

Part B Project Summary

Project Title: A school-based treatment programme for the development of morphological awareness and enhancement of reading abilities of primary school students

Project Number
(2009/0334)
revised

Name of Organization: The University of Hong Kong

(1) **Goals:** to develop a school-based treatment programme which incorporates all the known critical components of morphological awareness related to the development of reading for children with reading difficulties.

Objectives: (i) to enrich the existing data corpus of Chinese multi-character words
(ii) to establish a school-based, theory-driven remedial programme
(iii) to develop a teacher-friendly manual for the programme
(iv) to create on the internet an e-learning centre for the programme

(2) **Targets:** Expected number of beneficiaries: Over 500 speech therapists in Hong Kong, all primary schools teachers and students with reading difficulties.

(3) **Implementation Plan:**

(i) **Duration:** two years

(ii) **Process / Schedule:**

	2010	2011	2012
school 1	Nov-Dec Preparation	Jan-June treatment	
school 2	Nov-Dec Preparation		Oct 2011 -Mar 2012 treatment

(iii) **Collaboration with other parties / partners:** Education Division of Tung Wah Group of Hospitals

(4) **Products:**

(i) **Deliverables/outcomes:** A data corpus of Chinese multisyllabic words; Two dyslexia treatment programmes, one for P.2 and one for P.3. and an e-learning programme on the internet.

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

1. A softcopy of the school-based remedial programme package will be published on the internet
2. Training and sharing sessions will be organized for teachers and parents of schools interested in this programme (expected to be about 50).
3. The results of the study will be posted in the e-learning centre established.
4. Dissemination of findings in various international conferences.
5. Publications in relevant international journals.

(iii) **Commercialization potential of deliverables / outcomes:**

(5) **Budget:**

(a) staff cost : \$408,000.00 (b) equipment:\$33,000.00
(c)service: \$99,600.00 (d) general expenses \$21,000.00 (e) administrative charges:10,800.00
Total: 572,400.00

(6) **Evaluation:**

(i) **Performance indicators:** the result will be evaluated using standardized tests, morphological knowledge of participants and relative position in class and performance in Chinese examination. Pre and post treatment questionnaires and interviews will also be administered to teachers and other participants.

(ii) **Outcome measurements:**

The employment of the data corpus developed in teaching material selection through questionnaire;
The level of improvements in reading skills as measured by the accuracy of multi-character words decoding;

The improvement of teachers' knowledge on morphological processing through questionnaire and;
A sustainable school base programme for students with reading problem because of morphological processing difficulties as measured by the number of schools using this programme.