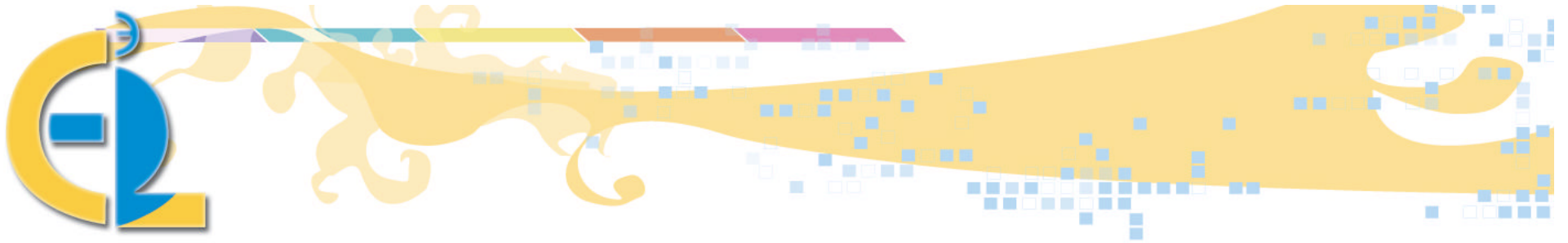




<b>Title</b>	<b>e3Learning Tools: Showcasing and Test Driving</b>
<b>Author(s)</b>	<b>Csete, J; Lam, P</b>
<b>Citation</b>	<b>CITE Seminar: What Makes Online Learning "Good"?: A Conceptual Model Supported by Real Examples, Hong Kong, China, 17 February 2006</b>
<b>Issued Date</b>	<b>2006</b>
<b>URL</b>	<b><a href="http://hdl.handle.net/10722/43996">http://hdl.handle.net/10722/43996</a></b>
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# e3Learning Tools: Showcasing and Test Driving

November 9, 2005

Josephine Csete, Hong Kong Polytechnic University

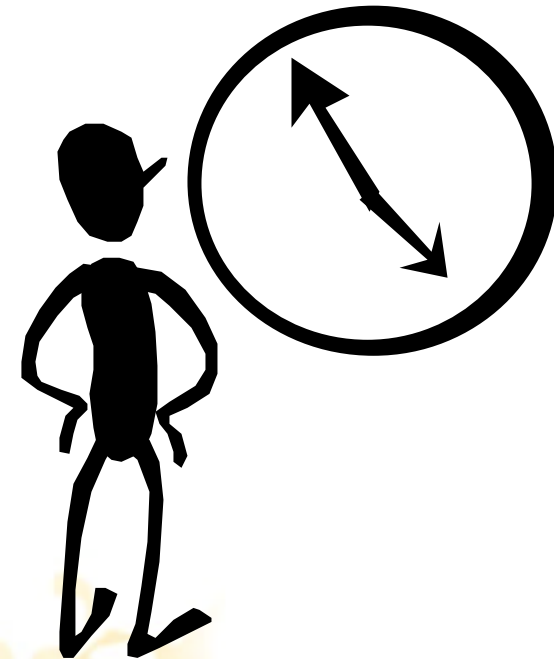
Paul Lam, The Chinese University of Hong Kong





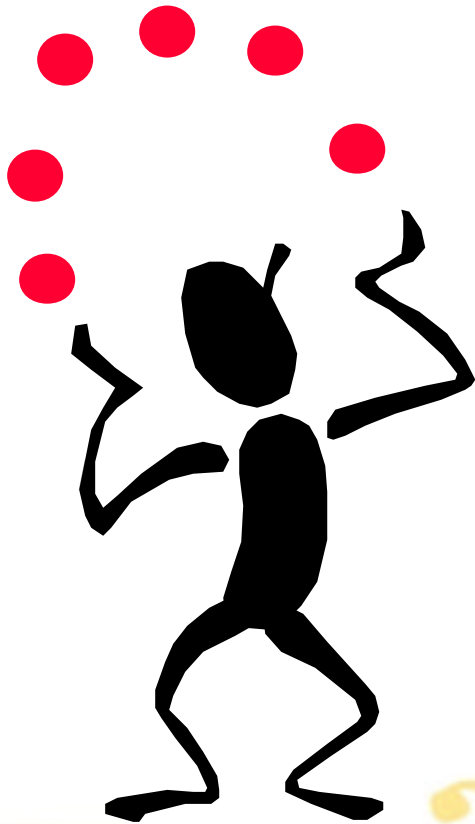
# Agenda

- ✍ Who we are and what we want from this session
- ✍ e3Learning project structure
- ✍ Overview of types of e-interactions
- ✍ Hands on & debrief:
  - ✍ Interaction with content
  - ✍ Interaction with peers
  - ✍ Interaction with instructors
- ✍ ePlanning Matrix discussion
- ✍ AOB





