

## Minecraft for Education

For this workshop you will need a personal computer capable of running the Minecraft for Education application. Minimum computer requirements are listed below. You will also need a webcam, mouse, and a headset to attend the Zoom live meetings with your instructors.

### Internet

- Check your internet speed at <https://www.speedtest.net/>
- Download Speed: 15 – 20 Mbps
- Upload Speed: 5 – 8 Mbps
- Ping Rate: Less than 100ms
- If internet is lower than these requirements, try sitting closer to your wireless access point, or plug your machine into your internet router using an ethernet cable.

### PC (right click My Computer icon > Properties)

- Windows 7 or higher
- Intel Core i3-3210 3.2 GHz or AMD A8-7600 APU 3.1 GHz or equivalent
- 2GB RAM
- Intel HD Graphics 4000 (Ivy Bridge) or AMD Radeon R5 Series (Kaveri line) with OpenGL 4.4
- At least 1GB Hard Disk space

### Mac (click Apple icon > About this Mac)

- High Sierra (10.13.0) or higher
- Intel Core i3 or higher
- Intel HD Graphics 4000 (Ivy Bridge) with OpenGL 4.4 (check the graphic card on your mac from <https://support.apple.com/en-us/HT202823>)
- At least 1GB Hard Disk space

### IOS Device (Settings > General > About)

- Size 289.4 MB
- Requires iOS 10.0 or later. Compatible with iPad
- Playable on Apple devices that has iOS 10.0 or later
- 1G of Memory

### Chromebook (click menu button > More Tools > Task Manager)

- Chrome OS 83 or higher
- RAM: 2GB
- CPU: Intel Core i3-3210 3.2 GHz / AMD A8-7600 APU 3.1 GHz or equivalent
- 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

Equipment:

- Computer mouse (for PC, MAC, and Chromebook)
- Headphones with microphone capability
- Webcam

Download before the first day of workshop

- <https://education.minecraft.net/get-started/download/>
- <https://zoom.us/download>
- Your Minecraft account and the password will be given to you the first day of the workshop and expire the last day of workshop.