

Title of School-based Support Service (2025/26):
Quality Education Fund Thematic Network (QTN) –
Curriculum Planning on Primary Science: Based on the theme of ‘PDAR’,
Develop School-based Science Curriculum and Capabilities, Enrich Students’
Diverse Learning Experiences, Cultivate a Spirit of Scientific Inquiry

1. Objectives

The support service aims to:

- enhance curriculum leadership and professional level of the teachers of participating schools by adopting the train-the-trainer approach with a focus on nurturing curriculum leaders
- support core schools in launching Primary Science subject and facilitating curriculum planning, implementation and evaluation by leveraging the expertise of the coordinating school
- collaborate with core schools to design teaching materials for the third domain of the science curriculum, namely "Earth and Space" in accordance with the national strategy of "Invigorating the country through science and education" and the development of the science curriculum. We aim to introduce the PDAR model to enhance schools' ability to develop school-based science curricula centered around PDAR, thereby strengthening students' abilities in questioning, planning, expressing, and reflection on relevant topics
- empower core schools in developing cross-curricular teaching and learning activities between primary science and other subjects so as to foster the development of STEAM education

2. Foci of Support

- Support core schools in developing science subject and creating long-term and sustainable development plans
- Through on-site support, we aim to foster professional collaboration among teachers in core schools, enhancing their ability to design inquiry-based learning activities and boosting their confidence in teaching primary science
- Organise professional development activities, such as inviting experts from various universities and industries to share, to enhance the professional capabilities of participating 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 19 times and 2 days 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, on-site workshop, lesson observation and post-lesson discussion to enhance teacher professionalism through close exchange • 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 • Organise professional development activities such as workshops, lesson demonstration, company visit and exchange sessions on learning and teaching • Develop school-based science 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 activities and territory-wide dissemination seminar for interschool exchange
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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
- To fully utilise the support services, participating schools should:
 - nominate primary science panel head to coordinate QTN activities
 - 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 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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