## Who we are (I)



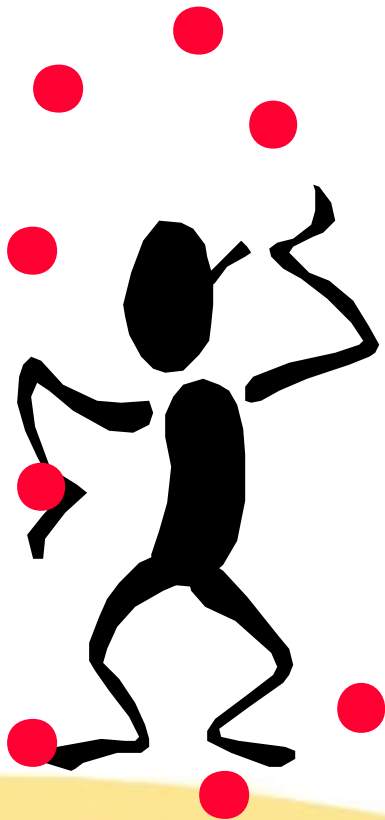
✍ How long have you been doing this?

✍ What is your role?



## Who we are (II)

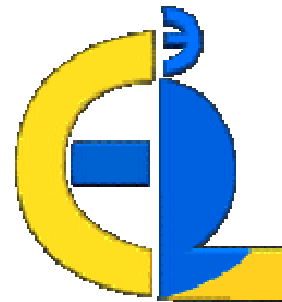
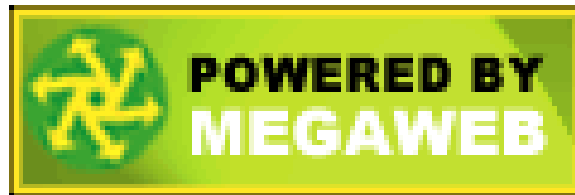
What do you want to get out of this session?



- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



# A story of two projects to support teachers



Visit website at: <http://megaweb.polyu.edu.hk/>

Visit website at: <http://e3learning.edc.polyu.edu.hk>



# MegaWeb: Background

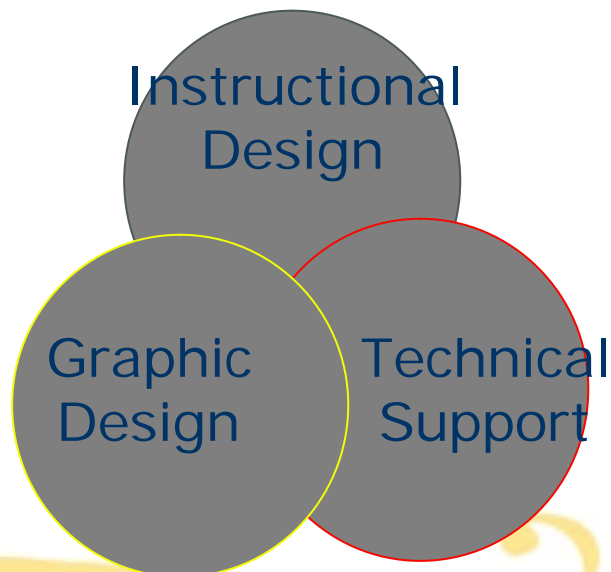
- ✍ Government funded grant 1998-2002
- ✍ “Enhancing Learning, Teaching, and Curricula with a University-wide Integrated World Wide Web Framework”
- ✍ Over 400 meetings with staff
- ✍ 241 sites built
- ✍ 7 full time project staff, **MANY** part-time student employees





# MegaWeb: Support for the development of high quality web sites

✍ Multiple inputs into design and development of sites



*Flexibility*





# e<sup>3</sup>Learning: A collaborative project based on three domains

- ✍ A two year project starting October 2002
- ✍ “The Development of a Comprehensive Web-enabled Learning System: a Collaborative Project Based on Three Domains – **New Technologies, Site Development, and Evaluation**”

