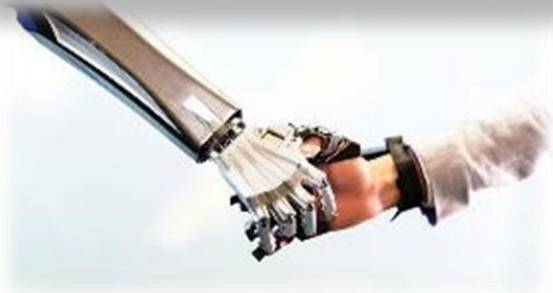




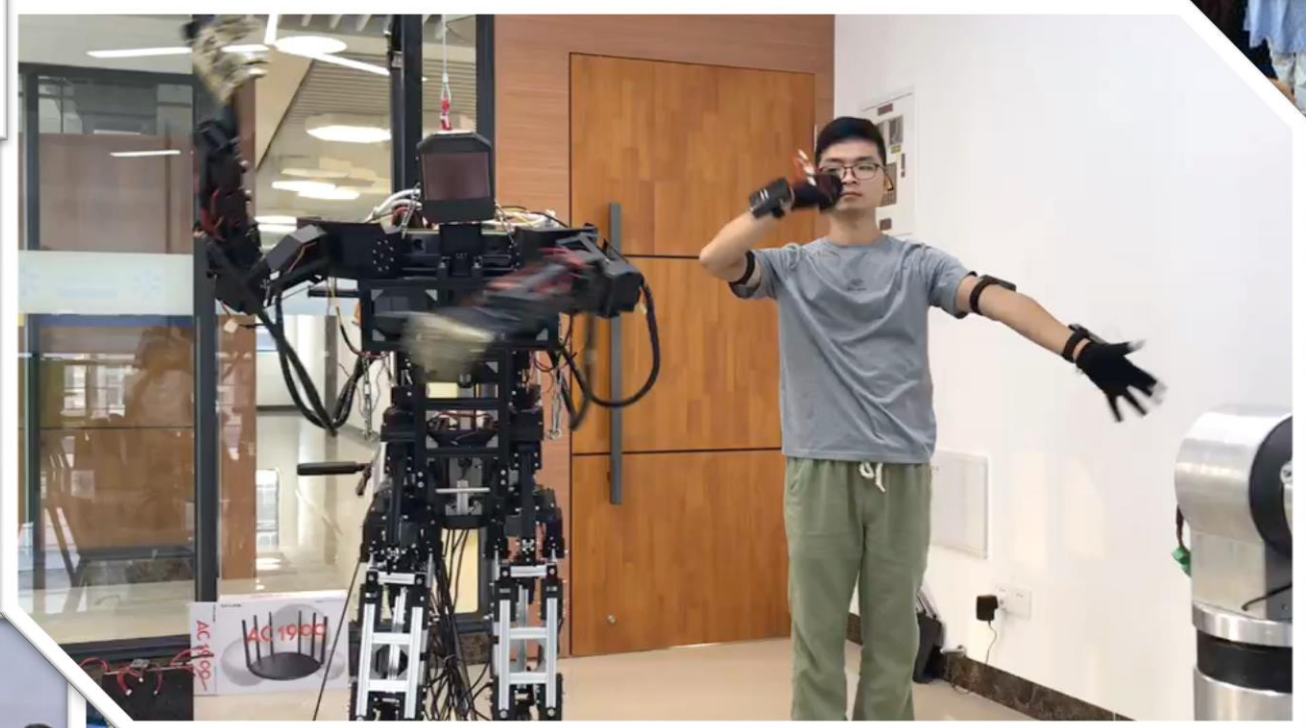
IT Innovation Lab in Schools IT-Lab Solution Sharing

17 Dec 2021



ROBORN

1st 5G Motion Control Humanoid Robot in China



Vision:

- Be the best tech developer, based in Hong Kong, reach out to the world
- Everyone will have a Roborn Tech movement experience in his/her life

Value Proposition: Technization™

- Integrate technology into an ecology to enable it to be more productive,
- efficient and sustainable for better human being as a prosperous cycle.



