

## **Quality Education Fund Thematic Networks – Schools (QTN–S) (2022/23)**

### **Project Title:**

### **Constructing Mathematical Concepts and Fostering Students’ Attitude Regarding Self-directed Learning through Enquiry Learning**

#### **1. Support Service Coordinator**

School-based Professional Support Section, Curriculum Support Division, Education Bureau

#### **2. Network Coordinating School**

Tai Po Old Market Public School (Plover Cove)

#### **3. Objectives**

The project 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

#### **4. 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 facilitate the leadership of the Mathematics subject panel

#### **5. Modes of Support**

- To visit each participating school at least once every month to conduct school-based or interschool exchange and sharing activities, such as collaborative lesson planning, lesson observation, post-observation discussion and workshops

#### **6. Expectations on Participating Schools**

- Participating schools reserve Tuesday or Thursday afternoons for support activities
- Participating schools nominate one teacher-in-charge to liaise with the support team and the related Curriculum Support Officer
- 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
- Participating teachers share with other teachers their experience in school-based curriculum development and the materials and resources they develop, e.g. work plans, learning and teaching materials, research reports, student work (The copyright of these materials will be owned by the Quality Education Fund.)

- Participating schools observe strictly their legal obligations and, in all cases, comply with the Copyright Ordinance in developing school-based learning and teaching materials