Visit website at: <http://e3learning.edc.polyu.edu.hk>



# e3Learning Project Services

- ✍ 70 Subject websites with evaluation
- ✍ 35 Website enhancements
- ✍ 34 Adjunct and support sites
- ✍ Many consultations
- ✍ 10+ local workshops
- ✍ International dissemination



[http://e3learning.edc.polyu.edu.hk/  
edc05/](http://e3learning.edc.polyu.edu.hk/edc05/)

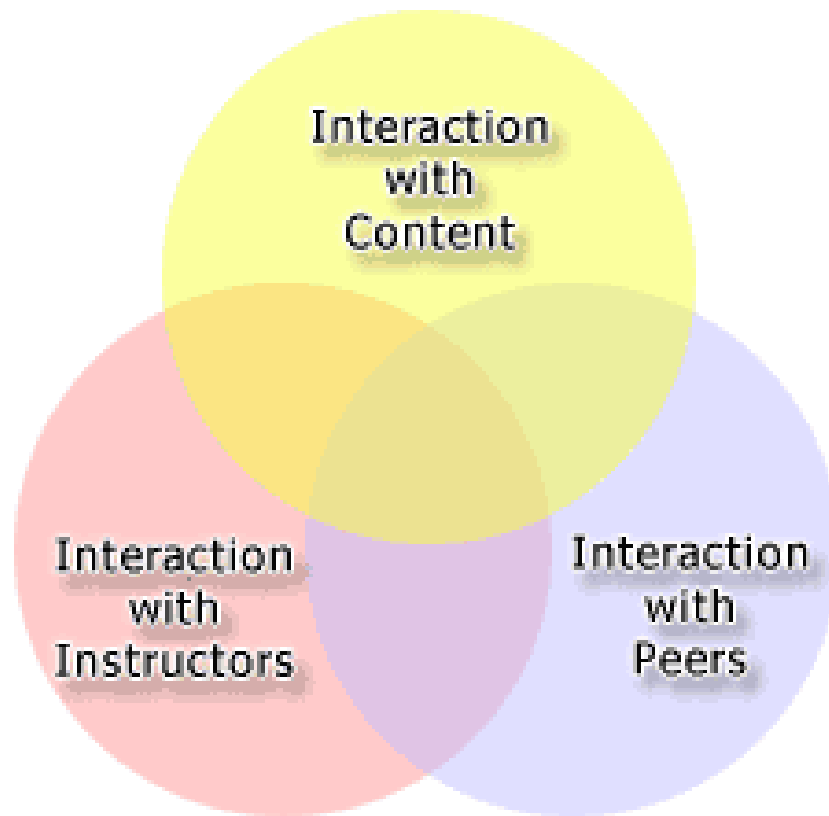
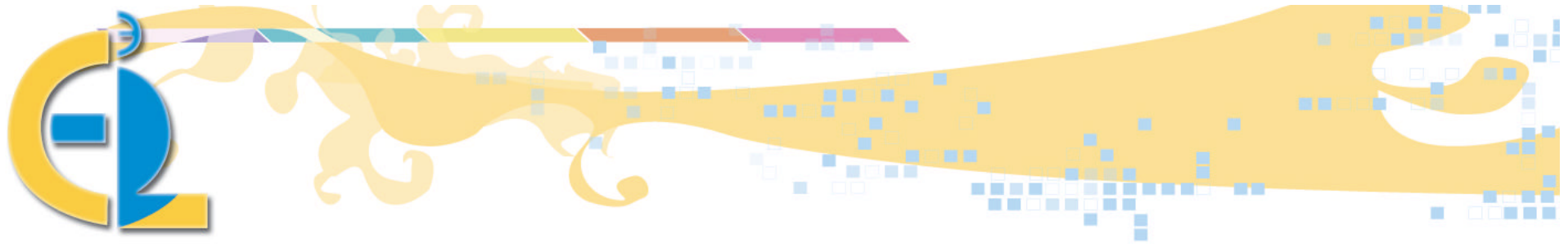


CDrom



Web





## What kinds of interactions have you...

- ✍ Experienced?
- ✍ Used in your teaching/course development?

