

Part B Project Summary**Project Title:**

Enhancing Collaborative Learning and Thinking Skills with the use of Interactive Whiteboard
 結合互動電子白板、協作學習與思考訓練

計劃編號：

2009/0217 (revised)

Name of Organization: Ma On Shan Tsung Tsin Secondary School

- (1) Goals:
- To develop a series of F.1-3 learning packages for five key learning areas: English, Chinese, Mathematics, Integrated Humanities and Integrated Science.
 - To develop IT skills for students and teachers to use electronic interactive whiteboard for the learning and teaching in our school.

Objectives: At the end of this project, students should be able to enhance the following skills of learning to learn.

- Generic Skills:
 - Independent enquiry studies
 - Thinking skills
 - Collaborative interactive learning
- Technology Skills: -IT skills in learning

- (2) Targets: Mainly for all F.1-3 students, also applicable to F.4-7 students in some topics.
 Expected number of beneficiaries: at least 600 students per year

(3) Implementation Plan:

- Duration: 1/7/2010 to 31/8/2011
- Schedule:

7/2010 to 9/2010	Tendering for interactive whiteboard
10/2010 to 11/2010	Installation of interactive whiteboard
11/2010	Training workshop for development and collaboration of teachers
11/2010 to 6/2011	Development and design of learning packages
2/2011 to 6/2011	Classroom trial and implementation of learning packages
7/2011 to 8/2011	Fine tuning of learning packages and final evaluations

(4) Products:

- Deliverables: For the five KLAs in both F.1-3 curricula, 9 x 3 subjects (Eng., Chi., Maths.) and 6 x 2 subjects (I.H., I.S.) sets of learning materials will be developed.
 Total = 39 sets of lesson plans, worksheets, activity outline and electronic materials.
- Outcomes:
 - Students' learning diversities can be catered
 - Students' potential can be stretched
 - Students' generic skills can be enhanced
 - Teachers can acquire more IT and Curriculum development skills in teaching
 - Teachers can have more opportunities to collaborate lesson preparation
 - Teachers can refresh current pedagogy
 - Both students and teachers can master more modern IT skills in learning and teaching
- Dissemination: Five subject folders of interactive learning will be uploaded onto Hong Kong Education City website and disseminated to other schools.

(5) Budget:

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| (a) staff cost | \$287,820 |
| (b) equipment | $\$180,000 \times 50\% + \$4,000 = \$94,000$ |
| (c) services | \$5,000 |
| (d) general expenses | \$7,080 |

Total = \$393,900

(6) Evaluation:

- Performance indicators:
 - Baseline data, Benchmarks & Performance indicators
- Output / Outcome measurements:
 - Pre/Post-project Questionnaires, classroom observations
 - Annual student results compared with previous years