

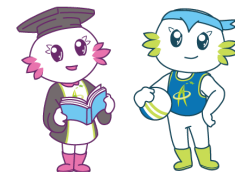


香港資優教育學苑

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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E1MUL001C

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

[**Gifted Programme**]

Culture and Science Course (Level I) Encountering Indigo – Exploring Natural Dye

Instructors from Kadoorie Farm and Botanic Garden



Application Deadline
8 Sep 2025 12:00 noon

Result Release
12 Sep 2025

Intended Learning Outcomes

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

1. explain the Chinese Indigo's plant features, ecological importance, and the cultural heritage in indigo dyeing;
2. demonstrate the extraction and dyeing process with natural indigo;
3. reflect on the cultural and communal significance of natural dye, and summarise learning through artistic creation;
4. create collective natural dye artworks with team works and discussions.

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

◆ Gifted Programme Introduction

Did you know the indigo blue on jeans can come from a native Hong Kong plant called Chinese indigo (*Strobilanthes cusia*, 「馬藍」)? To mark the Year of the Horse in 2026, this programme takes inspiration from the character 「馬」 in 「馬藍」, offering an interdisciplinary journey that blends ecology, art, and tradition – culminating in a student showcase at your school around Chinese New Year.

Used for centuries as a natural dye, Chinese indigo also supports local ecosystems as a habitat and food source for insects. Its dyeing process is both eco-friendly and rooted in science, involving oxidation-reduction reactions, pH levels, and temperature control – where traditional craft meets scientific discovery.

Join our STEAM-based journey, guided by interdisciplinary artists, to explore the living chemistry and cultural richness of natural indigo. After the course, students' works will be displayed at the "Countryside Eco-Festival" at KFBG on 7 to 8 Feb 2026, and they will have the opportunity to participate in the curation and presenting artwork for "Countryside Eco-Festival".

◆ Schedule

Session	Date	Time	Venue
1	25 Oct 2025	10:00 a.m. to 12:00 noon	Kadoorie Farm and Botanic Garden Lam Kam Road, Tai Po, New Territories, Hong Kong (Assembly and Dismissal at the main entrance of KFBG)
2	1 Nov 2025	10:00 a.m. to 12:00 noon	HKAGE Room 303
3	8 Nov 2025		
4	6 Dec 2025	10:00 a.m. to 1:00 p.m.	HKAGE Room 403
5	24 Jan 2026		HKAGE (TBC)
6	31 Jan 2026	10:00 a.m. to 12:00 noon	HKAGE Room 403

◆ Suitable for

- P5 – S1 HKAGE student members in 2025/26 school year.
- Class size: 35
- Students who are interested in showcasing and introducing their work at "Countryside Eco-Festival" at KFBG on 7 to 8 Feb 2026.

◆ Pre-requisite

No special prerequisites are needed

◆ Medium of Instruction

Cantonese with Chinese/English handouts

◆ Certificate

E-Certificate will be awarded to participants who have:

- attended at least 5 sessions; AND
- completed all the assignments with satisfactory performance