiries and concerns, please contact Mr. Rovin James F. Canja, Project Development Officer IV, Officer-in-Charge of the BLS-LFD at email [blss.lfd@deped.gov.ph](mailto:blss.lfd@deped.gov.ph) or at telephone number 8637-9814.

Immediate dissemination of this Memorandum is desired.



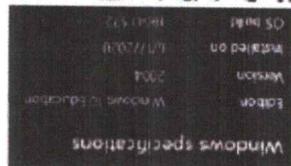
## Contents

User Checklist.....	2
Frequently Asked Questions (FAQ).....	3
How can I get my Office 365 Account and access to Minecraft Education?.....	3
I'm using a Windows laptop, where can I get Minecraft Education?.....	3
Can I install Minecraft Education on Apple products?.....	3
Can I install Minecraft Education on Google products?.....	3
Can I install Minecraft Education on my iPhone?.....	3
Will my device be able to run Minecraft Education?.....	3
Installation for Minecraft Education (Windows).....	4
Installation for Minecraft Education (macOS).....	5
Installation for Minecraft Education in iOS.....	7
Installing Minecraft Education on Chromebooks and Android.....	8



## User Checklist

1. A working device:
  - a. A Windows 10 or Windows 11 device with the latest update, preferably version 2004 for Windows 10. To check for your windows version, go to your Settings > System > About. If you will see a lower version, please go to Update and Security to Download the latest update.



- b. **MacBook, iPad, or iPhone:** Minecraft can be installed on Mac OS Big Sur 11 or higher version and iOS 11 or higher version.
- c. **Chromebook or Android Phone:** Minecraft can be installed on Chrome OS 83 or higher version and Android 8 mobiles OS or higher version.

2. A stable internet connection of at least 1-2 mbps. (During online collaboration)

3. An active Office 365 A3 Faculty/ Student account is required to access Minecraft Education. Please coordinate with your school ICT coordinator to get your Office 365 accounts

4. Open a web browser (Microsoft Edge, Google Chrome, Mozilla Firefox or Safari)

5. Install Minecraft Education in your computer. You may download the installer at <http://MINECRAFT.EDU>

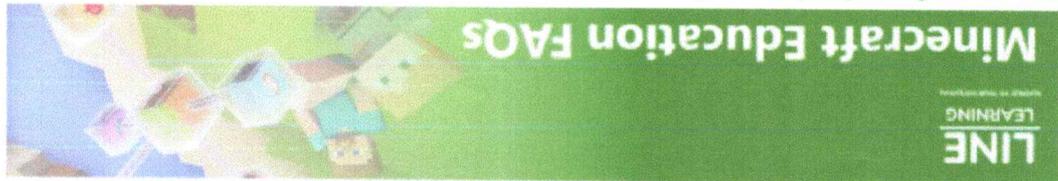
- To check if your computer is optimized for Minecraft please click the following [LINK](#)



- Install classroom mode for Minecraft Education from the following [LINK](#)

6. Make sure you have license for the following:
  - Microsoft 365 A3
  - Minecraft Education

To check please head to the following link <https://portal.office.com/account/?ref=MicControl#subscriptions>



## Frequently Asked Questions (FAQ)

How can I get my Office 365 Account and access to Minecraft Education?

For teachers, please coordinate with your school IT department or ICT Coordinators to get your accounts. For students, please connect with your teachers so they can request your accounts.

I'm using a Windows laptop, where can I get Minecraft Education?

You may download Minecraft on the following link <https://aka.ms/downloadmcs>

Can I install Minecraft Education on Apple products?

Yes, Minecraft is available on Mac and iPad. You may download the installer from the following link

Mac OS - <https://aka.ms/meecliententmacos>

iPad - <https://aka.ms/meeiosdownload>

Can I install Minecraft Education on Google products?

Yes, Minecraft is available in Chromebooks and Android. You may get Minecraft Education edition on the following links.

Chromebook or Android Phone - <https://aka.ms/mee-chromebook-download>

Can I install Minecraft Education on my Phone?

Yes, Minecraft Education is available on iOS and Android phones. You may download it using the following links.

iPhone - <https://aka.ms/meeiosdownload>

Android Phone - <https://aka.ms/mee-chromebook-download>

Will my device be able to run Minecraft Education?

