

**Part B Project Summary**

<b>Project Title:</b> <i>(Please fill in the blank)</i>	<b>Project Number</b> <i>(For office use)</i> 2004/0842
<b>Pedagogical Use of IT and Learning Outcomes: SITES 2006</b>	

**Name of Organization:** Division of Information & Technology Studies, Faculty of Education, The University of Hong Kong

**(1) Goals:**

SITES 2006 is an international comparative study of pedagogical practices and use of ICT. The overarching goals of this project are to benchmark the implementation and outcomes of the Hong Kong IT in education policy against international data and to provide research-grounded insights for schools and teachers to evaluate their IT integration for teaching and learning. The specific objectives are:

- (i) to provide internationally benchmarked indicators on the extent of IT integration in schools and its impact on pedagogy and students' learning outcomes in Hong Kong schools;
- (ii) to identify through an examination of the international data the strategic factors that are found to be most important in bringing about the effective integration of IT in education in different countries to provide input to policy-makers and school leadership for fine-tuning and improvement of policy and implementation strategies at the system and school level in Hong Kong;
- (iii) to evaluate students' ability to make use of IT in complex problem solving.
- (iv) to disseminate the research findings in formats that would be most helpful to teachers, principals and policy-makers in the integration of IT in Hong Kong schools.

**(2) Targets:**

Expected number of beneficiaries: All principals and teachers in primary and secondary schools as well as policy makers, curriculum developers, teacher educators, members of various education-related committees and the wider education community in Hong Kong.

**(3) Implementation Plan:**

- (i) **Duration:** 44 months
- (ii) **Process/Schedule:**

May, 04 – Aug, 05	Pre-pilot
Sept, 05 – Dec, 05	Pilot
Jan, 06 – Apr, 06	Refinement of instruments
Apr, 06 – Aug, 07	Main data collection
Sept, 07 – Aug, 08	Data cleaning, analysis and write-up of research report for HK component of the study
Sept, 08 – Mar, 09	Compilation of report that includes international findings, dissemination workshops/seminars

**(iii) Collaboration with other parties/partners:**

**Collaborators:** Centre for Information Technology in Education (CITE), University of Hong Kong.

**(4) Products:****(i) Deliverables/outcomes:**

- (1) An overall report of the SITES2006 HK main study findings and international comparisons.
- (2) ONE tailor-made report to EACH participating school, indicating its IT implementation status against international benchmarks.
- (3) A report on the international pilot online student performance assessment on the use of ICT for complex problem solving, focusing on HK students' performance in relation to other participating countries, with implications and recommendations for future development.

**(ii) Dissemination of deliverables/outcomes:**

- (1) Events for the dissemination of the findings and the above deliverables as in formats that would cater for the interests and needs of different groups of stakeholders so as to improve the integration of IT in Hong Kong education
- (2) Seminars/workshops to report findings of the international pilot study on online performance assessment and to provide suggestions regarding more effective assessment methods.

**(iii) Sustainability of project impact:**

- (1) the overall research report will provide recommendations at both system, school and teacher levels that can be taken up to further improve the use of ICT in supporting learning and teaching within the context of the education reform in Hong Kong.
- (2) the tailor-made report provided to EACH participating school containing its IT implementation status against international benchmarks for school improvement would help schools to focus in strategic directions and planning for IT integration for the next several years.
- (3) the dissemination events will also provide opportunities to educators to discuss and make recommendations on the basis of the research findings to improve the integration of IT in education in Hong Kong.
- (4) the research findings would help to monitor and understand the status of IT implementation in Hong Kong since the announcement of the "Empowering Learning & Teaching with Information Technology" strategy in Jul 2004. Relevant findings should be timely provided to inform formulation of policy beyond 2007. The findings would be helpful in evaluating the effectiveness of the government strategy in terms of student learning and providing international benchmarked indicators on how Hong Kong stands in relation to other countries, identifying gaps and making recommendations on the way forward.

**(5) Budget(grouped items):**

Staff Costs	\$1,764,087
Services	\$160,113
Equipment	\$50,000
General Expense	\$286,000
Contingency	\$5,500
<b>Total</b>	<b><u>\$2,265,700</u></b>

**(6) Evaluation:**

1. The Study need to meet stringent quality control criteria demanded by the IEA and this will be reported in both the International and Local Reports.
2. The HK SITES2006 steering committee with membership from principals, teachers, teacher educators and policy makers will advise on and monitor evaluation procedures.
3. Evaluation data will be collected on the various deliverables and dissemination activities.

## Part C Summary on Grant Sought

<b>Annex II</b>
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**10. Please provide a summary on the grant sought using the format at Annex II.**

<b>Project Title:</b> <i>(Please fill in the blank)</i> Second Information Technology in Education Study 2006	<b>Project Number</b> <i>(For office use)</i> <b>2004/0842</b>
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## Part C Summary on Grant Sought

1.	<u>Breakdown of Budget Items</u>	<u>Expenditure</u>	<u>Grant Sought from QEF</u>
(a)	Staff Cost	\$	\$ 1,764,087
(b)	Equipment	\$	\$ 50,000
(c)	Services	\$	\$ 160,113
(d)	Works	\$	\$
(e)	General Expenses	\$	\$ 286,000
(f)	Contingency (for project period over 1 year)	\$	\$ 5,500
(g)	Others (Please specify.):	\$	\$
2.	Total Expenditure	\$	
3.	Income (participation fee, sale ...etc)	\$	
4.	Contribution (by applicant, other sponsors, participating schools, etc)	\$	
5.	Grant Sought <i>(Round up to the nearest hundred dollars.)</i>	\$	<u><b>2,265,700</b></u>