



Professional Development Network for Knowledge Building in Schools (KBTN) Knowledge Building Training Workshop 1

Date: 23 August 2008 (Saturday)
Time: 9:00a.m. – 3:30 p.m.
Venue: Room 101, 1/F Runme Shaw Building, CITE, The University of Hong Kong.

Program Rundown

9:00 – 9:15	(15min)	Registration
9:15 – 9:30	(15min)	Welcoming and Ice-breaking
9:30 – 10:15	(45min)	Introduction to KBTN project and Knowledge Building

Experiencing Knowledge Building

10:15 – 11:00	(45min)	1) Starting KB through Student Questions and Classroom Discussion
11:00 – 11:15	(15min)	~ Break ~
11:15 – 12:00	(45min)	2) Developing KB through Contributing Ideas and Improving them on Knowledge Forum
12:00 – 13:15	(75min)	~ Lunch ~
13:15 – 14:15	(60min)	3) Deepening KB and Rise-Above through KB talk & Assessment
14:15 – 15:15	(60min)	Curriculum Planning and Group Sharing
15:15 – 15:30	(15min)	Conclusion and Q & A

Continuing Knowledge Building

Teacher Professional Development Network for Knowledge Building in Schools (KBTN) 2008-09

Seconded Teachers

Name	School	Email	Sch Tel	Subjects Taught
Au Yu Ping, Ice 區如冰	Yan Oi Tong Tin Ka Ping Secondary School 仁愛堂田家炳中學	auyuping@gmail.com	2466 5270	Chinese Language
Fung Yuen Han 馮婉嫻	Yan Oi Tong Tin Ka Ping Secondary School 仁愛堂田家炳中學	yuenhanf@gmail.com	2466 5270	Chinese Language & Culture, Putonghua
Sin Yuk Chun 冼玉珍	SMKMCF Ma Ko Pan Memorial College 馬錦明慈善基金馬可賓紀念中學	rosita828828@yahoo.com.hk	2407 7440	Chinese Language & Culture
Lee Bing Fai 李炳輝	Lok Sin Tong Wong Chung Ming Secondary School 樂善堂王仲銘中學	bleechris@gmail.com	2382 0002	Visual Arts
Wan Wai Yan, Sally 溫慧欣	Shatin Tsung Tsin School 沙田崇真學校	sallywywan@gmail.com	2691 8194	English, General Studies
Zhang Cai Hong, Rainbow 張彩虹	Pui Kiu College 培僑書院	rainbowzhang_ied@yahoo.com.hk	2602 3166	English

Teacher Associates

Name	School	Email	Sch Tel	Subjects Taught
Ho Wing Sze, Teresa 何詠詩	ELCHK Lutheran Secondary School 基督教香港信義會信義中學	Teresa.hows@ymail.com	2780 2291	Physics
Lau Wing Sze 劉穎思	The Mission Covenant Church Holm Glad College 基督教聖約教會堅樂中學	wingszel2001@yahoo.com.hk	2727 4312	Chinese Language
Lee Yeung Chun, Eddy 李揚真	Raimondi College 高主教書院	eddy.ydee@gmail.com	2522 2159	Geography
Tse Hoi Ming, Hidy 謝鎧銘	HKUGA Primary School 港大同學會小學	sjsthm@gmail.com	2202 3922	Integrated Science

Professional Development Network for Knowledge Building in Schools (KBTN) 2008-09