For you to install and pay Minecraft Education, below are the technical requirements.

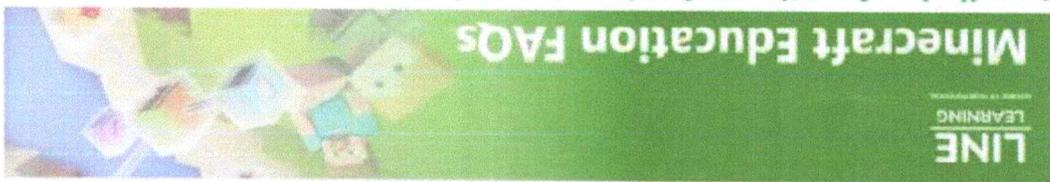
Hardware requirements:

- CPU: Intel Core i3-3210 3.2 GHz / AMD A8-7600 APU 3.1 GHz or equivalent
- RAM: 2GB
- GPU (integrated): Intel HD Graphics 4000 (Ivy Bridge) or AMD Radeon R5 series (Kaveri line) with OpenGL 4.4
- GPU (Discrete): Nvidia GeForce 400 Series or AMD Radeon HD 7000 series with OpenGL 4.4
- HDD: At least 1GB for game core, maps and other files

Software Requirements:

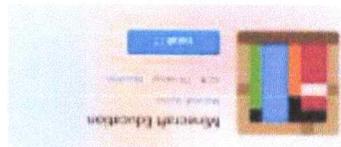
Device	Minimum supported OS*
Chromebook	Chrome OS 83
Mac	Big Sur 11
PC	Windows 10
Android Phone / Tablet	Android 8
iPhone / iPad	iOS 11 / iPad OS 11

\*Note: Minecraft Education should be able to run on the minimum supported operating systems, however, the experience will generally be better on the latest OS. Issues discovered that are specific to the minimum supported OS versions will not be prioritized.

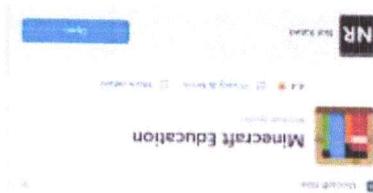


## Installation for Minecraft Education (Windows)

1. Head to: <https://aka.ms/downloadmee>



2. Click "Install"



3. Wait for the application to finish installing, and click Open



4. Upon completion the game will launch and ask for sign in credentials. Sign in with your Office 365 account to access the game.



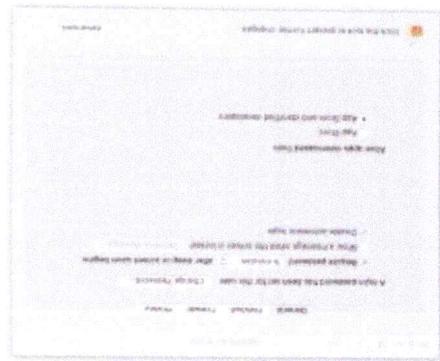
5. A successful sign on will bring you to the Minecraft Education start screen

SOURCE: [Windows Installation Guide – Minecraft Education](#)



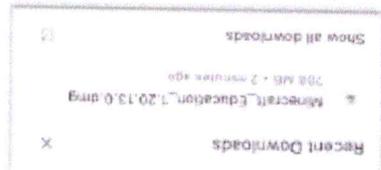
## Installation for Minecraft Education (macOS)

1. Access "System Preferences". To ensure that your macOS device is ready to install software from known developers, go to the "Settings" window from the dock, click "Security and Privacy", then make sure the "Allow apps downloaded from:" field is set to "App Store and identified developers". If this section is grayed out, then it must be changed by the device admin.

