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AI for the Future
CUHK Jockey Club AI for the Future Project
中大賽馬會智為未來計劃

聯合主辦 Co-organized by:
The Chinese University of Hong Kong
Faculty of Engineering
Faculty of Education

捐助機構 Funded by:
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The Hong Kong Jockey Club Charities Trust

CUHK Jockey Club AI for the Future Project

E-LEARNING

電子學習分享研討會 SHARING SESSION

Speech by Professor Yeung YAM, Principal Investigator

活動協辦機構
Event Co-organizer:
香港教育城 HKedCity

活動支持機構
Event Supporting Organizations:
政府資訊科技總監辦公室
Office of the Government Chief Information Officer
AiTLE
香港電腦教育學會
The Hong Kong Association for Computer Education

Moving Towards the **AI Era…**

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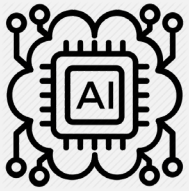
Growing Use of **AI**



The number of business adopting AI grew by

270%

in 4 years

(Gartner, 2019)

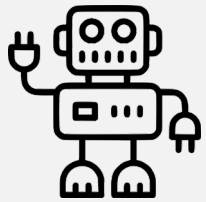
AI in Business

More than 90%

leading businesses have ongoing investments in AI

(NewVantage, 2020)

AI & Future of Work



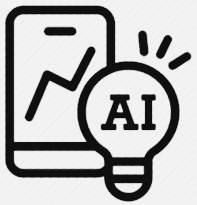
AI-related technologies will create

97 Million

positions till 2025.

(WEF, 2020)

AI Growth



The global AI market is expected to reach

$2670 Billion

by 2027

(Fortune Business Insights, 2020)

AI in Business Productivity

More than 50%

of businesses have reported a boost in productivity after having implemented AI

(PwC, 2018)

AI technology is changing our **LIFE** and **WORK**

AI Education Trend

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- Issued *"Next Generation Artificial Intelligence Development Plan"* in 2017
- To implement the "National Intelligence Education Project" to set up AI related courses in primary and secondary schools

- Education organizations developed national guidelines for teaching K-12 students about AI in 2018
- An online directory with AI teaching resources was also available for teachers to incorporate into their lesson plans

- CUHK launched **1st** AI Bachelor Degree in 2019 with **218** applicants
- Other upcoming AI degree by local tertiary institutions
- HK ranked **11th** in *Global Innovation Index 2020 (overall)*

Pedagogical Framework of Our AI Curriculum

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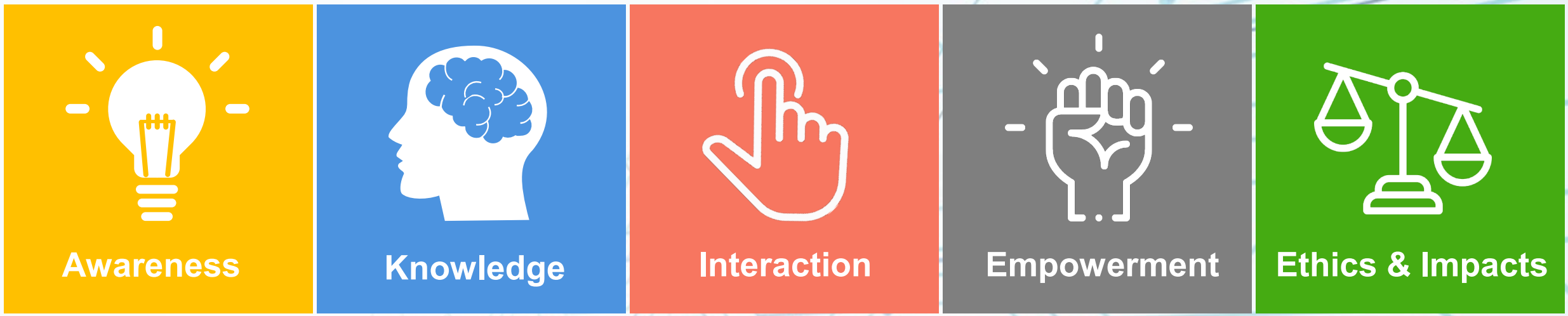

