

Project Title: Developing Curriculum Leadership with Holistic Curriculum Planning in Science KLA under the New Senior Secondary Context	Project Number 2009/0539
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Name of Organisation: Hong Kong Association for Science and Mathematics Education

(1) Goals and Objectives:

The goal is to develop curriculum leadership and enhance professional capacity to promote science education in schools under the NSS context. We will:

- develop optimum school-based curricula to cultivate science literacy for students;
- enhance the professional capacity of science development in schools including teachers' understanding of other science curricula beyond their original specialized subject;
- develop school-based exemplars regarding the strategies to enhance collaboration amongst teachers for promoting science education;
- develop teacher network with the focus on curriculum leadership and collaborative culture; and
- disseminate the messages and practical knowledge regarding collaboration amongst science teachers under the NSS context and good practices developed in this project.

(2) Targets:

Targets and expected number of beneficiaries

- Participating schools: 5 secondary schools
- Secondary science teachers: about 50
- Secondary students: about 5,000

It is expected that all secondary schools will benefit from the experiences and knowledge generated of this project.

(3) Implementation Plan:

This project, with five participating schools, was designed for a duration of 18 months and has adopted an interactive approach embedded within three main phases:

- Planning Phase (May to September 2011)
- Implementation Phase (August 2011 to July 2012)
- Dissemination and Evaluation Phase (May to October 2012)

(4) Products:

The expected outcomes and deliverables are as follows.

- Five School-based Holistic Curriculum Plans (both vertical and horizontal) in Science KLA with curriculum materials to promote science learning
- The school experiences regarding the development of collaborative culture and curriculum leadership are compiled into Cases for other schools as reference
- At least 3 teacher training seminars will be organized to disseminate the experiences, knowledge and materials generated from this project.

(5) Budget:

Staff Cost	Equipments	Services	General Expenses	Contingency	Total
\$253,300	\$ 20,500	\$790,600		\$20,000	\$1,084,400

(6) Evaluation:

An evidence-based evaluation with the following four components: Curriculum plan, student learning in Science KLA, practitioner and teacher seminar.