Week	Date	Workshop & KLA Meeting	Themes and Learning Objectives
23 Aug 2008 - Introduction to Knowledge Building Teacher Network			
4	27 Sep 2008	Workshop 1	Introduction: Setting stage for success - Follow up on August workshop - How to encourage active learning, discussion, question asking in classroom teaching? Knowledge building principles? - Knowledge building principles
7	See calendar (Oct 2008)	KLA meeting 1	To follow up on Workshop 1
11	15 Nov 2008	Workshop 2	How to start knowledge building with KF? - How to integrate curriculum? Big idea? - How to encourage students' active roles? Inquiry? Collaboration? - How to read notes and provide feedback? KB principles?
13	See calendar (Nov 2008)	KLA meeting 2	To follow up on Workshop 2 themes for classroom implementation
15	See calendar (Dec 2008)	KLA meeting 3	To discuss progress and troubleshooting on classroom implementation
19	10 Jan 2009	Workshop 3	How to motivate, deepen student discussion? - How to avoid writing on KF as 'assignment'? - How to link up KF with classroom discussion (KB talk) with students? - How to deal with too few or too many notes? KB principles?
20	See calendar (Jan 2009)	KLA meeting 4	Planning and follow up on Workshop 3 themes for classroom implementation
24	See calendar (Feb 2009)	KLA meeting 5	To discuss progress and troubleshooting on Workshop 3 themes for classroom implementation
27	7 Mar 2009	Workshop 4	How to assess? Are my students learning and making progress? - How to use KF ATK/applet tools to assess? - How to help students do peer assessment? - How to use knowledge building principles?
29	See calendar (Mar 2009)	KLA meeting 6	Planning and follow up on Workshop 4 themes for classroom implementation
33	See calendar (Apr 2009)	KLA meeting 7	To discuss progress and troubleshooting on Workshop 4 themes and classroom implementation
35	30 Apr 2009	Workshop 5	Summary of Learning - How to help students to summarize learning? - What have we learned? - What are your success stories with students?
39	See calendar (May 2009)	KLA meeting 8	To follow up on workshop themes and classroom implementation
27 Jun 2009 - Dissemination: Highlights of Knowledge Building and Presentation of Certificates and Awards to Students and Teachers			

Professional Development Network for Knowledge Building in Schools (KBTN) 2008-09

Workshop	Week	Date	Theme
1	4	27 Sep 2008	Introduction: Setting the stage for success
2	11	15 Nov 2008	How to start knowledge building with KF?
3	19	10 Jan 2009	How to motivate, deepen student discussion?
4	27	7 Mar 2009	How to assess? Are my students learning and making progress?
5	35	30 Apr 2009	Summary of Learning

Note: Thursday (2:30pm - 5:30pm) or Saturdays (9:30am - 12:30pm)

KLA meeting	Week	Sec English	LS	English & GS	Chinese	Science	ST & Yr 2 Teachers
1	7	<i>Notes:</i> Exact dates for individual KLA groups are to be confirmed. Suggested time for the KLA meeting: 3:30pm - 5:30pm ST & Yr 2 Teachers Group will be led by Dr. Chan at HKU.					
2	13						
3	15						
4	20						
5	24						
6	29						
7	33						
8	39						

Classroom Implementation

Round	Weeks	Dates	Notes:
1	12-18	17 Nov - 31 Dec 2008	<i>There are 4 rounds of classroom implementation. Participating teachers only need to choose 2 from 4 rounds to try out KB. STs will support your teaching and go to classroom to help you learn how to conduct discussion with students. Based on their KF work, how to do KB talk, how to do assessment with students, etc.</i>
2	20-25	12 Jan - 20 Feb 2009	
3	28-33	9 Mar - 17 Apr 2009	
4	36-41	4 May - 12 Jun 2009	

Dissemination

Week	Date	* Highlights of Knowledge Building and Presentation of Certificates and Awards to Students and Teachers
43	27 Jun 2009	

Summary of basic number of hours to be spent on the project

	No. of Hrs	Remarks
Introduction	3.5	
Workshops	15	5 workshops x 3 hrs
KLA meetings	18	9 meetings x 2 hrs
Dissemination	4	

Discussion on Classroom Implementation	15
Others (Readings student notes & curriculum)	10
Writing on Knowledge Forum	3

Total: 60-70 approx.

Professional Development Network for Knowledge Building in Schools (KBTN) 2008-09

General Notes

- 1) Each of 5 workshop is to be followed by 2 KLA meetings; the first one is for teachers to discuss what they have learned and plan what they are going to do. The second one is when teachers will report on what they have tried out. The group will develop some standard forms so ST would have some standard questions to work on.
2. Project research assistants will phone teacher coordinators (with help of their ST) and collate questions and comments before each workshop. Such info will help student and teaching learning. We will also be glad to send reports to school and EDB.

