A Tale of Three Cities: Review of the Development of ICT in School Education Between Hong Kong, Macau and Singapore

Chun Wai FAN 
University of Macau

Kwok Keung HO 
Lingnan University

Abstract

Background: Hong Kong, Macau and Singapore are the top five cities/countries with the cheapest fixed line broadband as proportion of monthly income. It is interesting to know that several decades ago, they were still among the list of developing nations, struggling for survival and relief. However, they are climbing to the top in ICT development now.

Aims: This paper reviews the ICT development in school education of Hong Kong, Macau and Singapore with respect to their social, geographical, and economic backgrounds. Johannessen’s three orders of benchmarks are proposed for the comparison.

Method: Literature reviews on recent reports, research articles, books and internet data were used to understand the current situation of the ICT development in education for Hong Kong, Macau and Singapore.

Conclusion: It is clear that these three cities’ determination and relative amount that had invested in the development of ICT in education were enormous when compared with the US investment. Among these three cities, the investment of Singapore has been much larger than the other two. Singapore’s apparent leading in the development of ICT in education is not an accident, especially for the first benchmarks. For the second and third benchmarks, Macau lags behind Hong Kong and Singapore, this is partially due to Macau education system is comparatively much liberal than the other two.

Keywords: ICT Education, Integrating IT into Teaching and Learning, Johannessen Benchmarks

References


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**Authors**

Dr. Chun Wai FAN, Assistant Professor,
Faculty of Education, University of Macau
[AndyFan@umac.mo]

Dr. HO Kwok Keung, Honorary Fellow,
Office of Service Learning, Lingnan University, Hong Kong.
[kwokkho@hotmail.com]

Funding source of the article: University of Macau

Received: 30.3.12, accepted 16.4.12, revised 21.4.12.