

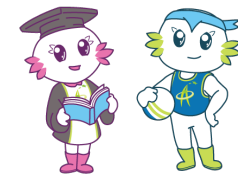


香港資優教育學苑

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](#)

E1ENV011W

[\(Token- required\)](#)

[**Gifted Programme**]

Environmental Science Workshop (Level I)

**Fresh Water Treatment and Quality Control-
Exploring Ma On Shan Water Treatment
Works**

Water Supplies Department



Application Deadline

**17 Feb 2025 12:00
noon**

Result Release

21 Feb 2025

Intended Learning Outcomes

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

1. explain the water treatment processes after the Dongjiang water and local raw water entering the water treatment works;
2. examine the water quality control process in Hong Kong;
3. illustrate the daily operations of the water treatment plant and Hong Kong's water supply system;
4. foster a stronger desire to pursue further studies in engineering and related disciplines.

◆ Gifted Programme Introduction

Have you ever wondered where the water comes from when you turn on the tap at home every day? Is the water from the tap safe for drinking? How does water from the Dongjiang River and local catchment areas transform into the water that flows from your home tap?

In this workshop, students will delve into the Ma On Shan Water Treatment Works, which provides drinking water for residents of Sha Tin and Ma On Shan. They will gain an understanding of the water treatment processes and quality control measures in Hong Kong, tracing how water from the Dongjiang River and local catchment areas is purified into safe drinking water that reaches their home taps. Students will have the opportunity to learn about the water treatment technologies employed by the Water Supplies Department and the stringent water quality monitoring standards in place. They will also explore the daily operations of the water treatment plant and the functioning of Hong Kong's water supply system. This workshop aims to deepen students' understanding of Hong Kong's drinking water supply and ignite their interest in pursuing further studies in engineering and related fields.

◆ Schedule

Session	Date	Time	Venue
1	22 Mar 2025 (Saturday)	2:30 p.m. – 5:30 p.m.	Ma On Shan Water Treatment Works*

*Assembly and Dismissal Point: Ma On Shan Plaza (next to Bayshore Towers)

All students must assemble and dismiss at the designated location. The Water Supplies Department will arrange shuttle bus for students to Ma On Shan Water Treatment Works.

◆ Suitable for

- P4 – P6 HKAGE student members in 2024/25 school year.
- Class size: 28
- 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 ALL sessions; AND
- completed all the assignments with satisfactory performance

◆ Enquiries

☎ 3940 0101

✉ programme@hkage.org.hk