

**Project Title:**

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

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