Teacher Commitment*

1. Preparation – Read and Implement materials provided
2. Teaching Time – teach the approach for several weeks (2 rounds in the year) with coteaching and support from ST
3. Teacher Development Meetings (workshops) – Attend 5 teacher development meetings across the year to report on progress
4. KLA Teacher meetings – Meet with support teachers about once a month in the year
5. Write on Knowledge Forum at least 3 times in a year for reflection (more writing to be encouraged)
6. Assist with helping student assessment

* *Roughly 60-70 hours per year*

Benefits and Recognition of Teacher Performance

Benefits:

- Support from professional team from HKU and experienced kb teachers
- Knowledge Forum
- Access to online learning resources

Recognition:

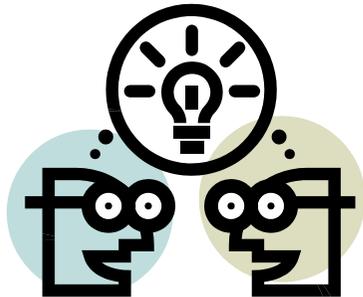
1. 50 CPD hours for participation (teachers will not be credited with low participation)
2. Certificate of appreciation to teacher and school at EDB-HKU June Dissemination
3. Teachers who attend up to 80% workshops/KLA meetings with reasonable performance will be reimbursed transportation (around \$8,00) as book coupons
4. Eligibility for Teacher Award and Student Award Schemes

Recognition for more teachers' intense involvement (i.e., portfolio.. reflection. Video.. documenting own growth and student learning):

1. Special letters of appreciation to school principals and EDB
2. Support to school for part-time/hours for TA
3. Consideration for teacher secondment next year
4. Consideration for attendance in summer Institute oversea (airfare & accommodation provided)
5. Teacher publication – teacher reflection journals of acceptable quality published on the web will be reimbursed with honorarium with recognition (see PEEL)
6. Teacher certification process and M.Ed. course credit– We are in the process of working on certification of knowledge building teacher internationally

In this coming year, you will be trying out 'knowledge building'.
What is it? Why? How? Does it work? 知識建構?

*Share your ideas..explain and build knowledge together..
Knowledge building..
discussion..inquiry.
collaboration..334 reforms...
principles?*



PUTTING IDEAS TOGETHER...

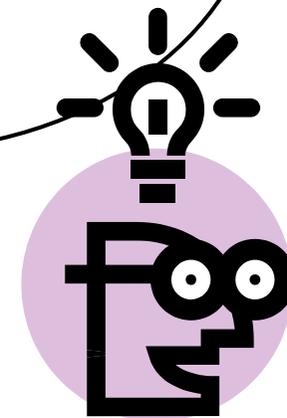
We want to explore.. this question because
我們最關注的問題/希望瞭解/探索

