



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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E1ENV019W

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

[**Gifted Programme**]

Environmental Science Workshop (Level I)

A Journey to Happy Valley Underground Stormwater Storage Tank

Docent from Drainage Services Department



Application Deadline
9 Dec 2024 12:00 noon

Result Release
16 Dec 2024

Intended Learning Outcomes

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

1. elaborate the basic concepts of stormwater management and the function of the Happy Valley Underground Stormwater Storage Scheme;
2. explain the functions of various components of the scheme, including the underground storage tank, movable weir, and pump house;
3. articulate the importance of sustainability and how initiatives like the stormwater storage scheme contribute to environmental protection and community safety;
4. develop an interest in studying environmental science and engineering through interactive dialogue.

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

◆ Gifted Programme Introduction

Join us for an insightful exploration of the Happy Valley Underground Stormwater Storage Tank, a pioneering flood prevention project in Hong Kong. This innovative facility combines a movable weir and advanced monitoring systems to manage stormwater effectively. Experience a real tour to discover how this underground reservoir, built to alleviate flooding in densely populated areas, operates. Learn about its impact on flood management and environmental sustainability, making it a vital asset for our community.

◆ Schedule

Session	Date	Time	Venue
1	4 Feb 2025 (Tue)	2:30 p.m. – 4:00 p.m. (Gathering Time: 2:15 p.m.)	Happy Valley Underground Stormwater Storage Tank (Gathering Point: Gate of the Hong Kong Racing Museum) * Some of the visit locations are enclosed spaces. Parents should assess whether it is suitable for the children to participate in this course based on their physical condition.

◆ **Suitable for**

- P4 – P6 HKAGE student members in 2024/25 school year only.
- Class size: 24
- 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.

Only the following individuals should assess for themselves whether they are suitable to participate in this course based on their physical condition:

- Anyone with chronic respiratory diseases;
- Individuals with claustrophobia;
- Individuals with chronic illnesses, such as heart disease or hypertension.

◆ **Medium of Instruction**

English with English handouts

◆ **Certificate**

E-Certificate will be awarded to participants who have:

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

