

Project Title: Strengthening students' reading comprehension ability (both Chinese and English) through developing children's literature e-quiz bank on cloud	Project Number: 2012/0084
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Name of Organization: CITE, Faculty of Education, the University of Hong Kong

Goals and Objectives:

This proposed project aims to strengthen reading comprehension ability of Hong Kong primary school students through engaging in an interactive e-quiz cloud service as post-reading activities to monitor students' level of comprehension in children's literature. A collection of quality children's literature will be selected from award winning books. A bank of during-reading and post-reading questions (with scaffolding support) specific to each title will be developed by the project team, with input from participating teachers. The e-quiz cloud service will be accessible via a web browser or via a software application for mobile devices.

The detailed goals and objectives are listed as follows:

(a) Students should be able to:

- i. Enhance reading comprehension ability through scaffolded reading support enabled by e-quiz cloud service
- ii. Engage in different levels of fun and interactive e-quizzes to test reading comprehension ability after reading selected titles of quality children's literature from the school library collection
- iii. Develop critical thinking skills as students work on the quiz with guided hints as scaffolding support
- iv. Every student a winner – winning recognitions at multi-level contests (including class-level and school-level)
- v. Become motivated to read vastly and develop reading interest

(b) Teachers should be able to:

- i. Minimize workload on grading reading reports with the computer-scored post-reading quizzes on the cloud
- ii. Monitor students' progress in reading comprehension
- iii. Keep track of students' reading habit development (quantity, frequency, variety) through e-reports available from the e-quiz cloud service

(c) Schools should be able to:

- i. Transform the often lonely journey of reading into an interactive learning experience (students can test their comprehension ability through the e-quizzes, and they are guided with hints to find the correct answer)
- ii. Motivate students to engage in reading quality literature
- iii. Stimulate students' deep thinking through engaging them in a scoring system with an award scheme
- iv. Promote inter-school collaboration (through regional competitions with students in the Mainland, Macau, Taiwan, Singapore, as these regions are bilingual in Chinese and English)

Targets: Primary 1-4 students, teachers and teacher-librarians of primary schools

Expected number of beneficiaries:

Students, Teachers, and teacher-librarians involved in 9 local schools
 = 8,640 students + 8,640 parents + (3 teachers x 9 schools)
 = 17,307 beneficiaries

Implementation Plan

Duration: 30 months; Schedule: May 2013 - Oct 2015; Collaboration with other parties: 9 local primary schools

Products and deliverables

- (a) Training workshops of one hour duration will be offered to teachers and students
- (b) An e-quiz database (with hints and answers) to supplement children's literature
- (c) Comparison of scores of reading assessment (pre- and post-intervention)
- (d) 2 Half-day symposia will be organized to showcase project outcomes

Budget

Staff	Services	Equipment	General Expenses	Contingency	Total
\$ 1,918,020	\$ 480,000	\$ 79,100	\$ 340,930	\$ 27,950	\$ 2,846,000

Evaluation (performance indicators and outcome measurements)

- (a) Effectiveness of development of reading comprehension ability is measured through comparison of scores of reading assessment (pre- and post-intervention)
- (b) Quality of the e-quiz system is evaluated through questionnaires and interviews with different parties