



香港資優教育學苑

The Hong Kong Academy for Gifted Education

香港特別行政區政府教育局資助

Subvented by the Education Bureau, the Government of the HKSAR



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A3STM014C

(Token-required)

[Gifted Programme]

STEAM Course (Level III):

STEAM Research Mentorship Scheme — Intensive Taster Workshop (A3STM014C)

College of Science of City University of Hong Kong



Application Deadline
17 Aug 2026, 12:00 noon

Result Release
25 Aug 2026

Intended Learning Outcomes

Upon completion of the gifted programme, gifted students should be able to:

1. Acquire a foundational understanding of cutting-edge artificial intelligence and explore its key applications;
2. Gain an initial understanding in scientific research including skills such as coding, teamwork, experimental, data analysis, writing, and presentation skills;
3. Engage directly with leading faculty and researchers to explore real-world scientific research environments; and
4. Develop a growth mindset and scientific curiosity when navigating complex data, fostering an appreciation for how collaborative research and technological innovations can positively transform global challenges.

◆ Introduction

Have you ever dreamed of conducting real research, stepping onto the global stage, or even owning your own patent?

The **STEAM Research Mentorship Scheme** is jointly organised by the College of Science at City University of Hong Kong and the HKAGE. Designed to identify and nurture Hong Kong's most talented young minds, the programme helps them build a solid foundation for future careers in research, innovation, and beyond.

This exciting journey begins with a one-month **"Intensive Taster Workshop"** at CityUHK, where participants will explore the mysteries of artificial intelligence through hands-on classes led by university researchers.

Outstanding participants will have the opportunity to be selected for advanced research teams at CityUHK. Over the course of a year, team members will work on real research projects—competing in STEAM competitions, publishing academic papers, presenting findings at international conferences, and even filing patents!

Schedule				
Session	Date	Time	Content	Venue
1	19 Sep 2026 (Sat)	9:30am – 12:30pm	Course	The City University of Hong Kong (Classroom is to be confirmed)
2	3 Oct 2026 (Sat)	9:30am – 12:30pm		
3	10 Oct 2026 (Sat)	9:30am – 12:30pm		
4	17 Oct 2026 (Sat)	9:30am – 12:30pm		
5	24 Oct 2026 (Sat)	10:00am – 12:00nn	Examination	

◆ Suitable for

- S1 to S6 HKAGE student members in 2026/27 school year
- 30 (A higher priority will be given to students who attended A3AIG002T)

◆ Medium of Instruction

English with English Handout

◆ Certificate

E-Certificate will be awarded to gifted students who have:

- attended all sessions; and
- Completed assessments with satisfactory performance

◆ Screening Criteria

Please answer the screening question in the online application form.

*The screening question is designed to help the applicant understands the course level and the course content. The question must be answered by the student applicant and it can only be attempted once. The answer cannot be changed once the application is submitted. Selection is based on students' performance in answering the question. Only students who can demonstrate motivation and the knowledge of scientific research in the screening question can be enrolled in the programme.

◆ Next Stage

Students with outstanding performance in this course will have the opportunity to be selected to proceed to the next stage — the STEAM Research Mentorship Scheme.

◆ Enquiries

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