

Thinking Like a Scientist – Project Eureka: Workshop with Eureka Discoveries in ‘Light, Sound and Electricity’

(ALE/TLS/W/01)

<p>Introduction</p>	<p>‘Thinking Like a Scientist – Project Eureka’ is a project jointly organised by The Hong Kong Academy for Gifted Education (HKAGE), The Center for the Development of The Gifted and Talented (CDGT) of Hong Kong University of Science and Technology (HKUST) and The Education University of Hong Kong (EdUHK), aiming to improve science literacy of primary school students through inquiry-based and problem-based learning.</p> <p>At the pilot science workshops, student members of the HKAGE will conduct hands-on experiments and participate in group activities on topics of light, sound and electricity. Through inquiry-based learning, students will apply science process skills to discover the scientific principles behind the phenomenon in experiments by themselves.</p>
<p>Instructor(s)</p>	<p>Undergraduate student trainers from the Project are</p> <ul style="list-style-type: none"> • Major in Science / Engineering at Hong Kong University of Science and Technology (HKUST) and • Major in General Studies Education at The Education University of Hong Kong (EdUHK).
<p>Programme Type / Level</p>	<p>Workshop (Intermediate) (Token required)</p>
<p>Target Participants</p>	<ul style="list-style-type: none"> ➤ P5 – P6 HKAGE student members only ➤ Capacity: 36
<p>Medium of Instruction</p>	<p>Cantonese with Chinese teaching materials</p>
<p>Certificate</p>	<p>An E-certificate will be awarded to participants who have:</p> <ul style="list-style-type: none"> • Attended ALL sessions; AND • Completed all the assignments with satisfactory performance.
<p>Intended Learning Outcomes</p>	<p><i>Having completed the science workshops, students should be able to</i></p> <ul style="list-style-type: none"> • Describe the scientific principles behind the phenomenon in experiments; • Describe daily applications of the scientific principles behind the phenomenon in experiments;

- Apply science process skills to observe, measure, compare, explain, predict, and share experimental results and findings; and
- Listen to other student members' opinions and express their own point of view in group sharing.

This programme is Programmes with No Screening

Application Procedures



There are no screening questions, written test or other screening methods for this type of programmes.

- Student members can select up to 5 programmes from a list of selection. Applicants have to state the priority when submitting the application. (1st priority, 2nd priority, 3rd priority, etc). 1 token is required for each programme (For programme list, please refer to the issue 18 of [Gifted Gateway](#));
- Application can only be submitted once. Once it is submitted, the priority and the programme selection cannot be changed;
- If a student member removes a programme from the application before the application deadline by withdrawal, the choice priority will remain unchanged. (For example: A student has selected three programmes and removed the programme with the 1st priority from the application. The choices of 2nd and 3rd priority will remain unchanged with no promotion in priority.);
- We will select the students based on the student's choice of priorities and a randomly generated selection by the computer system. If there is time clash between the applied programme and other programmes with offer, the HKAGE will consider if the application will be accepted;
- Priority will be given to student members who have not completed the applied programmes;
- Student members should avoid applying programmes with time clash;
- The decision of the HKAGE on the result of selection should be final.

Application Deadline

**23 April 2020, Thursday
(12:00 noon)**

Application

Result

Release Date

**29 April 2020,
Wednesday**

Schedules



Session	Date	Time	Venue
1	25 August 2020 (Tuesday)	10:00 a.m. – 12:30 p.m.	Room 403, the HKAGE
2	28 August 2020 (Friday)	10:00 a.m. – 1:00 p.m.	Room 303, the HKAGE

Enquiries

For enquiries, please contact Ms Janet LAM at 3940 0101 (after language selection, press "6") or via email: ale@hkage.org.hk