

Part B Project Summary

Project Title: *Technology Education ENrichment Initiative (TEEN)*

Name of Organization: Hong Kong Technology Education Association

- (1) **Goals:** To enhance the learning & teaching in Technology Education (TE) of Hong Kong secondary schools through the development and dissemination of a technology learning activities (TLAs) exemplars & resource bank that is comprised of experienced TE teachers' expertise in planning and delivering learning experiences and their assessment for learning (AfL) practices.
- Objectives:**
- (i) To develop a TLAs exemplar & resources bank by gathering the professional expertise of TE teacher that will be disseminated to all HK schools offering TE in 2 phases, i.e. August 2014 & June 2015 in view of providing an alternative to textbook.
 - (ii) To facilitate the exchange of professional experiences between Hong Kong & Mainland TE teachers through seminars, workshops.
 - (iii) To propose the structure, elements of core competence & requirement of a new TE teacher Professional Development Course
- (2) **Targets:** The learning and teaching of TE students & teachers in 250 secondary schools (2009 figure) will be enhanced by adopting the TLAs in the exemplars and resource bank. Thus the elements of innovation, technology, cultural & creativity in school as well as students' technological literacy will be enhanced. Expected number of beneficiaries: about 300 teachers & 37500 students
- (3) **Implementation Plan:**
- (i) Duration: Feb 2013 to Aug 2015
 - (ii) Process / Schedule: [a]School-based curriculum development and TLAs try-outs in partner schools (Sept 2013 to March 2015); data collection in participant schools (Nov 2013 to May 2015);[b]publication of TLAs exemplar bank & holding introductory seminars & workshops (Phase 1-Aug 2014 & final version- July 2015); [c]exchange programme with Mainland teachers Part 1 (July 2014) & Part 2 (April 2015) [d] Open-house sessions in which participating schools visit partner schools.(Nov 2014 to March 2015) [e] Publication of Technology Education professional development course. (July 2015)
 - (iii) Collaboration with other parties / partners: 5 partners schools & 10 participating schools involved in SBCD & data collection:
- (4) **Products:**
- (i) Deliverables/outcomes: [a]Publication of TLAs exemplars & Resources banks to all schools offering TE esp. DT subjects in 2 phases, [b]Exchange programme between Mainland & HK TE teachers [c]A proposal of TE teacher Professional Development Course
 - (ii) Dissemination of deliverables / outcomes: [a] Distribution of TLAs exemplars & Resources banks in 2 phases [b] seminar & workshops to facilitate schools implementation.
- (5) **Budget: Staff cost** (\$1,618,596 for 24 months): 1 substitute teacher & 3 staff; **Equipment** (\$50,000) **Services** (\$135,000): editing, printing of exemplar bank; professional Review; **General Expenses** (\$141,000): project operation cost, expenses for organizing 2 seminars and 3 workshops, 2 exchange programmes; travel allowance and honorarium, **Contingency** (\$9,780) **Budget Total = \$1,954,376.00**
Total grant from QEF: \$1,954,400 (nearest hundred)
- (6) **Evaluation:**
- (i) Performance indicators: [a] The number of schools that will use the TLAs included in the exemplar bank [b] Partner schools and participating schools teachers' opinions on the effectiveness of the SBCD and try-out activities, and the TLAs developed [c] partner schools teachers' opinions on the extent of the elements of innovation, technology, cultural and creativity being enhanced in the TE curriculum; [d] the survey of students' learning attainment to chart the effectiveness of the in enhancing students' learning.
 - (ii) Outcome measurements: [a] The Project Steering Committee will supervise the project team to evaluate the implementation of the TLAs in schools to provide the number of schools using the TLAs, [b] Teachers from partner schools and participating schools will be interviewed to provide feedbacks on the effectiveness of the SBCD and try-out activities, and the TLAs developed as well as the extent of the elements of innovation, technology, cultural and creativity being enhanced in the TE curriculum; [c] Assessment tasks developed from the evaluation framework in the exemplar bank will be used to measure students' learning attainment in order to survey into the effectiveness of the deliverables in enhancing students' learning.