



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

S2STM001C-1

[**Gifted Programme**]

STEAM Workshop (Level II):

Maker Workshop for Secondary Students

The Hong Kong Academy for Gifted Education
Talent Development Division - Specialisation and Innovation



Application Deadline
6 Jun 2025 12:00 noon

Result Release
10 Jun 2025

Intended Learning Outcomes

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

1. Address real-world problems using STEAM principles with maker and AI tools;
2. Incorporate aesthetic principles into projects to enhance functionality and appeal;
3. Critically reflect their work, identify improvement areas, and implement iterative design changes.

◆ Gifted Programme Introduction

This workshop combines theory and practice to help students master the core elements of STEAM. By using advanced tools and techniques, students will gain practical skills, from basic scientific concepts to practical project design, and learn how to use modern and A.I. technology to enhance creativity. The course content covers problem-solving, creative thinking, and useful operations. During the course, students will engage in independent learning and develop research skills. This not only enriches their knowledge of STEAM but also tests their innovative thinking and problem-solving abilities.

◆ Schedule

| Session | Date | Time | Venue |
|---------|-------------|-------------------------|-------|
| 1 | 28 Jun 2025 | 01:30 p.m. – 04:30 p.m. | HKAGE |
| 2 | 5 Jul 2025 | | |
| 3 | 12 Jul 2025 | | |
| 4 | 18 Jul 2025 | | |
| 5 | 21 Jul 2025 | | |

◆ Target Participants

- S1 to S6 HKAGE student members in 2024/25 school year

◆ Pre-requisite

- No Special Requirements

◆ Certificate

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

- attended at least 4 sessions; and
- completed all the assignments with satisfactory performance

◆ Screening

- Please answer the screening question in the online application form. The screening question is designed to help the applicants understand the course level and the course content. The question must be answered by the student applicants, 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 in the screening question can be enrolled in the programme
- Priority will be given to the [Academy's Got Talents](#) applicants

◆ Medium of Instruction

- Cantonese with Chinese Handouts