Title of School-based Support Service (2026/27):

Quality Education Fund Thematic Network projects (QTN projects) —

Curriculum Planning on Primary Science: Enhancing Students' Scientific Literacy and Knowledge through Investigative Activities

1. Objectives

The support service aims to:

- enhance curriculum leadership and professional level of teaching team for participating schools through train-the-trainer approach and with a focus on nurturing curriculum leaders
- support schools in developing Primary Science, thereby promoting the planning, implementation and evaluation of the curriculum, enhancing teachers' pedagogical skills and cultivating students' scientific literacy and hands-on skills through scientific inquiry experience activities
- strengthen the ability of schools in the planning of interdisciplinary learning, promote the development of STEAM education through collaboration between Primary Science and other subjects; enrich the STEAM education curriculum by integrating elements of Artificial Intelligence (AI), thereby better equipping our students to face the challenges of the future
- establish a cross-school professional exchange network for schools in the same and neighboring districts for experience sharing in the launch of Primary Science, thereby enhancing teachers' confidence and ability in teaching Primary Science

2. Foci of Support

- To assist schools in setting strategies and directions for developing Primary Science and building a professional Primary Science teaching team
- To facilitate teachers' exchange and reflection in Primary Science pedagogies and assessment methods
- To strengthen collaboration between Primary Science and other STEAM-related subjects and provide students with opportunities to apply the knowledge and skills from different disciplines in real-world contexts
- To support students in learning and problem solving using different AI tools
- Through classroom inquiry activities, cultivate students' curiosity about their surroundings, deepen their understanding of national innovation and technology, and foster a sense of national identity
- To nurture students' proper values through various scientific inquiry and experiential activities based on principles of Truth, Life, Love, Justice, and Family

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	At least 17 times of on-site support and networking activities • Conduct in-depth analysis of school needs, lesson study such as curriculum planning, collaborative lesson planning, school-based workshops, lesson observation and post-lesson discussions to enhance teacher professionalism through close exchange • The core teaching team participates in cross-school professional

	development activities, sharing and promoting effective practices and resources to facilitate professional exchanges among schools • Organise professional development activities such as workshops, lesson demonstration, site visits and exchange sessions on learning and teaching • Develop a school-based STEAM curriculum and one unit of teaching resources for sharing, e.g. lesson plans and learning and teaching materials • Participate in interschool exchange at learning community activities and territory-wide dissemination seminar

4. Points to note

- The duration of the support services normally lasts for one year.
- Participating schools are expected to actively participate in the QTN activities, and lead the core teaching team to participate in this professional support service; to be responsible for liaising with the relevant support officers and making specific arrangements for the support service
- At least one representative should attend each QTN activity
- To fully utilise the support services, participating schools should:
  - Nominate a panel head / deputy panel head to coordinate the activities related to the QTN
  - assign teachers to attend at least 3 training workshops and 17 networking activities
  - arrange teachers to participate in one Preparation Meeting, 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 experiences in school curriculum development and the learning and teaching resources co-developed within and across schools (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.