

**Project Title:**

**Constructing Mathematical Concepts and Fostering Students' Attitude Regarding Self-directed Learning through Enquiry Learning (2021/22)**

**1. Support Service Co-ordinator**

School-based Professional Support Section, Quality Assurance and School-based Support Division, Education Bureau

**2. Network Co-ordinating School**

Tai Po Old Market Public School (Plover Cove)

**3. Objectives**

The project aims:

- to enhance students' interest and proactiveness in learning
- to refine students' learning strategies and enhance their ability of understanding mathematical concepts
- to integrate theory, learning and teaching practices and reflection through classroom teaching designs to foster teachers' professional development

**4. Foci of Support**

- Through inquiry activities, to share the experience of teaching different mathematical concepts to enhance teachers' mastery of teaching mathematical concepts
- To share the experience of implementing TARGET model and e-learning
- To design appropriate learning and teaching strategies to enhance students' interest and ability of learning Mathematics
- To enhance the ability of teachers to facilitate the development of the Mathematics subject panel

**5. Modes of Support**

- To pay visit each Participating School at least once per month to conduct school-based or cross-school exchange and sharing activities, such as co-planning meetings, lesson observation and post-observation discussion activities and workshops

**6. Expectations on Participating Schools**

- Representatives of the Participating Schools attend at least two meetings held in the school year with the Network Co-ordinating School and other Participating Schools on formulating strategies and work plans, etc.
- Participating Schools reserve Tuesdays' or Thursdays' afternoons as the time slots for professional exchange
- Participating Schools assign one teacher-in-charge to liaise with the Coordinating School and the related School Development Officer
- Participating Schools share with other teachers their experiences 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