Outcomes of First Year Pilot Teaching

Students	% of Agreement
Increased awareness and understanding of the importance of AI	**90.0%**
Increased motivation in learning AI	**84.0%**
Increased ability to apply AI knowledge and skills	**87.5%**

Teachers	% of Agreement
Had a better understanding of the potential of AI	**100.0%**
Gained confidence to facilitate students to engage in inquiry-based learning on AI topics	**94.5%**
Applied knowledge and skills from the Project to classrooms	**94.5%**
Found the Project curriculum helpful	**88.9%**

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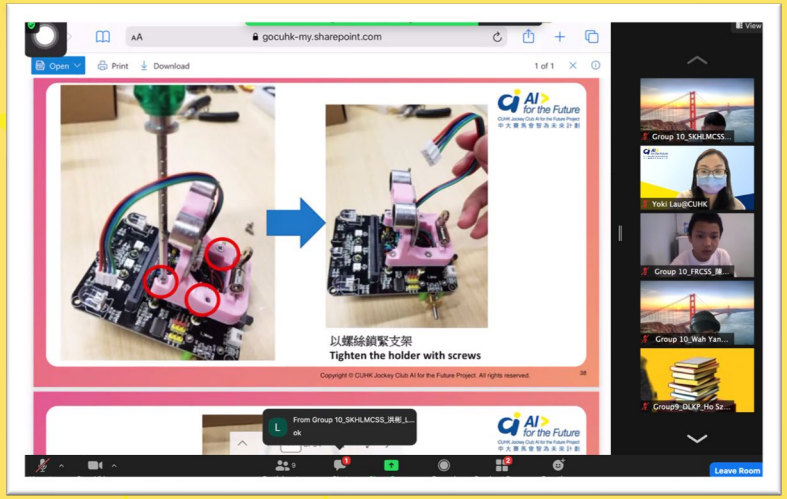
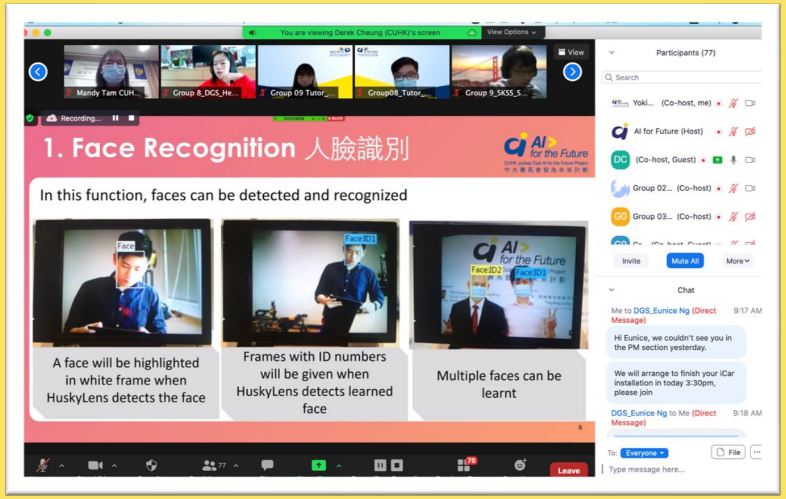
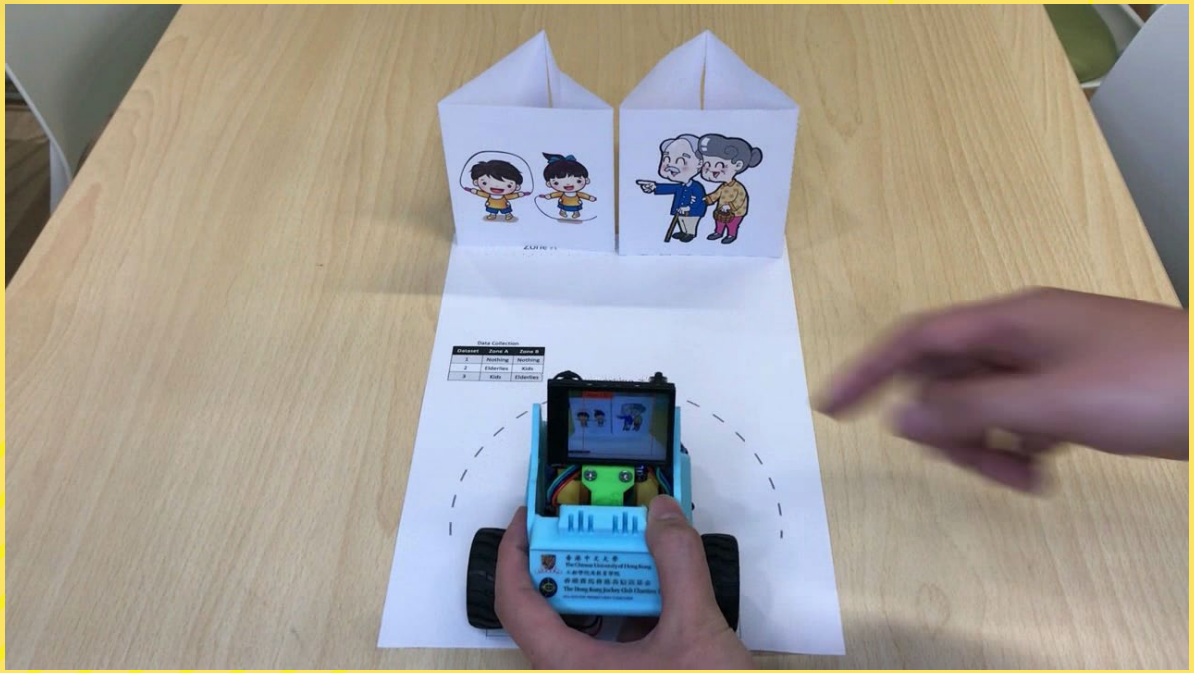
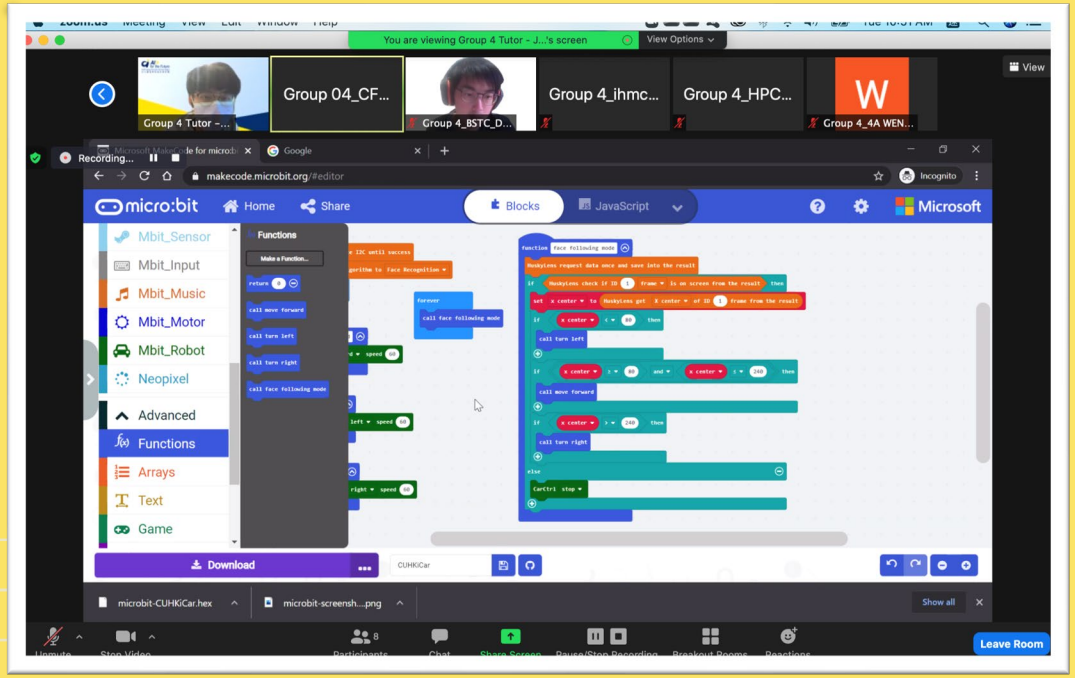
Self-Directed Learning Via Blended Learning

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