

## **Title of School-based Support Service (On-site Support) (2024/25)**

Quality Education Fund Thematic Networks – Schools:

Constructing Mathematical Concepts and Fostering Students' Attitude

Regarding Self-directed Learning through Enquiry Learning

### **1. Objectives**

The support service aims:

- 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 and Activities**

- Support personnel collaborate with the core teaching team through regular meetings (11 times or more in the school year) to develop the school curriculum and conduct collaborative lesson planning, lesson observation and post-lesson discussion
- The core teaching team participates in cross-school professional development activities (5 times or more in the school year), sharing and promoting effective practices and resources to facilitate professional exchanges among schools
- 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**

- Participating schools arrange regular timeslots (Tuesday or Thursday afternoons) for teachers concerned to attend meetings and participate in various professional development activities, e.g. collaborative lesson planning
- Please visit the QEF website for details  
(<https://qcrc.qef.org.hk/en/fund/activity.php?cate=7> )