I NEED TO UNDERSTAND
(what I don't know)
我不明白/希望多知道/瞭解



MY IDEA (what I know)
我的看法/我的觀點

NEW LEARNING (what I learn from the talk.. key points...)
重要的資訊/論點... 新學習





Useful Links

Knowledge Building Teacher Network (KBTN)
CITE, The University of Hong Kong

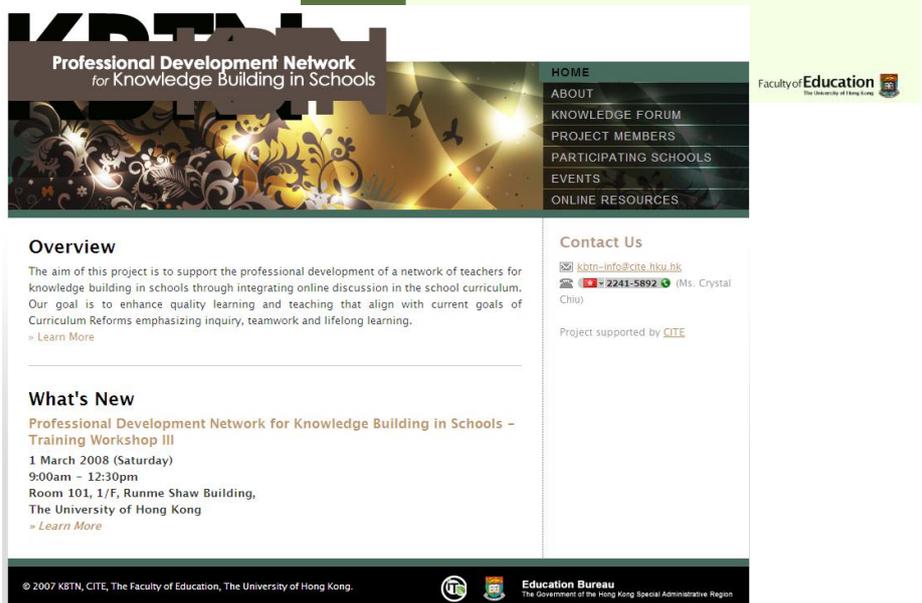
Resources Web

<http://kbtn-resources.cite.hku.hk>



Project information

<http://kbtn.cite.hku.hk>



KF Databases

Lite version

<http://kf.cite.hku.hk/kforum>

Basic/Enhanced version

<http://kf.cite.hku.hk>

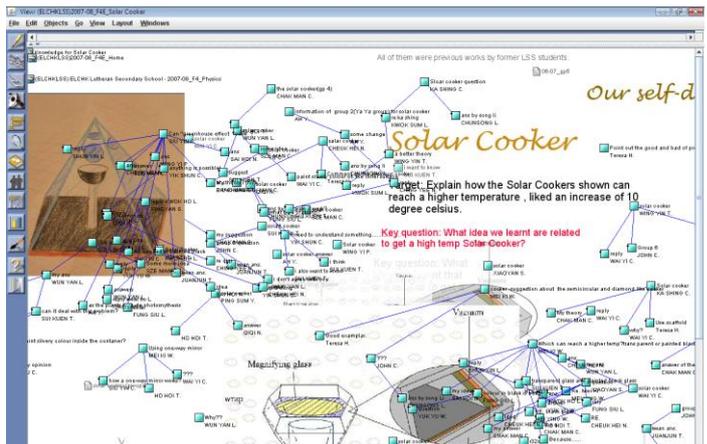
** Enhanced mode of KF is java based, so an appropriate J2SE Runtime Environment (JRE) must be installed to run the program. (Minimum requirement for full functioning: JRE 6 Update 2)*

KF Demo - Workshop Materials

KF Database: KBTN-Teachers2

Login name: guest01.....guest60

Password: guest01.....guest60



Knowledge Building Online Course for Teachers

CITE, The University of Hong Kong
(Chinese & English)

<http://lcp.cite.hku.hk/resources/kbsn/>

知識建構：教師網上課程

課程介紹 甚麼是知識建構 網上協作平台 課程設計 如何向學生介紹 輔助與促進活動 學習成果評估

基本概念 學生分享 教師分享 資料庫 討論區

甚麼是知識建構(KB)及它與我有何關連?

學生分享

下文的錄影片段捕捉了本地學生認為是好的學習經驗。他們的理念與知識建構的理論不謀而合。

他們認為好的學習經驗是：

1. 促成學生擁有學習的主導權 (追求知識 自主自力)

一名瑪利諾神父教會學校的中六學生，陳同學，述知識建構活動如何加強了培學科及多元化的學習。同學能夠因應他們有興趣的題目作研討，這不但推動他們在自己組內供獻知識，也讓他們從其他組身上學習

2. 與真實、實際生活情況及問題有連繫

吳同學是一名主修理科的中六學生。他講述參與太陽能汽車設計校際比賽的經驗，以及如何因此而擴闊了他的視野

梁同學是一名小五學生。他講述他的中國學習之旅及有關旅程與學校環境中的學習如何不同

知識建構：教師網上課程

課程介紹 甚麼是知識建構 網上協作平台 課程設計 如何向學生介紹 輔助與促進活動 學習成果評估

歡迎各位登入這個網上培訓課程。這個課程是為欲在教學過程中運用資訊通訊科技(ICT)進行知識建構(KB)活動的教師而設。此外，這個網頁亦為教師提供了一個交換意見及交流經驗的平台，讓他們分享在學校進行知識建構活動時的所見所聞。這個網頁同時亦展出一一些本地教師的知識建構活動的範例及當中一些有用的資源材料。歡迎你們改動這些材料，以配合本身的教學需要。歡迎各位加入這個聯結網和作出寶貴的貢獻。請隨時瀏覽本網頁，藉以取得最新的教材，並且一同見證它的成長。

本課程共有六項課題(請參閱每頁頁頂的導航杆(Navigation bar))，分別處理下述的相關引導問題，逐步引導你在學校開始進行知識建構活動。你會對知識建構理論有一個概括性的理解，以及懂得如何將有關理論應用在教學上。請選擇切合你的需要的引導問題。

六條問題分別是：

- 甚麼是知識建構(KB)及它與我有何關連?
- 網上協作平台可以怎樣支援知識建構?
- 如何設計知識建構課程?
- 如何向學生介紹知識建構?
- 如何輔助與促進知識建構活動?
- 如何評估知識建構學習成果?

