



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](#)

A2DES002C

(Token- required)

[ **Gifted Programme** ]

**Design Course (Level II)**

# Nature-inspired Design – Nature Exploration

School of Design, The Hong Kong Polytechnic University



**Application Deadline**

**1<sup>st</sup> round: 25 Nov**

**2<sup>nd</sup> round: 1 Dec**

**12:00 noon**

**Result Release**

**1<sup>st</sup> round: 26 Nov 2024**

**2<sup>nd</sup> round: 2 Dec 2024**

## **Intended Learning Outcomes**

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

1. observe the details and mechanisms of the natural world;
2. document the observations of nature with different methods such as sketching, photography, note-taking;
3. draw inspirations, from the observations of natural mechanisms;
4. conduct research and investigation with proper organisation of the findings to conceive design ideas;
5. foster a sense of curiosity and wonder about the design and creative industry.

## ◆ Gifted Programme Introduction

The world's challenges often find answers in nature in inspiring ways. To design is to critically identify points of challenge and potential, to intend positive change, to ideate new possibilities, and to bring abstract ideas to real life through materialisation.

This phase of study (Nature Exploration) will guide students to gain a sense of purpose to be inspired by nature and to be fully immersed in the natural world. Student will learn to make detailed observations through hands-on activities and draft a future scenario that necessitates innovation.

### Related Programmes:

Design Workshop (Level II): Nature-inspired Design – How Innovation Comes to Life (A2DES001W) ([LINK](#))

Design Course (Level II): Nature-inspired Design – Technology Exploration (A2DES003C) - [LINK](#)

A2DES001W  
Information

A2DES003C  
Information

## ◆ Schedule

Session	Date	Time	Venue
1	7 Dec	9:00 a.m. – 12:00 noon	The Hong Kong Polytechnic University
2	14 Dec	1:00 p.m. – 5:00 p.m.	Wu Kau Tang
3	21 Dec	1:00 p.m. – 5:00 p.m.	Wu Kau Tang
4	23 Dec	1:00 p.m. – 5:00 p.m.	Lake Egret + Tai Po Kau Nature Reserve
5	27 Dec	12:00 noon – 5:00 p.m.	Lake Egret
6	30 Dec	9:00 a.m. – 12:00 noon	The Hong Kong Polytechnic University

\*\*The assembly and dismissal arrangement is to be announced later.

## ◆ Suitable for

- S1 to S6 HKAGE student members
- Class size: 25
- 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

- It would be an advantage if applicant have attended Design Workshop (Level II): Nature-inspired Design (A2DES001W) ([LINK](#))
- It would be an advantage if applicant have applied Design Course (Level II): Nature-inspired Design – Nature Exploration (A2DES003C) ([LINK](#)) together.

## ◆ Medium of Instruction

English with English Handouts

## ◆ Certificate

E-Certificate will be awarded to gifted students who have:

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