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

Quality Education Fund Thematic Network projects (QTN projects) —
Constructing Mathematical Concepts and Fostering Students' Attitude Regarding Self-directed Learning through Enquiry Learning

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.
- To widen teachers' repertoire of learning and teaching strategies so as to enhance students' learning interest and motivation, refine their learning strategies and strengthen their ability of understanding mathematical concepts
- To foster teachers' professional development by integrating theory, learning and teaching practices and reflection through lesson designs

2. Foci of Support

- To share the experience of teaching different mathematical concepts using inquiry activities
- To share the experience of implementing TARGET (task, authority, recognition, grouping, evaluation and time) model and e-learning
- To help teachers adopt appropriate learning and teaching strategies to enhance students' interest and ability of learning Mathematics
- To enhance the professional capacities of teachers and to strengthen the leadership of the Mathematics subject panel

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 20 times of on-site support and networking activities • Support officers collaborate with the core teaching team through regular meetings to develop the school curriculum and conduct collaborative lesson planning, lesson observation and post-lesson discussion (9 times or more in the school year) • The core teaching team participates in cross-school professional development activities, sharing and promoting effective practices and resources to facilitate professional exchanges among schools (8 times or more in the school year) • Participating schools attend two Executive Committee (EC) meetings and an annual dissemination seminar to share the good practices generated and effective ways to cope with challenges encountered

4. Points to note

- The duration of the support services normally lasts for one year.
- Active engagement of participating schools throughout the support services with 2-5 teachers is expected. The teachers ought to lead the core teaching team's participation in this professional support service; to be responsible for liaising with

the relevant support officer and making specific arrangements for the support service

- At least two representatives should attend each QTN activity.
- To fully utilise the support services, participating schools should:
  - nominate panel head / deputy panel head to be responsible for the liaison of QTN activities
  - arrange regular timeslots (Tuesday or Thursday afternoons) for teachers to collaborate and exchange, e.g. periods for collaborative lesson planning, lesson observation and post-lesson discussion as well as reviewing student learning outcomes, thereby strengthening collaboration and communication among teachers. Support officers will participate in various sessions and provide feedback to facilitate the professional development of teachers.
  - 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.