Final Report of Project	Project No. : 2013 / 0757

Part A

Project Title: **Develop students' creativity in classroom with tablet computers and e-learning platform**

Name of Organization/School: <u>King's College</u>

Project Period: From   <u>3/2015</u>   *(month/year)* to   <u>1/2016</u>   *(month/year)*

Part B

*Please read the **Guidelines to Completion of Final Report of Quality Education Fund Projects**   before completing this part of the report.*

Please use separate A4-size sheets to provide an overall report with regard to the following aspects:

1. Attainment of objectives
2. Project impact on learning effectiveness, professional development and school development
3. Cost-effectiveness – a self-evaluation against clear indicators and measures
4. Deliverables and modes of dissemination; responses to dissemination
5. Activity list
6. Difficulties encountered and solutions adopted

Name of Project Leader:

Signature:

Date:

Name of Grantee*:

Signature:

Date:

* *Final Report of Project should be submitted via "Electronic Project Management System" (EPMS). Once submitted, these reports are regarded as already endorsed by the supervisor of the school/the head of the organization or the one who signed the Quality Education Fund Agreement for allocation of grant on behalf of the organization.*

This form/guidelines can be downloaded from the QEF webpage at <u>http://qef.org.hk</u>.

Evaluation Report

1. Attainment of objectives

Objective statement	Activities related to the objective	Extent of attainment of the objective	Evidence or indicators of having achieved the objective	Reasons for not being able to achieve the objective, if applicable
Developing students' creativity in English Language (S.1), Integrated Science (S.1) and Information and Communication Technology (S.4) lessons with tablet computers, software and an e-learning platform	1. Workshops on using mobile devices organized 2. Lessons to develop students' creativity conducted	Fully achieved	1. Eight workshops on using mobile devices organized in School and attended by teachers. Professional development sharing was conducted during staff development day by Eng, IS and ICT teachers for all teaching staff on 15/5/2015. 2a. A variety of e-learning activities like producing Mind-map, online discussion, video/animation/ graphics to induce creativity were organized during the ICT, IS and English lessons. 2b. Works produced by students were uploaded to e-platform for students and teachers to appreciate the product produced and have peer evaluation and teacher's assessment. 2c. Students demonstrated how to use tablet computers to produce multimedia content in the year-end Knowledge Fair 2d. Competition was organized to access the applications of skills learned in lessons and the enhancement of creativity among students.	Nil

2. Project impact on learning effectiveness, professional development and school development

Students were reported that they were more interested in the lessons with the use of tablet computers. They also participated more actively during those lessons and they have more collaborative learning

with other students. Students are able to produce more creative products like mindmap, video clips and graphics so creativity of students can be developed. Students were more motivated to learn during lessons.

Teachers attended different workshops related to using tablet computers during lessons. They also attended experience sharing session conducted by other colleagues so professional sharing between teachers was enhanced and teachers were equipped with skill and knowledge to use tablet computers during lessons.

With the tablet computers procured with QEF, teachers of different subjects used these new approaches to conduct interactive lessons. Parents and students were informed through Knowledge Fair and Newsletters of this new approach of learning and teaching. It enhanced the overall image of the School.

3. Cost-effectiveness – a self-evaluation against clear indicators and measures

At least 92 S1 and S4 students and over 56 teachers benefited from this project. The equipment procured with this project will be continued to use for different subjects to carry out interactive learning activities. E-learning platform procured will be used by all students in the School. Pre-lesson and post-lesson preparation can be done by students at School or outside school whenever there is Internet connection.

Table 2: Budget Checklist

Budget Items (Based on Schedule II of Agreement)	Approved Budget (a)	Actual Expense (b)	Change [(b)-(a)]/(a) +/- %
Equipment (20 tablet computers + cases)	77,700	60,100	-22.7%
Equipment (e-learning platform)	39,600	46,000	+16.2%
General Expenses (Audit Fee)	5,000	5,000	0%

4. Deliverables and modes of dissemination; responses to dissemination

Item description (e.g. type, title, quantity, etc.)	Evaluation of the quality and dissemination value of the item	Dissemination activities conducted (e.g. mode, date, etc.) and responses	Is it worthwhile and feasible for the item to be widely disseminated by the QEF? If yes, please suggest the mode(s) of dissemination.
Lesson Plans and worksheets	-	-	Lesson Plans that can be downloaded from the QEF website

5. Activity list

Table 4: Activity List

Types of activities (e.g. seminar, performance, etc.)	Brief description (e.g. date, theme, venue, etc.)	No. of participants				Feedback from participants
		schools	teachers	students	others (Please specify)	
Staff development Day	SDD with the theme e-learning with mobile devices on 15/5/2015 at School	1	56	0		Teachers shared their ideas on how to use tablet computers to carry interactive lessons. They were more familiar with these new pedagogical approaches of learning and teaching.
Visit by representatives from QEF Secretariat	Lesson observation by and sharing with the representatives on 27/5/2015	1	5	30	2 QEF represent atives & Principal of the School	Students enjoyed the interactive learning activities with the use of some Apps on tablet computers. QEF representatives agreed students can learn more effectively with the approach.
Students sharing on Knowledge Fair	Students attended the ICT and English lessons with the use of tablet computers shared their learning outcomes to other students in School Hall on 8/7/2015	1	9	288	Some parents also joined the activity	Students appreciated the learning outcomes of the students with lessons that used tablet computers
Sharing on mobile learning in the "Learning and Teaching Expo" organized by EDB and HK Edcity	The English teacher that carry out the tablet computers learning activities in School shared her teaching approaches to other teachers on 12/12/2015		30 teachers from other schools	20		The participants appreciated the sharing on the use of tablet computers during English lessons. They agreed that they had developed deeper understanding towards the use of e-learning platform and other mobile apps. The lesson demonstrations were effective and meaningful with hands-on experience given.

6. Difficulties encountered and solutions adopted

   Nil