



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

E1STM003C

(Token- required)

[**Gifted Programme**]

Advanced Forensic Science Course (Level I)

Advanced Forensic Science of Sherlock Holmes

Mr. Felix Tse

(Science World Limited)



Application Deadline

**13 May 2024 12:00
noon**

Intended Learning Outcomes

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

1. explain the basic scientific theories behind crime scene investigation methods, such as autopsy, DNA analysis, fingerprint analysis, dental forensics, bloodstain analysis, handwriting analysis, footprint analysis, facial reconstruction, cryptography, fiber analysis, forensic ballistics, toxic analysis;
2. analyse sample evidence with careful observation, logical thinking and problem solving skills;
3. design an investigation to solve one simulated criminal case with the learned knowledge and skills;
4. describe the preparation and requirement for a forensic scientist.

Result Release

24 May 2024

◆ Gifted Programme Introduction

Law enforcers do not have a time machine to travel back in time to witness the crime or the accident. Nevertheless, they still find out what exactly happened at the crime scene with forensic science. In this programme, students will learn about various common forensic techniques, such as fingerprint analysis, teeth analysis, bloodstain pattern analysis, etc. Students will apply those techniques in a sample case with crime scene mysteries waiting for you to solve.

◆ Schedule

Session	Date	Time	Venue
1	13 July	9:00 a.m. – 12:00 noon 1:00 p.m. – 4:00 p.m.	Physics laboratory, 4/F Buddhist Kok Kwong Secondary School (TBC)
2			
3	20 July		
4			

◆ Suitable for

- P4 – P6 HKAGE student members in 2023/24 school year.
- Class size: 30
- 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

Contonese with Chinese handouts

◆ Certificate

E-Certificate will be awarded to participants who have:

- attended at least 3 sessions; AND
- completed all the assignments with satisfactory performance