

Title of Support Service:

Quality Education Fund Thematic Network (QTN) – STEAM+AI Literacy Collaborative Programs (Public Health and Hygiene) cum STEAM Education Resource Hub (2022/23)

1. Objectives

This support service aims to:

- Develop STEM education with artificial intelligence (AI), establish Design Thinking application tool kit for STEM education.
- Foster the development of students’ growth mindset and creative thinking through design tasks.
- Promote STEM Education to different stakeholders by setting up a STEM Education Resource Hub and open special room, and provide teacher training and student workshops.

2. Foci of Support

-
- To strengthen students’ information literacy and artificial intelligence literacy related skills to optimise human well-being through creative abilities
- To enhance students’ understanding of sustainability-related issues (Public Health and Wellness)
- To enhance professional development of teachers’ technical and literacy skills
- To establish a professional learning community and resource base so as to enhance continuous resource and experience sharing

3. Modes of Support

- QTN co-ordinator will support and collaborate with teachers of participating schools, details are as follows:

On-site collaboration and Networking Activities	At least 11 times of on-site support and networking activities <ul style="list-style-type: none">• Conduct in-depth analysis of school needs, lesson study such as curriculum planning, collaborative lesson planning, on-site workshop, lesson observation and post-lesson discussion to enhance teacher professionalism through close exchange• Organise professional development activities such as workshops, lesson demonstration, company visit and exchange sessions on learning and teaching• Develop school-based STEAM curriculum and teaching resources of one unit for sharing, e.g. lesson plans and learning and teaching materials• Participate in the sharing in learning community activities and territory-wide dissemination seminar for interschool exchange
---	---

STEM Education Resource Hub	<ul style="list-style-type: none"> • Open our special room to the public • Conduct teachers' professional development activities regularly • Organise a variety of learning activities for primary and secondary school students • Organise STEAM activities for parents and students to enjoy the experience of coding and making STEM products
-----------------------------------	--

4. Points to note

- The duration of the support services normally lasts for one year.
- Active engagement of participating schools throughout the support services is expected.
- At least one representative should attend each QTN activity.
- To fully utilise the support services, participating schools should:
 - nominate panel head to be responsible for the liaison of QTN activities.
 - arrange regular timeslots for teachers to collaborate and exchange, e.g. periods for collaborative lesson planning and lesson observation.
 - arrange teachers to participate in two Executive Committee (EC) meetings and a territory-wide dissemination seminar to share their successful experiences in school curriculum development and the learning and teaching materials developed under collaboration.
- Participating schools should comply with relevant laws, such as compliance with the Copyright Ordinance in developing school-based learning and teaching materials.

5. Enquiries

Contact person:	Mr KAN Ka-hei
Support Service Coordinator:	HKSKH Bishop Hall Secondary School
Telephone number:	2347 9224
E-mail:	kkh@go.bhss.edu.hk