每一條問題之下有下列五個分項，載有不同類別的資料，資源材料及活動：

- 基本概念** - 六項課題的初步概念
- 教學疑難** - 對於關注事項及某些課題的富挑戰性教學問題提供建議，例如如何推展知識建構活動
- 學生與老師分享** - 收錄知識建構及老師與學生的多姿多彩故事及經驗的影片及錄音片段
- 資料庫** - 可下載的文件、樣板、影片及錄音檔案、有用的資訊及超連結、研究論文及報告
- 討論區** - 挑戰各項討論問題或個案研究，以引導你對每一課題的各種問題作更深入理解

Centre for Information Technology in Education (CITE)
The University of Hong Kong
<http://www.cite.hku.hk>

Centre for Information Technology in Education
Empowering communities and transforming learning
Faculty of Education - HKU | 中文

HOME News About Projects Research Programmes

CITE 10th Anniversary

CITE Research Symposium 2008 - Empowering Communities and Transforming Learning
5-7 June 2008 (Thursday to Saturday)

This year is the 10th anniversary of the establishment of the Centre for Information Technology in Education (CITE). This ten-year journey marks an important period in educational and technological developments in Hong Kong and around the world.

We envisage CITE to be a 21st century Centre of Excellence and as a focal point for collaboration and innovation, providing a platform for individuals and institutions, dreamers and experts, to come together and build new knowledge about learning and transformative uses of technology, and to contribute to the improvement of educational practices. Hence, the vision of CITE as it celebrates its 10th birthday is "Empowering Communities and Transforming Learning".

Details

Featured Projects

Professional Development Network for Knowledge Building in Schools

The aim of this project is to support the professional development of a network of teachers for knowledge building in schools through integrating online discussion in the school curriculum. Our goal is to enhance quality learning and teaching that align with current goals of Curriculum Reforms emphasizing inquiry, teamwork and lifelong learning.

Second Information Technology in Education Study

The overarching aims 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.

CITE Events

CITE Seminar: New ways of teaching and learning, the role of technology and open source communities
Date: Apr 14, 2008
Time: 12:45pm - 2:00pm
Venue: Room 101, Runme Shaw Bldg, HKU

CITE 10th Anniversary Seminar: University-school partnership for innovation: reflections on a 10 year journey
Date: Apr 11, 2008
Time: 4:30pm - 5:45pm
Venue: Rm 101, Runme Shaw Bldg, HKU

SITES 2006 press conference
Date: Mar 10, 2008
Time: 2:30pm - 3:30pm
Venue: Rm 101, Runme Shaw Bldg, HKU

More...

ILN Login

Login:
Password:

New Membership | Forgot Password

For any enquiries, please contact us by the following methods
Phone: (852) 2241 5325
Fax: (852) 2517 7194
Email: cite@hkucc.hku.hk
Office: Room 122, Runme Shaw Bld., The University of Hong Kong

Knowledge Forum (KF)
Learning in Motion, United States
<http://www.knowledgeforum.com>

Institute for Knowledge Innovation and Technology (IKIT)
University of Toronto
<http://ikit.org/ksn.html>

Knowledge Building Training Workshop

Feedback Form

意見表

Please circle your response and add any further comment as appropriate.

請圈出最能代表您的意見並在適合的地方填寫詳細意見。

	Strongly Disagree 非常 不同意		No Opinion / Don't Know 沒有意見 /不知道		Strongly Agree 非常 同意
1. The workshop was well organized. 工作坊安排完善。	1	2	3	4	5
2. The sequence of the activities was logical. 今天的活動安排流暢。	1	2	3	4	5
3. Contents of the workshop were relevant. 工作坊內容切合主題。	1	2	3	4	5
4. The workshop could meet its objectives. 工作坊能夠達到預期的目的。	1	2	3	4	5
5. Experience sharing was intellectually stimulating. 經驗分享環節具有知識的啟發性。	1	2	3	4	5
6. Overall comment. 總括來說, 對此工作坊的評價。	1	2	3	4	5

Which was your favourite session in the workshop? Why? 工作坊中您最喜歡哪一節? 為甚麼?

Was there any aspect you were interested in, that was not covered today?

除了工作坊中介紹的, 您還有甚麼想知道?

