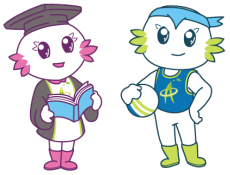
香 港 資 優 教 育 學 苑
The Hong Kong Academy for Gifted Education
香港特別行政區政府教育局資助
Subvented by the Education Bureau, the Government of the HKSAR



Learn about Gigi & Yoyo

[**Gifted Programme**]

E4MED001W
(Token- required)

Medical Science Workshop (Level IV): Applications of Biomedical Sciences in Our Daily Life

Prof Kingston MAK
Associate Professor, Department of Biomedical Sciences, City University of Hong Kong

Application Deadline
12 May 2025 12:00 noon

Result Release
16 May 2025

Intended Learning Outcomes

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

1. Relay biomedical sciences and technologies in daily life.
2. Recognise the research nature of being a scientist.
3. Demonstrate basic techniques of conducting molecular biology experiments.
4. Discuss ethical impacts of biomedical applications to our daily life.

If student members withdraw from the programme after the Application Deadline, the token will be deducted.

Gifted Programme Introduction

Biomedical sciences play a crucial role in our everyday lives, enhancing health care, disease prevention, diagnosis, and treatment. They also significantly influence our lifestyle and well-being, making them a vital component of modern society. In this workshop, we will showcase examples of biomedical applications to demonstrate the underlying scientific principles and offer interactive activities for scientific learning (e.g., molecular cloning, forensic examination, simulation of COVID-19 test). Students will also join guided tours to research laboratories.

Schedule

Session	Date	Time	Venue
1	8 Aug (Fri)	10:00 a.m. – 1:00 p.m.	City University of Hong Kong (Room number to be confirmed)
2		2:00 p.m. – 5:00 p.m.	

Suitable for

- S3 – S6 HKAGE student members in 2024/25 school year.
- Class size: 30
- Student members would be selected randomly by the computer system. The decision of HKAGE on the result of the selection should be final.

Pre-requisite

- Students with primary interest on biology, biotechnology, and biomedical sciences;
- Biology knowledge of S3 or above level is recommended.

Medium of Instruction

English with English handouts

Certificate

E-Certificate will be awarded to participants who have:

- attended **the 2 sessions**; AND
- completed all the assignments with satisfactory performance

Enquiries 3940 0101 programme@hkage.org.hk