

**Title of School-based Support Service (2025/26):
Quality Education Fund Thematic Network (QTN) —
Curriculum Planning on Primary Science: Aerospace Technology and Engineering
Design**

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
- establish a cross-school professional communication network to enhance teachers' confidence and ability in teaching and planning Primary Science curriculum
- provide support to core schools in planning Primary Science curriculum, promoting the implementation of science curriculum
- assist core schools in organising interdisciplinary learning activities to promote the development of STEAM education
- share experience in organising Primary Science curriculum with participating schools

2. Foci of Support

- Share administrative arrangements, resource allocation, teaching practices, and evaluation methods for launching Primary Science subject
- Analyse the needs of participating schools, select scientific inquiry teaching materials for collaborative lesson planning, and cross-school lesson observations and discussions
- Organise thematic workshops on aerospace technology to enhance students' STEAM learning experiences, including researching the structure and function of interstellar exploration tools and engaging in engineering design activities
- Organise professional learning communities for teachers to facilitate mutual support, experience sharing and professional dialogue
- Conduct demonstration lessons, thematic seminars, and teacher workshops to promote professional development of teachers

3. Modes of Support

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

On-site collaboration and networking Activities	<p>At least 18 times of on-site support and networking activities</p> <ul style="list-style-type: none"> • Analyse school needs and conduct collaborative lesson planning and interdisciplinary thematic workshops according to the Education Bureau's science teaching materials and aerospace technology themes • 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
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	<ul style="list-style-type: none"> • Conduct lesson observations and discussions to enhance teacher professionalism through close communication • Organise professional development activities, including thematic seminars, inter-school teacher workshops and teaching demonstration • Organise visits relating to “Aerospace Technology” • Conduct sharing sessions to share relevant experience with primary schools across Hong Kong. • Establish a resource library for participating schools to share teaching resources
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4. **Points to note**

- The duration of the support services normally lasts for one year.
- Nominate 2-4 teachers to actively engage in the support services
- At least one representative should attend each QTN activity
- To fully utilise the support services, participating schools should:
 - appoint a subject head or deputy subject head to coordinate the 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 experience 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 experiences, 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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