The First 5G Motion Control Humanoid Robot In China

Source: Brand Hong Kong



FUTURE for STEM 5G AI Robot

Vision

A STEM platform for the young generation forever

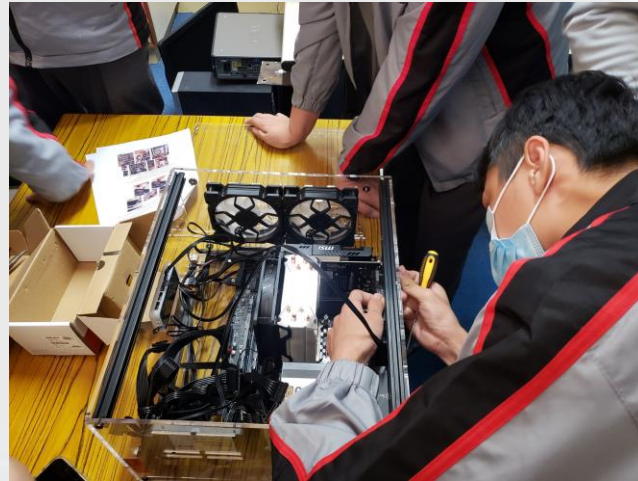
Mission

A STEM path to RUN

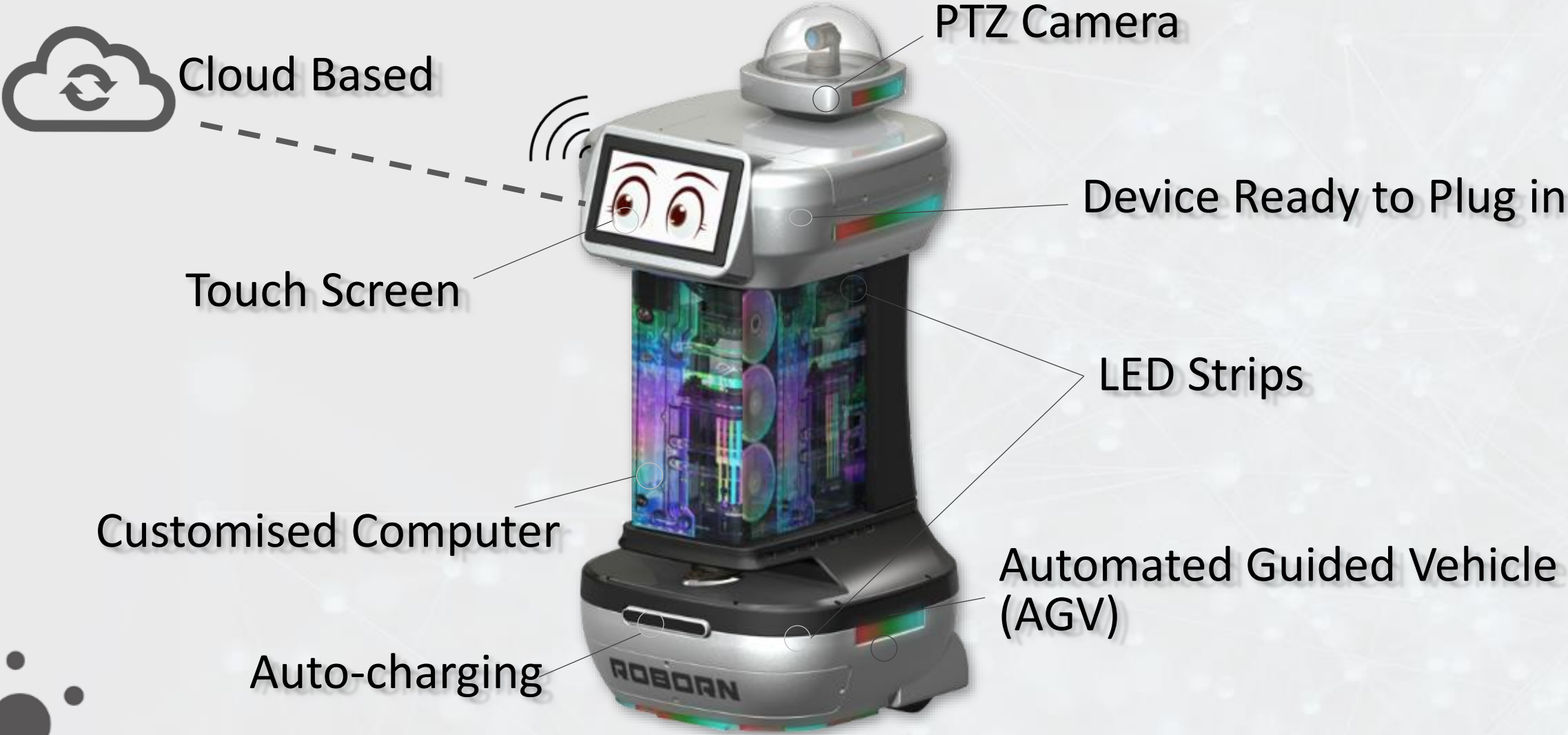
Realize our imagination

Unleash our potential

Nourish our future



FUTURE – Components



FUTURE – Modularity

4 Main Modules of FUTURE

1. Camera
2. Body with touch screen
3. User built PC
4. Automated Guided Vehicle



FUTURE



Meeting with OGCIO to learn more



Discussion with Education University of Hong Kong



Discussion with teachers and principals



Meeting with CEDB(Commerce and Economic Development Bureau)



Meeting with Environment Bureau Wong Kam-sing , Secretary for the Environment



FUTURE in ECO EXPO ASIA 2021



FUTURE STEM Program Design

- Professor Larry POON, designer for many programs for Universities and professional training institutes, he provided consultancy for the Qualification Framework of Hong Kong for HKCAA during the construction stage of the QF.
- Survey on students
- In-depth discussions with teachers and principals
- In-depth discussions with experts
- Collect feedback from conducted program
- Be-spoke *fitness for purpose* program based on unique context of individual schools

