

**Title of School-based Support Service (2025/26):
Quality Education Fund Thematic Network (QTN) –
Robot in STEAM cum STEAM Education Resource Hub**

1. Objectives

The support service aims to:

- enhance curriculum leadership and professional level of the teachers of participating schools by adopting train-the-trainer approach with a focus on nurturing curriculum leaders
- promote STEAM education through equipping teachers of participating schools with the knowledge and skills of designing robotic-related learning activities to arouse students’ interest in STEAM education
- enhance teachers’ professional development by conducting regular inter-school sharing and discussion sessions
- maintain the established learning community under the QTN after the completion of this QTN so as to sustain professional exchange and development among teachers
- allow teachers and students of participating schools and other schools to use the equipment purchased under the STEAM Education Resource Hub

2. Foci of Support

- Improve teachers’ use of robots as an effective carrier of STEAM education
- Facilitate teachers to carry out STEAM education at the upper primary level through robotic activities and to arouse students’ interests in STEAM education through assembling robots and joining competitions
- Improve teachers’ ability to create different robots with the support of high-end equipment and robot assembling workshops and seminars

3. Modes of Support

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

<p>On-site collaboration and Networking Activities</p>	<p>At least 10 times 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 • The core teaching team participates in cross-school professional development activities to share and promote effective practices and resources with a view to facilitating professional exchanges among schools • Organise professional development activities such as workshops and lesson demonstration • Develop school-based curriculum and teaching resources of two units for sharing, e.g. lesson plans and learning and teaching materials • Participate in the sharing during learning community
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	activities and territory-wide dissemination seminar for interschool exchange
STEAM Education Resource Hub	<ul style="list-style-type: none"> • Open special rooms for teachers to arrange STEAM-related activities and facilitate students' learning • Conduct teacher professional development activities • Organise a variety of learning activities for primary and secondary school students

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 / deputy panel head to coordinate 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
- Allow support officers to collect materials including video clips and photographs of learning activities, teachers' reflection and student work during the support period for professional discussion
- Encourage the core teaching team to disseminate successful experience, within and across schools, in school curriculum development and the learning and teaching resources co-developed (The copyright of these materials will be owned by Quality Education Fund. Quality Education Fund also reserves the right to compile and modify these materials for educational promotion purposes)
- Participating schools should comply with relevant laws, such as compliance with the Copyright Ordinance in developing school-based learning and teaching materials

5. Enquiries

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