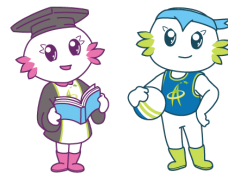




香港資優教育學苑

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 ]

 Trendy Academic Talk Series

STEAM Talk (Level I):

# Microplastics 101

E1STM009T

(Not-token required)

Dr. Patrick Yue

Department of Biology, Hong Kong Baptist University



**Application Deadline**

**2 Jul 2026**

**12:00 noon**

## Intended Learning Outcomes

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

1. explain the nature and features of microplastics;
2. describe the impacts of microplastics on natural environment;
3. gain inspiration from potential risk of microplastics on human health.



## ◆ Gifted Programme Introduction

Microplastics are tiny plastic fragments less than 5mm in size, they've become one of the most widespread pollutants on the planet in the last decades. Human activities are the main reason of it, like microbeads in cosmetics, plastic pellets used as raw material in manufacturing and synthetic textile fibers (e.g. polyester, nylon) released when washing clothes. These contribute to the primary microplastics. Also, the degradation of plastic bags, bottles or fishing nets etc. are consequently contributing the production of secondary microplastics. This talk will overview the nature and sources of microplastics and discuss the impact of microplastics from the environmental aspects and biological perspective.

This programme is under collaboration with Faculty of Science, Hong Kong Baptist University.

## ◆ Schedule

Session	Date	Time	Venue
1	15 Jul	9:30 a.m. - 11:00 a.m.	Room 105, HKAGE

## ◆ Suitable for

- P4 – P6 HKAGE student members in 2025/26 school year only.
- Class size: 120 (\* First-come, first-served)

## ◆ Medium of Instruction

Cantonese

## ◆ Certificate

E-Certificate will be awarded to participants who have attended the talk.

## ◆ Remark

Starting from the 2023/24 school year, after the first review period, ALL student members must complete the following requirements in each school year in order to maintain their membership:

- Attend One Talk; AND
- Participate in One programme or activity of any kind.

This talk is one of the items in the five domains of the Holistic Talk Series. The objective is to facilitate the all-round development of student' gifted potential.



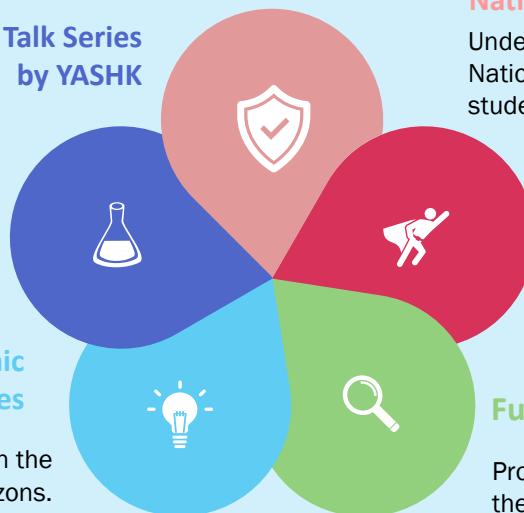
### Emerging Technology Talk Series by YASHK

Scientists introduce eye-opening emerging technology to enhance students' motivation to learn.



### Trendy Academic Talk Series

Introduce trendy topics to widen the students' horizons.



### National Security Talk Series



Understanding the meaning of National Security, enhances students' sense of national identity.

### Ignite Life Talk Series



Celebrities share their life-changing moments to enhance students' aspirations for life.

### Future Insight Talk Series



Professionals share insights about the latest trends in their industry to help students plan their future.

◆ Enquiry

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✉ programme@hkage.org.hk