



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](#)

E1DAS008W

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

Data Science Workshop (Level I)

GIS Workshop for Senior Secondary

Instructors from The Geospatial Lab



Application Deadline

17 Nov 2025

12:00 noon

Intended Learning Outcomes

Upon completion of the programme, participants should be able to:

1. describe the general knowledge of spatial data and Geographic Information System (GIS);
2. illustrate the application in spatial data, 3D mapping and graphics;
3. solve spatial problems by operating GIS software;
4. develop critical thinking when analysing various data, mapping and graphics in one go.

Result Release

18 Nov 2025

◆ Introduction

The Geospatial Lab (GeoLab) is established by the Development Bureau of the HKSAR Government and operated by the Tung Wah Group of Hospitals to encourage the public to make use of spatial data in developing smart applications, dovetailing the Common Spatial Data Infrastructure (CSDI) initiative in support of smart city development.

Students will find useful information from the GeoLab, including knowledge of spatial data and 3D mapping in developing smart applications; how to apply data science concepts into daily life and application of geographic information system (GIS) software, etc.

Students will be divided into different groups to collect data, illustrate the collected data to create story maps, and present their story maps in Session 2.

*Session 2 is the “Geo-STEAM 2025” competition organized by The Geospatial Lab.

◆ Schedule

Session	Date	Time	Venue
1	29 November 2025 (Saturday)	2:30 p.m. – 5:30 p.m.	The Geospatial Lab Units 915-918, 9/F, Tower 1, Millennium City 1, 388 Kwun Tong Road, Kwun Tong, Kowloon
2	20 December 2025 (Saturday)		

◆ Target Participants

- S4 – S6 HKAGE student members in the 2025/26 school year.
- Class size: 15
- 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 Cantonese handouts

◆ Certificate

E-Certificate will be awarded to participants who have:

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