



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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[ **Gifted Programme** ]  
**STEAM Course (Level I)**

**E1STM024C**

(Token- required)

# Creating a Future for an Ageing Society through Gerontechnology

Representatives from BNET-TECH Company Limited

**Application Deadline**

**16 Feb 2026 12:00  
noon**

**Result Release**

**27 Feb 2026**

## Intended Learning Outcomes

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

- understand the significance of gerontechnology and the real-world challenges of an ageing population;
- apply this understanding to design and build a functional gerontech prototype using Micro:bit;
- propose empathetic and innovative technological solutions to improve the lives of the elderly.



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

## ◆ Gifted Programme Introduction

The course introduces students to the concept of gerontechnology and its importance in addressing the challenges of an ageing society. Through hands-on activities, students will explore how technology, such as Micro:bit, can be used to design innovative solutions for elderly care. This project-based learning emphasizes design thinking, creativity, and coding skills to solve real-world problems. Students will also gain empathy for the elderly, understand their unique needs, and be inspired to create solutions that improve their quality of life. By the end of the course, students will have developed a broader perspective on gerontechnology and its potential to drive social change.

## ◆ Schedule

Session	Date	Time	Venue
1	8 Apr	9:00 a.m. – 12:00 noon	Room 403, HKAGE
2	8 Apr	1:00 p.m. – 4:00 p.m.	
3	10 Apr	9:00 a.m. – 12:00 noon	
4	10 Apr	1:00 p.m. – 4:00 p.m.	

\*Remark: Students must bring your own tablet or laptop to the class.

## ◆ Suitable for

- P4 – P6 HKAGE student members in 2025/26 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

No special prerequisites are needed

## ◆ Medium of Instruction

Cantonese with Chinese handouts

## ◆ Certificate

E-Certificate will be awarded to participants who have:

- attended at least 3 sessions; AND
- completed all the assignments with satisfactory performance