Other questions and suggestions 其他問題及寶貴建議:

Thank you for completing this feedback form!
多謝您填寫此意見表!



Teacher Consent Form

7 June 2008

Dear teachers,

With the support of Education Bureau (EDB), The Centre for Information Technology in Education (CITE) is continuing our support to schools using knowledge building, an approach that has demonstrated its effectiveness in promoting student learning and higher-order thinking. As Project Leader of this EDB project titled *Professional Development Network for Knowledge Building in Schools*. I wish to thank you for interest in the project.

To ensure quality and to understand how teachers and students may benefit from the knowledge building (KB) approach and teacher network, we have designed this project including a research and evaluation component so we can link good practice with evidence. More importantly, we want to understand how we can design the teacher development activities in ways so we can best help teachers and students in using the knowledge building approach and addressing their learning needs.

Your involvement in the project will include planning, implementing and evaluating the use of knowledge building approach in your subject area supported by other teachers and teacher-educators in the network. You will be involved in teacher professional development to help you employ knowledge building and *Knowledge Forum* in your teaching. You will be discussing, observing, and co-teaching with other teachers (mentors, mentees) to improve your pedagogy with occasional videotaping with your permission. You will have the opportunities to attend teachers' workshops and you are encouraged to share your views and post reflective notes onto the *Knowledge Forum* database. You will also be interviewed at appropriate intervals to document your understanding and practice. Some of your students may be interviewed before and after the introduction of the *Knowledge Building and Knowledge Forum* in your class.

All data collected from this project will enable us to understand how we can most effectively assist teachers in incorporating this new teaching approach for 3+3+4 reform and how this approach can benefit student learning. Findings from research and evaluation, where appropriate, will be disseminated to you and your school, and the wider community. The data we obtained will be kept in strictly confidential manner and no teacher or student identity will be revealed. We will be most happy to discuss with you in person the project findings that can help you to be more effective in helping your students.

Please complete the reply slip to indicate whether you would participate in this research. Participation is entirely voluntary, and all information obtained will be used for research purposes only. If you have any questions about the research, please feel free to contact our **Project Coordinator, Ms Crystal Chiu** at tel. **2241-5892** or email **crystal@cite.hku.hk**. If you want to know more about the rights as a research participant, please contact the Human Research Ethics Committee for Non-Clinical Faculties, the University of Hong Kong (2241-5267).

Your help is very much appreciated.

Yours sincerely,

Dr Carol K.K. Chan
Principal Investigator
The University of Hong Kong



Reply slip

I have been advised that Ms Crystal Chiu (2241-5892), Project Coordinator of the “*Professional Development Network for Knowledge Building in Schools*” Project, and the Human Research Ethics Committee for Non-Clinical Faculties, the University of Hong Kong (2241-5267) will respond to any questions or concerns I may have concerning my participation in this study. I know that I may withdraw my participation at any time.

I am fully aware of the nature and extent of my participation in this project as stated above. I hereby agree to participate in this study. I acknowledge that I have received a copy of this consent statement.

Teacher Name (Printed): _____

Signature of Teacher: _____

School Name: _____

Date: _____



23 August 2008

Dear Principal / Teacher,

Professional Development Network for Knowledge Building in Schools (KBTN)
Technical Meeting

In order to prepare schools for the use of Knowledge Forum® and IT technicians for providing school-based technical support, therefore we would like to schedule a technical meeting for staff from school's technical team. The meeting will be held on **1 Sep and 2 Sep 2008 from 10:00am to 12:00nn in Room 101, Runme Shaw Building, The University of Hong Kong. Participants can choose to attend either session as they are identical.** In the meeting, our computer officer would introduce the Knowledge Forum® and common problems with its use. We would appreciate if you could pass this letter to relevant colleagues and return the reply slip to us by email crystal@cite.hku.hk or fax at 2517-7194 **on or before 27 August 2008 (Thurs).**

Thank you.

Yours sincerely,

Dr. Carol K. K. Chan
Project Leader
Knowledge Building Teacher Network

KBTN Technical Meeting
Reply Slip

I/We will attend the technical meeting on
[] 1 Sep 2008 (Mon) (10:00am – 12:00nn)
[] 2 Sep 2008 (Tue) (10:00am – 12:00nn)
Please use (✓) to indicate your choice.

School: _____

Name of participant: _____

Post: _____

Email: _____

Name of participant: _____

Post: _____

Email: _____