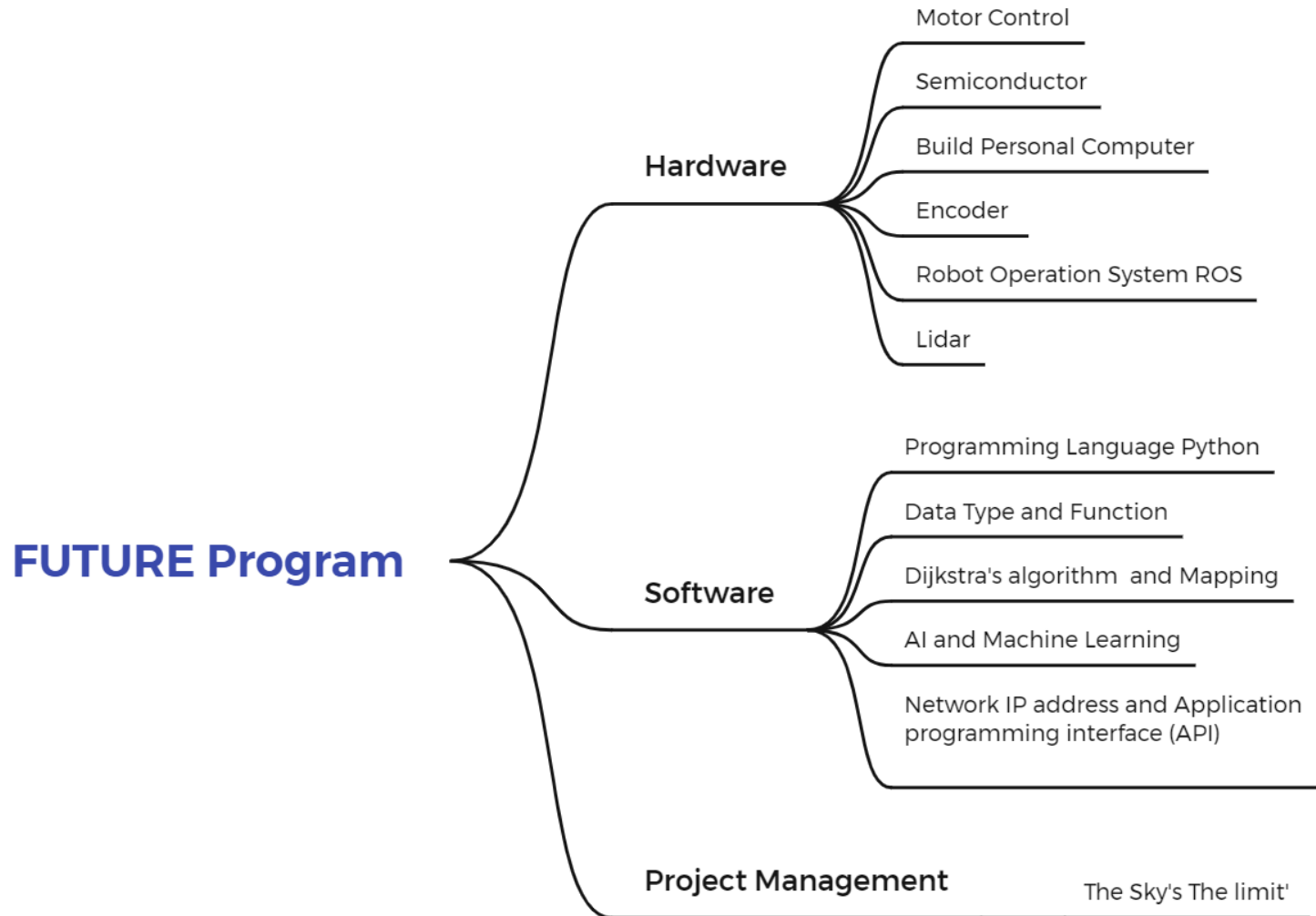
*Product designer of FUTURE Robot- Mark Mak, inventor of the first 5G humanoid robot in China

FUTURE - Integrated Project Based Learning (IPBL)

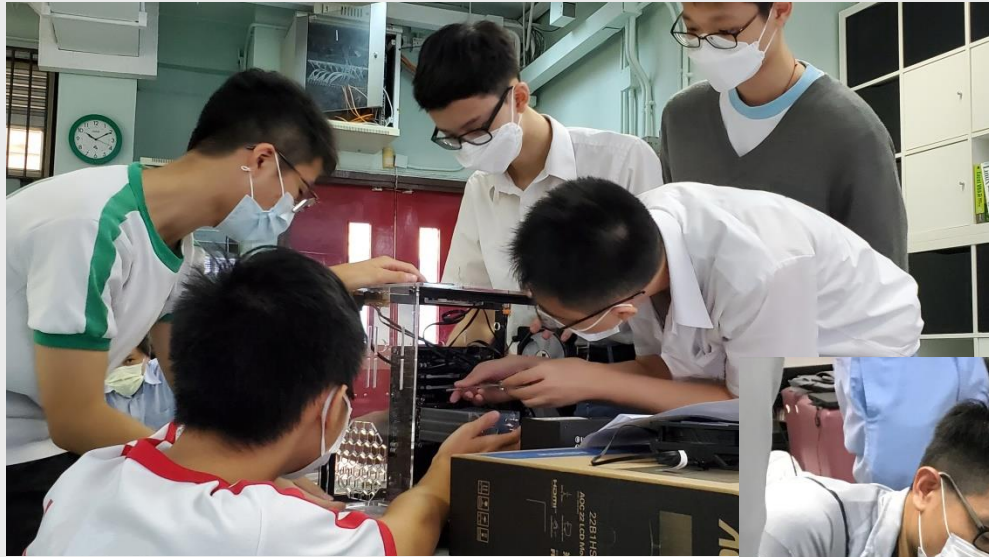
Integrated Project Based Learning framework in 3 levels:



