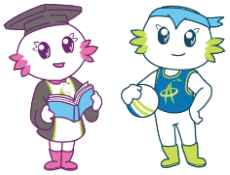
香 港 資 優 教 育 學 苑
The Hong Kong Academy for Gifted Education
香港特別行政區政府教育局資助
Subvented by the Education Bureau, the Government of the HKSAR



Learn about Gigi & Yoyo

E1STM011C
(Token- required)

[Gifted Programme]
STEAM Course (Level I)

Food Science and Technology

Prof. Marshal Liu

Application Deadline
10 Nov 2025 12:00 noon

Result Release
21 Nov 2025

Intended Learning Outcomes

Upon completion of the programme, participants should be able to:

1. demonstrate a clear understanding on basic food science and technology about the common food;
2. evaluate the nutrition and safety of food;
3. obtain hands on experience in food processing;
4. adopt a balanced and healthy diet in daily life.

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

Gifted Programme Introduction

Food is indispensable in our life. It provides energy, nutrition, and satisfaction. We obtain adequate and balanced nutrients from food, and meanwhile we should try to keep away from the junk food and unhealthy stuff. There are various so-called healthy food, super food and functional food on the market. Are they really useful? Food safety is undoubtedly critical to our health. Is your food contaminated by microbes or chemicals? How to tell the risk? Science gives us tools and knowledge to debunk food myths. This course will introduce food science and technology with real-life cases. In the lab session, students will obtain hands-on experience through food processing experiments. Future food, such as genetically modified food, artificial meat (plant-based meat or lab-grown meat), and novel food processing technology will also be discussed.

Schedule

Session	Date	Time	Venue
1	21 Feb	9:30 a.m. – 12:30 p.m.	Academic building , HKUST
2	28 Feb	9:30 a.m. – 12:30 p.m.	
3		2:00 p.m. – 5:00 p.m.	
4	7 Mar	9:30 a.m. – 12:30 p.m.	
5		2:00 p.m. – 5:00 p.m.	

Suitable for

- P4 to S3 HKAGE student members in 2025/26 school year
- Class size: 30
- S.1-S.3 student members will be given the priority
- P.4 to P.6 student members need to finished the E1STM001C or E1STM001C-2 in 24/25

Pre-requisite

No special prerequisites are needed

Medium of Instruction

Putonghua with English handouts

Certificate

E-Certificate will be awarded to participants who have:

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

Enquiries 3940 0101 programme@hkage.org.hk