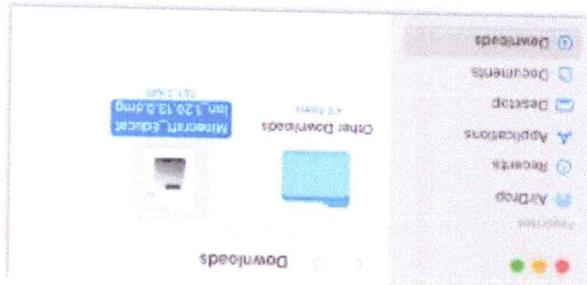


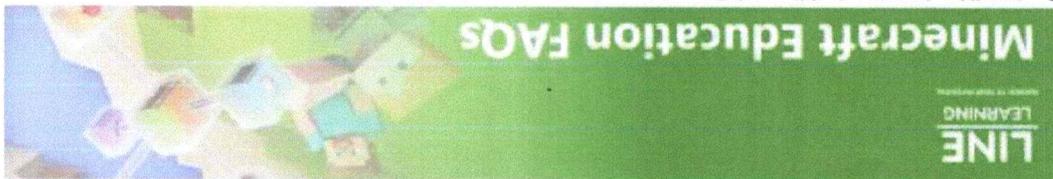
2. Head to <https://aka.ms/meeclientmacos>

3. Wait for the file to be downloaded.



4. Select Minecraft Education from the Downloads folder

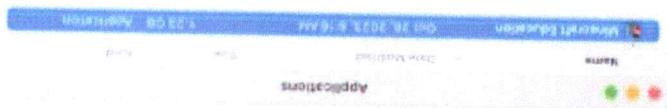




5. Install by dragging the Minecraft Education application to Applications folder



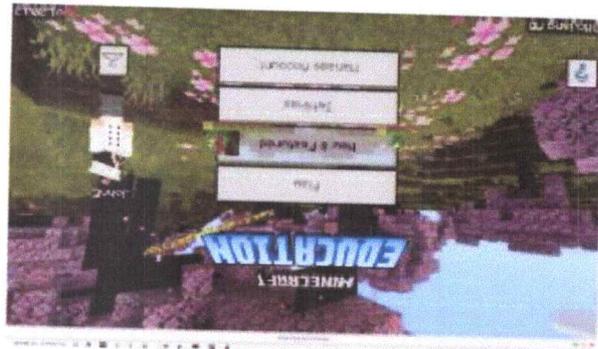
6. Open the Applications folder look for Minecraft Education.



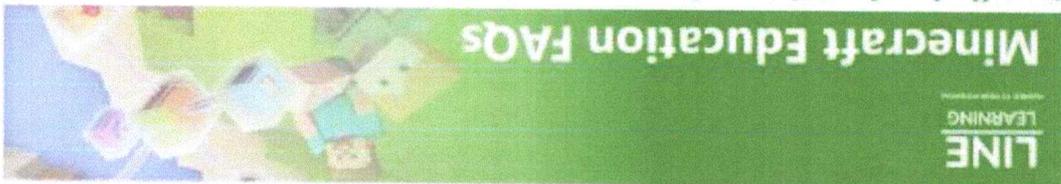
7. Sign in with your Office 365 account to access the game



8. Launch / Open Minecraft Education

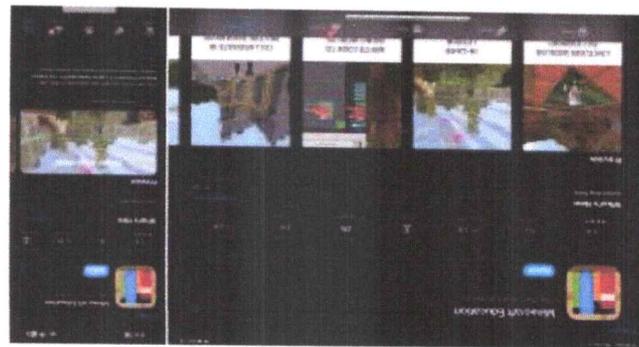


SOURCE: *Installation for Minecraft Education (macOS) - Minecraft Education Support*

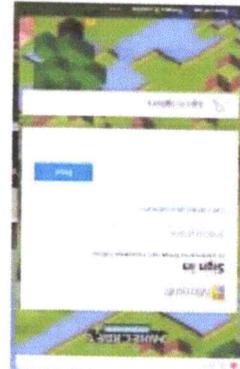


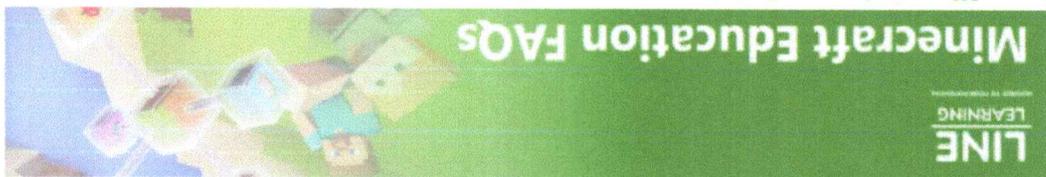
• iPad and iPhone  
 Available on the App Store

- Open your Apple App Store.
- Search for Minecraft Education Edition
- Tap install.