FUTURE –Program Outline



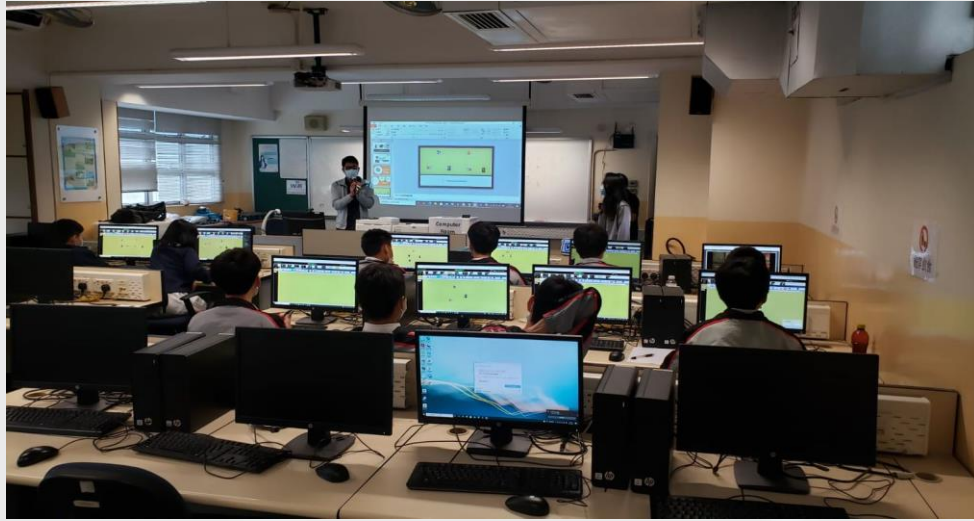
FUTURE STEM program for Secondary School



