



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

Intended Learning Outcomes

Result Release 16 Dec 2024

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.

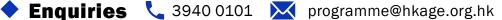
Gifted Programme Introduction

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 |
|---------|---------------------|--|---|
| | | 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) |
| 1 | 4 Feb 2025 (Tue) | | * 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