

Title of Support Service:

Quality Education Fund Thematic Network (QTN) –Implementing AI in STEAM Education & Social Intelligence through Refining School-based Curriculum and Establishing Structured Professional Learning Community cum STEAM Education Resource Hub (2023/24)

1. Objectives

This support service aims to:

- To assist participating schools in designing and implementing Artificial Intelligence (AI) and Social Intelligence (SI) in STEAM education through refining school-based curriculum and establishing structured professional learning community in Technology Education and Science Education according to school context, and promoting students' learning and application of STEAM education and AI, based on the rich experience of the networking coordinating school.
- To form professional collaborative platforms for participating schools to develop sustainable STEAM education and AI education.
- Share the optimisation of the existing courses, strengthen the promotion of artificial intelligence (AI), engage Social Intelligence (SI) to the design of learning and teaching activities, strategies and specific promotion measures of STEAM education elements, so as to let students access to relevant learning experiences.

2. Foci of Support

- To support the participating schools in launching AI and SI in STEAM education, and develop a long-term and sustainable development plan
- To promote professional exchange among participating teachers and strengthen the collaboration among teachers of different KLA through on-site support, so as to promote AI and SI in STEAM education more effectively
- To organise professional development activities such as sharing sessions by different experts from universities and related industries so as to enhance the professional capacity of participating teachers and facilitate the promotion of AI and SI in STEAM education in schools

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	<p>At least 19 times of on-site support and networking activities</p> <ul style="list-style-type: none"> • Conduct in-depth analysis of school needs, lesson study such as curriculum planning, collaborative lesson planning, lesson observation and post-lesson discussion to enhance teacher professionalism through close exchange • Organise professional development activities such as workshops and lesson demonstration • Develop school ICT curriculum and teaching resources of two units 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
---	---

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.
- Department head of ICT (Form coordinator) is the core member of the QTN
- Subject Department can free up two to four sessions (40-60 minutes per session) to implement the QTN
- To fully utilise the support services, participating schools should:
 - nominate panel head / deputy 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. Kong Man Kei
 Support Service Coordinator: Lok Sin Tong Yu Kan Hing Secondary School
 Telephone number: 2336 2657
 E-mail: kongmk@ykh.edu.hk