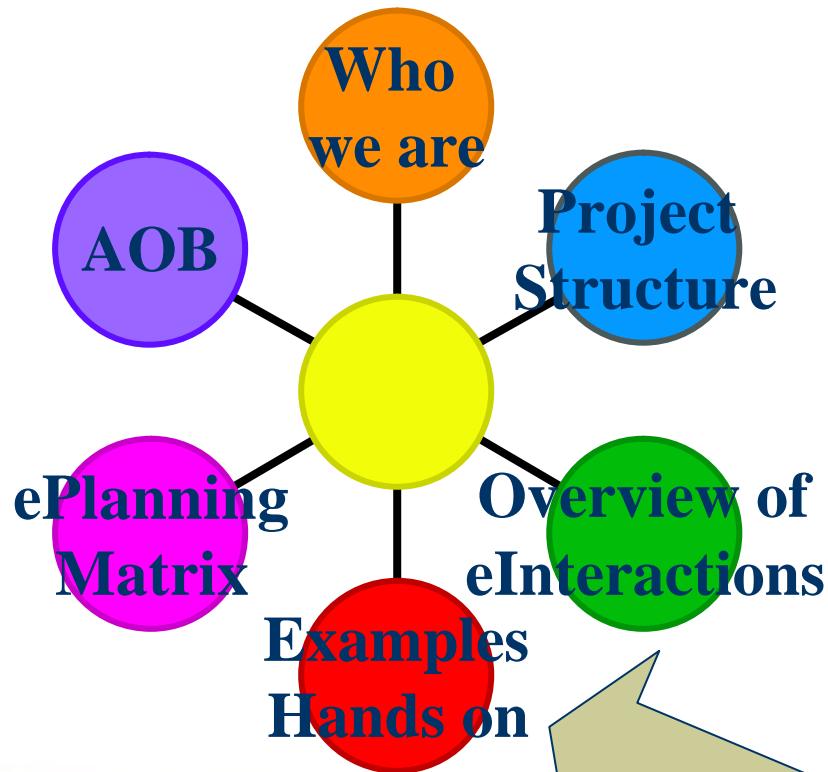
Karen Swan 2003 Paper

Karen Swan PPT





# Time for Hands On...



- ✍ In small groups try the examples in a category
- ✍ First: note your general impressions on the Worksheet
- ✍ Later: Select ONE to describe to larger group (use “ePlanning Matrix”)

# Let's take a look together first...



CDrom



Web



- ✍ Chose ONE example in the category
- ✍ Be prepared as a group to share:
  - ✍ Likes
  - ✍ Dislikes
  - ✍ Potential applications
  - ✍ ePlanning matrix
  - ✍ comments



# Interaction with content



CDrom



Web



- ✍ Chose ONE example in the category
- ✍ Be prepared as a group to share:
  - ✍ Likes
  - ✍ Dislikes
  - ✍ Potential applications
  - ✍ ePlanning Matrix comments





# List of content examples

## ✍ Just-in-time information through online references

- ✍ Glossary of Medical Terms
- ✍ Mandarin Pronunciation

## ✍ Better explanation of dynamic concepts through animation and simulation

- ✍ Nuclei behavior
- ✍ Virtual Laboratory
- ✍ Retiniscopy
- ✍ Earth pressure

## ✍ Application of concepts through online cases

- ✍ Vignette
- ✍ Video case study
- ✍ Story telling

## ✍ Improvement of procedural knowledge through videos

- ✍ Online Workshop
- ✍ Online video library

## ✍ Consolidation of knowledge and skills through self-assessment with feedback

- ✍ Self assessment
- ✍ Flash cards
- ✍ Bingo game
- ✍ Drag-n-drop
- ✍ Fluid Flow
- ✍ Sedimentation
- ✍ Centrifuge

## ✍ Learning through playing educational games

- ✍ Crossword Puzzle
- ✍ Grammar Slot Machine
- ✍ Fluid Flow in Pipe
- ✍ Material Balance
- ✍ Role Play Game

