

**Title of School-Based Support Service (2025/26):  
Quality Education Fund Thematic Network (QTN) —  
Science in ACTION: Facilitating STEAM Education in Primary/Secondary  
Schools cum STEAM Resource Hub**

**1. Objectives**

This 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
- implement a three-year plan to promote the development of Science curricula in primary and secondary schools, in accordance with the “*Science Education Key Learning Area Curriculum Guide (P1-S6)*”
- enhance students' interest in Science and promoting creative STEAM education in primary and secondary schools by using science kits, microcomputer boards, and sensors in “Science in Action” activities
- establish an online platform of a remote laboratory, and an exchange platform for primary and secondary teachers in STEAM education with a view to promoting the transition of STEAM education across different learning stages
- open the STEAM Education Resource Hub and provide equipment for the use of the primary and secondary school teachers, students and their parents

**2. Foci of Support**

- To develop effective school-based curricula and teaching activities by analysing schools' needs through **workshops, curriculum planning meetings** and **collaborative lesson planning**
- To observe lessons and provides support at the participating schools
- To strengthen teacher exchanges through **reflection and sharing sessions** to optimise their teaching and learning strategies

**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 22 times of on-site support and networking activities</p> <ul style="list-style-type: none"> <li>• 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</li> <li>• The core teaching teams participate in cross-school professional development activities to share and promote effective practices and resources with a view to facilitating professional exchange among schools</li> <li>• Organise professional development activities such as workshops and lesson demonstration</li> <li>• Develop school-based STEAM curriculum and teaching resources of two modules for sharing, e.g. lesson plans and learning and teaching materials</li> </ul>
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	<ul style="list-style-type: none"> <li>Participate in the sharing during learning community activities and territory-wide dissemination seminar for interschool exchange</li> </ul>
STEAM Education Resource Hub (if applicable)	<ul style="list-style-type: none"> <li>Make effective use of the STEAM Education Resource Hub to provide STEAM innovative science education activities and workshops for primary and secondary school teachers, students and their parents across Hong Kong</li> <li>Open the STEAM Education Resource Hub for primary and secondary school teachers to arrange STEAM and Artificial Intelligence (AI) education activities during weekdays or Saturday mornings, hereby benefiting non-participating schools</li> </ul>

#### 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:
  - arrange regular timeslots for STEAM coordinator 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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