○ Log-in with your Office 365 account to play Minecraft.





## Installing Minecraft Education on Chromebooks and Android

Minecraft Education is available for download in both the managed Google Play Store and the consumer Google Play Store.

### Managed Play Store:

The managed Play Store allows an administrator of a domain to have control over which applications are enabled and how they are installed. To install Minecraft Education for managed Chromebook users, the administrator will need to enable managed Google Play, Android apps and Minecraft Education for the users. To enable the managed Play Store and Minecraft Education, please follow Google's instructions here:

- [Guidelines for deploying Android apps on Chromebooks](#)
- [Deploy Android Apps to managed Chromebook users](#)
- [Manage App Updates](#)

### Unmanaged (Consumer) Play Store:

To install Minecraft Education as an unmanaged user (for example, if you sign into your device with a personal Gmail account), you will need to log in to a device that supports the Google Play Store. You can install the application from the Play Store by following Google's directions here:

- [Get Android apps from the Google Play Store](#)

### Considerations for Shared Devices

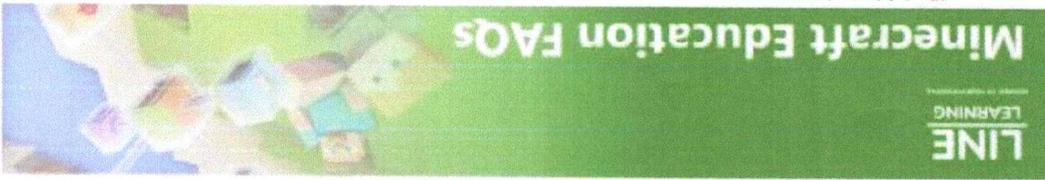
There are a couple of additional considerations to be aware of if the Chromebooks are shared between multiple students.

- **World Storage:** In Minecraft Education, worlds are stored locally on the device. If students frequently change devices or if accounts are removed when the student signs out, we strongly suggest exporting worlds and saving them to cloud storage or removable storage before signing off of the device.
  - **Installation/Hard Drive Usage:** Chromebooks keep applications separated for each user, which means each account on the device will install Minecraft Education independently. You will need to plan for 350-500 MB per user (250 MB for the app + space for worlds for each user) sharing the device.
- The managed Play Store does keep an application download cache that is shared across all users on a device to expedite installation meaning bandwidth to download the application should be once per device for users within the same domain.

### Device Requirements

There are a few technical requirements for using Minecraft Education on a Chromebook:

- OS: Chrome OS Version 83 or newer
- Hard Drive: ~500 MB space free per account sharing the device (1 GB recommend).
- RAM: 4 GB of RAM is recommended
- CPU: Processors with lower technical specifications may experience performance issues. We recommend closing all other applications while using Minecraft on these devices.
- Play Store: The Play Store & Android apps will need to be enabled. All 2019 or newer Chromebooks support the Play Store. For 2018 or earlier devices you can see Google support here: [Chrome OS Systems Supporting Android Apps](#). Note: Not all devices that support Android apps are compatible with Minecraft Education.
- **Experimental Mode:** Not supported. Since all user data is deleted on device sign out, both Minecraft and the worlds will be deleted on each sign out.



- **Kiosk Mode:** Not supported. Google will be removing support for Android apps on Kiosk Mode in 2021, so we do not plan on adding support for it at this time
  - **Input Devices:** Mouse, track pad and touch are fully supported.
- Additional details on technical requirements and guidance for all platforms can be found here: [Supported platforms for Minecraft Education](#)

SOURCE: [Chromebook Support - Minecraft Education](#)