



A3COD001C

(Token- required)

Coding Course (Level III):

Reimagine Hong Kong with Minecraft Education Edition

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Application Deadline
21 Jan 2022 12:00 n.n

Intended Learning Outcomes

Upon completion of the programme, participants should be able to:

1. Apply building and coding skills in Minecraft Education Edition (MCEE) to create a digital game in the theme of re-imagine Hong Kong
2. Understand engineering design and application of Redstone circuitry
3. Create a digital game by using code and Artificial Intelligence (AI) to automate effectively
4. Collaborate with peers to ideate, build and present their digital game project



◆ Introduction

Digital transformation is upon us. Can you imagine what Hong Kong could be like in 10 years while technology continues to evolve?

This course will introduce students to digital transformation, AI, coding and game design. Building on fundamental coding concepts, engineering and design in Minecraft Education Edition (MCEE), students will unleash their imagination and work in teams to create Minecraft worlds and games to conceptualize their future Hong Kong.

◆ Schedule

Session	Date	Time	Venue
1	26 Mar 2022	10:00 a.m. - 11:00 a.m.	HKAGE Zoom Meeting
2	11 Apr 2022	1:30 p.m. - 3:30 p.m.	
3	12 Apr 2022	1:30 p.m. - 3:30 p.m.	
4	13 Apr 2022	1:30 p.m. - 3:30 p.m.	
5	14 Apr 2022	1:30 p.m. - 3:30 p.m.	
6	19 Apr 2022	10:00 a.m. - 12:00 n.n.	
7	20 Apr 2022	10:00 a.m. - 12:00 n.n.	
8	21 Apr 2022	10:00 a.m. - 12:00 n.n.	
9	22 Apr 2022	10:00 a.m. - 12:00 n.n.	
10	7 May 2022	11:00 a.m. - 12:30 p.m.	Microsoft Hong Kong, Cyberport
10	14 May 2022	10:00 a.m. - 12:00 n.n. 2:30 p.m. - 4:30 p.m.	Room 303, HKAGE
11	21 May 2022		Room 105, HKAGE
12	28 May 2022		Room 403, HKAGE
13	4 Jun 2022	10:00 a.m. - 12:00 n.n.	Room 403, HKAGE
14	11 Jun 2022		Classroom 29, Buddhist Kok Kwong Secondary School (map)
15	18 Jun 2022		Room 105, HKAGE
16	25 Jun 2022		Classroom 29, Buddhist Kok Kwong Secondary School (map)
17	2 Jul 2022		Room 105, HKAGE
18	9 Jul 2022		
*19 Presentation Day	16 Jul 2022		
20	TBC	TBC	Microsoft Hong Kong, Cyberport (map)

◆ Target Participants

- S1 - S4 HKAGE student members
- Class size: 30

◆ What to bring

- iPad, PC or Mac (with charger)
- Mouse is recommended but not required
- Download and install Minecraft Education Edition: <https://education.minecraft.net/en-us/get-started/download>

◆ Medium of Instruction

English with English handouts

◆ Certificate

E-Certificate will be awarded to participants who have:

- Attended at least 15 sessions and *Presentation Day; AND
- Completed all the assignments with satisfactory performance in the final assessments