



S1GAP001W

(Token- required)

# Spying on Microorganism: Structure and Function

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(Apprentice, 4<sup>th</sup> Cohort of Hong Kong Gifted Apprentice Programme)



**Application Deadline**  
**17 Jan 2022 12:00 n.n**

## **Intended Learning Outcomes**

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

1. Collect and view specimen under a microscope
2. Identify how structure and function of organisms are correlated with at least 2 examples
3. Analyze and apply learnt biology concepts to surroundings
4. Sharpen communication and collaboration skills through small-group discussions and poster presentation



## ◆ Introduction

Why are worms slimy?

Why don't worms need legs?

Looking for hands-on practice with microscopes?

Spying on Microorganisms is just for you! In this workshop, participants will get to extract microorganisms from soil and pond water samples and observe your own prepared samples under the microscope. Other than microorganisms, other slides will also be observed, such as skin cells, dragonfly wings etc. Guided discussions on how structures of specimen are related to their function will sharpen student's critical thinking. Students will also learn on applying the concept of structure and function to daily life. Last but not least, there will be group activities on creating posters on 'Structure and Function' along with a short presentation.

## ◆ Schedule

Session	Date	Time	Venue
1	22-Jan (Postponed)	2:00 p.m. — 5:00 p.m. (Postponed)	Room 203, The Hong Kong Academy for Gifted Education (Postponed)

## ◆ Target Participants

- P5 – P6 HKAGE student members in 2021/22 school year only
  - Class size: 10
- \* First-come-first-served.

## ◆ Pre-requisite

No special prerequisites are needed

## ◆ Medium of Instruction

Cantonese

## ◆ Certificate

E-Certificate will be awarded to participants who have:

- attended the session