

Growing as Fast as AI

CUHK Jockey Club AI for the Future Project — Year Two (2020 – 21) Assessment and Evaluation Report

Project Contributes:



Novel & Comprehensive AI Curriculum



Interactive E-Platform & AI Learning Kits



Elements of AI Ethics & Societal Impacts



Teacher Training & Support



Public Education & Dissemination



Assessment & Evaluation

6 Pioneering Schools

- Diocesan Girls' School
- HKSCH Bishop Hall Secondary School
- Munsang College
- Man Kwan Pak Kau College
- The Chinese Foundation Secondary School
- Ying Wa College

(Ranked according to alphabetic order)

12 Year 2 Participating Schools

- Caritas Wu Cheng-Chung Secondary School
- Christian & Missionary Alliance Sun Kei Secondary School
- CUHKFAA Chan Chun Ha Secondary School
- G.T. (Ellen Yeung) College (Secondary Section)
- Hong Kong Taoist Association Yuen Yuen Institute No.1 Secondary School
- La Salle College
- Lam Tai Fai College
- Marymount Secondary School
- Pui Ching Middle School
- Man Kwan QualiEd College
- SKH Lam Woo Memorial Secondary School
- St. Paul's College

Full school list



Students (2,976 surveyed)

Key Learning Outcomes

AI Literacy

90.2% of students enhanced **knowledge of AI technologies** as well as the awareness and understanding of the importance of AI.

Design Capacity

87.4% students agreed the curriculum enhanced their **21st century skills** such as creativity and critical thinking.

Transferrable Knowing

84.6% students found themselves more **able to apply** the knowledge and skills acquired in AI lessons.

AI Citizenship

87.4% students gained better knowledge of the **ethical, governance, and safety challenges** posed by AI and technological innovations.

AI Readiness

84.2% students felt that they **were better prepared** for the changes in the future workplace brought by AI.

Enabling Attitudes

80.4% students had higher **confidence and motivation** in learning AI.

Teachers (48 surveyed)

Professional Development Goals

Technological Pedagogical Content Knowledge (TPACK) in AI

97.9% teachers gained both **pedagogical and technical knowledge** of designing and using the AI educational resources for teaching and learning, as well as knowledge to facilitate students' selection of the AI technologies to be

Enabling Attitudes

97.9% of teachers gained **confidence** to facilitate students' engagement in inquiry-based learning on AI topics. They **were willing to continue enriching their education practice** with new AI topics after the Project period.

Transferrable Knowledge

97.9% of teachers **were competent in using the educational resources** developed in the Project for AI teaching.

Building AI Education Community

48 teachers were nurtured.

Continuous Curriculum Improvement Capacity

90.3% of teachers were able to use the teaching management platform for data collection, analytics, evaluation to **facilitate pedagogical refinements**.

Co-organized by:



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