



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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[**Gifted Programme**]

Palaeontology Course (Level I)

Fossil Mystique – Ancient Creatures and Their World

Mr. Lung Tak Chun

Dinosaur @ Fossil Lab



Application Deadline
13 May 2024 12:00 noon

Result Release
24 May 2024

Intended Learning Outcomes

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

1. describe the evolution of earth, environmental characteristics and representative species in different geological ages;
2. illustrate the types of common fossils and the conditions and processes for their formation;
3. apply appropriate tools and techniques to fossil excavation;
4. explain the facts of prehistoric life existence in a scientific and logical manner;
5. foster a stronger desire to pursue further studies in Palaeontology and related disciplines;

◆ Gifted Programme Introduction

The Earth has been in existence for more than 4 billions years. Human beings have existed for a very short period of time. Prior to our existence, the Earth's environment and living things have changed dramatically many times. There have been all sorts of mysterious ancient creatures that existed in different geological eras. But... have you ever seen the evidence of the existence of these ancient creatures?

In this course, starting with the basic concepts of paleontology and fossils, learn about geological time and the various types of ancient creatures in each era. Students can visit and touch the fossils. By the end of the programme, students will be provided to a chance to retrieve a real fossil sample and take it home for collection.

◆ Schedule

Session	Date	Time	Venue
1	17 Jul	11:00 a.m. – 1:00 p.m.	Room 403, HKAGE
2	22 Jul	11:00 a.m. – 1:00 p.m.	Room 203, HKAGE
3	24 Jul	11:00 a.m. – 1:00 p.m.	Room 403, HKAGE
4	29 Jul	11:00 a.m. – 1:00 p.m.	Room 203, HKAGE
5	31 Jul	11:00 a.m. – 1:00 p.m.	Room 403, HKAGE
6	5 Aug	11:00 a.m. – 1:00 p.m.	Room 203, HKAGE

◆ Suitable for

- S1 to S6 HKAGE student members
- Class size: 20
- 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

◆ Certificate

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

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

◆ Medium of Instruction

Cantonese with Chinese Handouts