

STEMM Enthusiasts

(S2STM001N)

Introduction

STEMM Enthusiasts is a community-based fellowship to gather students who have strong interest and passion in STEMM (science, technology, engineering, mathematics and medical sciences). To be eligible as members of this fellowship, students are required to indicate their interest in one of the following five major STEMM mentorship programmes as listed below.

The 5 major STEMM advanced learning programmes for Talent Development (TD):

1. **ASTRI X HKAGE: STEM Talent Mentorship Programme** *New*



Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI) was set up by the Government of the Hong Kong Special Administrative Region in 2000 with the mission of enhancing Hong Kong's competitiveness in technology-based industries through applied research. ASTRI's 5 core areas of applications are: Smart City, Financial Technologies, Intelligent Manufacturing, Health Technologies, and Application Specific Integrated Circuits (*reference from ASTRI website*). Details of the mentorship programme are to be updated and confirmed.

2. **World Science Scholar** *New*

World Science Scholars is a 2-year online programme aiming at identifying and selecting a small group of students aged 14-16 worldwide who have demonstrated extraordinary mathematical talent and providing them with unique opportunities to deepen their mathematical knowledge. Upon successful completion of their first year programme, students would be invited to join the World Science Festival in New York City (*reference from World Science Scholar website*). The HKAGE may lodge recommendations according to individual students' need and qualification. Please click [here](#) for further details.



3. **Global Talent Mentoring Scheme (Mentee Nomination - Hong Kong)**



Global Talent Mentoring™ offers valuable opportunities for young talents who are devoted to cultivating their academic, innovation and career development in STEMM to receive long-term one-on-one online mentoring via a unique online platform, from mentors who are world-leading STEMM experts. Students can establish contacts with STEMM experts and scientists from all over the world and learn and delve into STEMM subjects with expert guidance. Unique learning experiences will be accumulated on this individualised advanced learning journey.

4. **Project-based Learning (PBL) Mentorship** *New*

This pilot mentorship newly launched by the HKAGE aims mainly to encourage students to plan for a self-initiated project and/or proposal. Selected students will work together with and learn from senior student members / alumni of the HKAGE or young experts in related fields based on their interests and project topics.



5. **Personal Growth Development (PGD) Mentorship** *New*

PGD is another junior mentorship newly launched by the HKAGE. It is mainly for students who wish to obtain experience exchange, to get inspiration and to receive study / career

advice. Selected students will be matched with senior student members / alumni of the HKAGE or young experts in a field of interest different from theirs.

Type Recruitment of STEMM Enthusiasts ([Token-required](#))

Target Participants

- P4 to S6 HKAGE members
- Shortlisted students will undergo different review and selection procedure

Medium of Instruction Cantonese/ English

Intended Learning Outcomes

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

1. develop self-regulated learning capacity under the guidance provided by the HKAGE and/or the support from peers;
2. exchange and share STEMM articles, literatures, and news with peer;
3. communicate and interact with peers sharing the same interest in STEMM;
4. identify any emerging STEMM opportunities and information offered by the HKAGE and/or other organisations;

Application Deadline 29 April 2021 (Thursday) (12:00 noon)

Schedule



Date	Time	Venue	Format
1 September 2021 – 31 August 2022 (MONTHLY MEETING)	05:00 p.m. – 06:30 p.m.	HKAGE/ Online	Face-to-Face/ Zoom

Pre-programme meetings maybe arranged in July and/or August 2021

Enquiries



For enquiries, please contact Ms Christie So at 3940 0101 (after language selection, press 6) or email to ale@hkage.org.hk.

進
階
學
習
體
驗