CASCCMC Summer Program



FUTURE STEM program for Secondary School



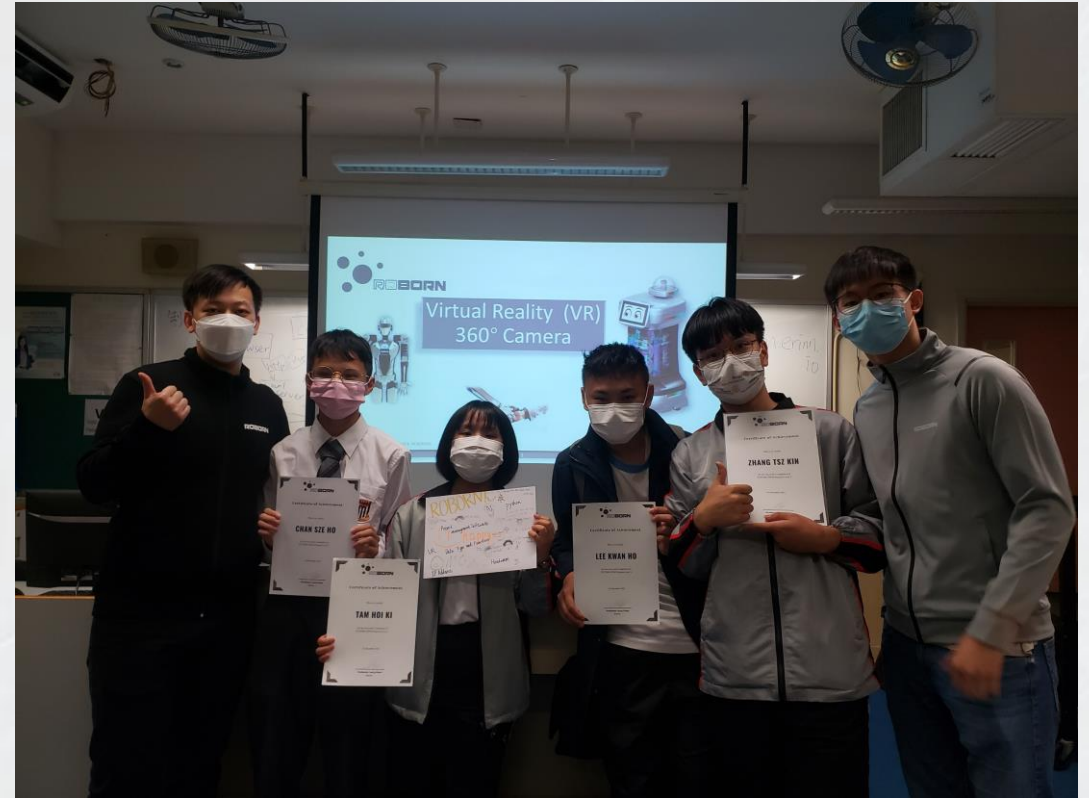
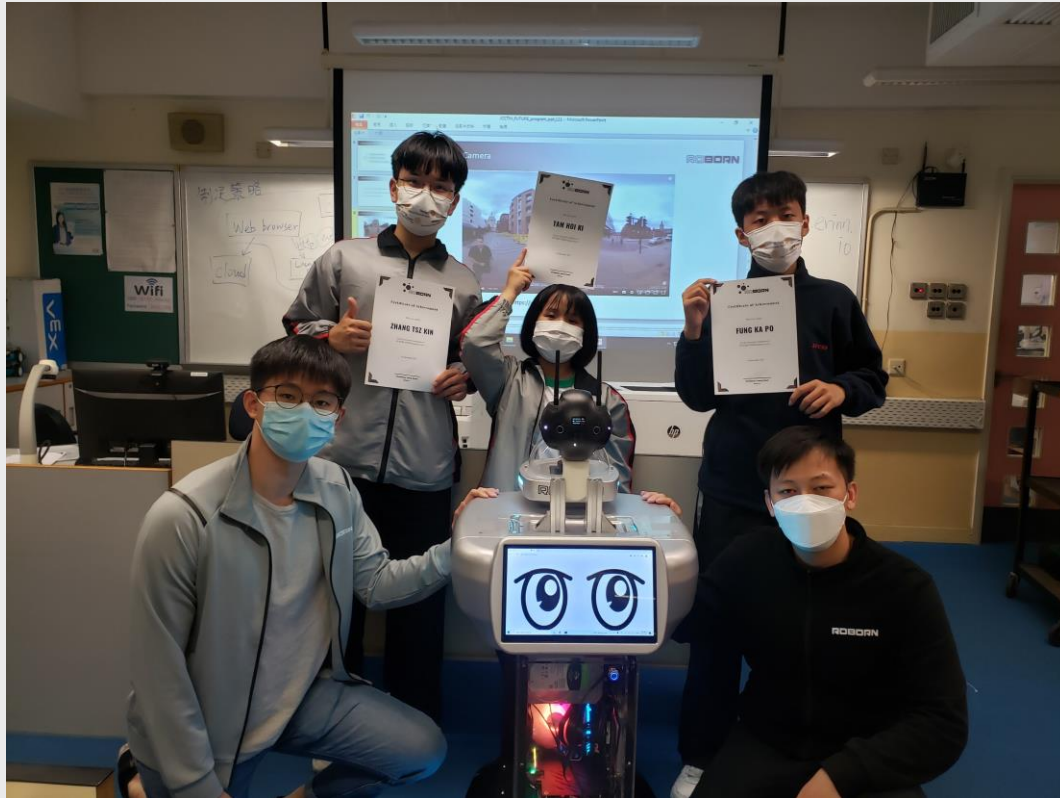
JCCTM Program in Oct 2021



FUTURE STEM program for Secondary School



FUTURE STEM program for Secondary School



CYMCA Primary School Info Day



Good to Great: we will do better



Reflection

Great
Incredible
Interesting
Excellent
Unbelievable
Nice
Good
Masterpiece
wonderful
Amazing
So fun
Exciting
satisfied
Fantastic



Thank you