## ✍ Increasing assessibility through mobile-learning

- ✍ Course Materials in the Pocket
- ✍ Tracking Materials Usage in PDAs



# What do you think?

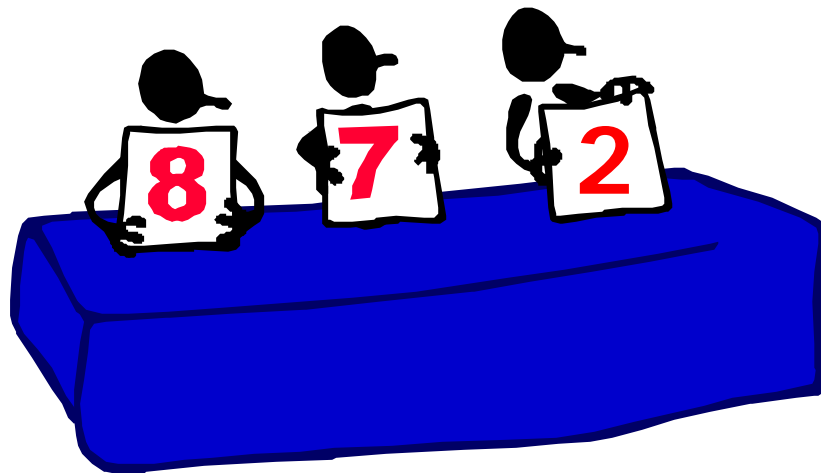
Of the **content** examples  
you saw...

 What did you:

 Like?

 Dislike?

 Potential applications?



# Interaction with peers & instructors



CDrom



Web



- ✍ Chose ONE example in each category
- ✍ Be prepared as a group to share:
  - ✍ Likes
  - ✍ Dislikes
  - ✍ Potential applications
  - ✍ ePlanning Matrix comments



# List of peer examples

- ✍ **Building an online learning community**
  - ✍ Corner cafe
- ✍ **Peer learning through online group work**
  - ✍ Online group work
- ✍ **Challenging each other's ideas through peer commenting and discussion**
  - ✍ Peer commenting
  - ✍ Online debate
- ✍ **Reflective learning through peer critiques and revision of assignments**
  - ✍ Peer critique of group assignments
- ✍ **Building a larger learning community through inter-cultural exchanges**
  - ✍ Cultural exchange between Hong Kong and Korea
- ✍ **Better understanding through synthesis and creation by doing multimedia projects**
  - ✍ Cybernetic Show



# List of instructor examples

## ✍ Clarification of ideas with teachers through chat-rooms and discussion forums

- ✍ Discussion forum of vignette
- ✍ Chat room dialogue

## ✍ Extended discussion on news and controversial ideas

- ✍ Discussion forum using news
- ✍ Discussion forum on controversial ideas

## ✍ Answering students' questions about the course using forum & FAQ

- ✍ FAQ of submitting assignments

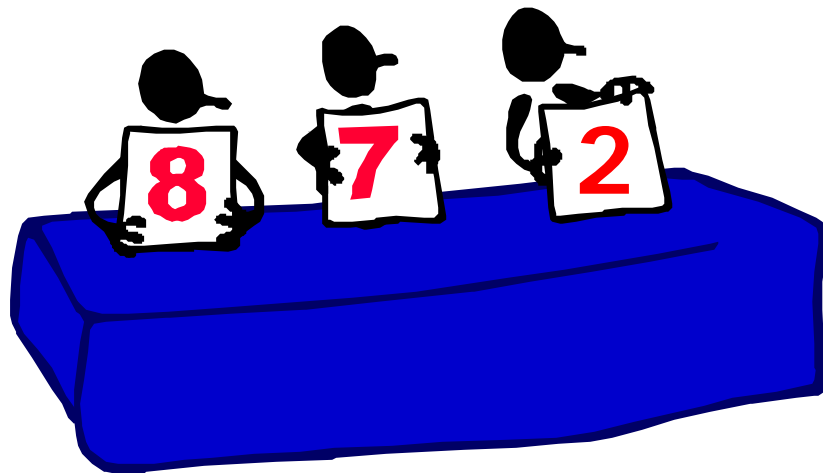
## ✍ Sharing expertise through video conferencing

- ✍ Presentation using video conferencing



# What do you think?

Of the **peer & instructor** interaction examples you saw...



✍ What did you:

✍ Like?

✍ Dislike?

✍ Potential applications?



# Application to your own context

- ✍ Review your priority scoring on the “ePlanning checklist”
- ✍ What have you seen today that might help you better address your priority goals?

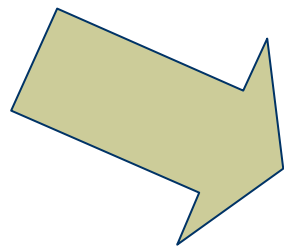






Any comments or questions?

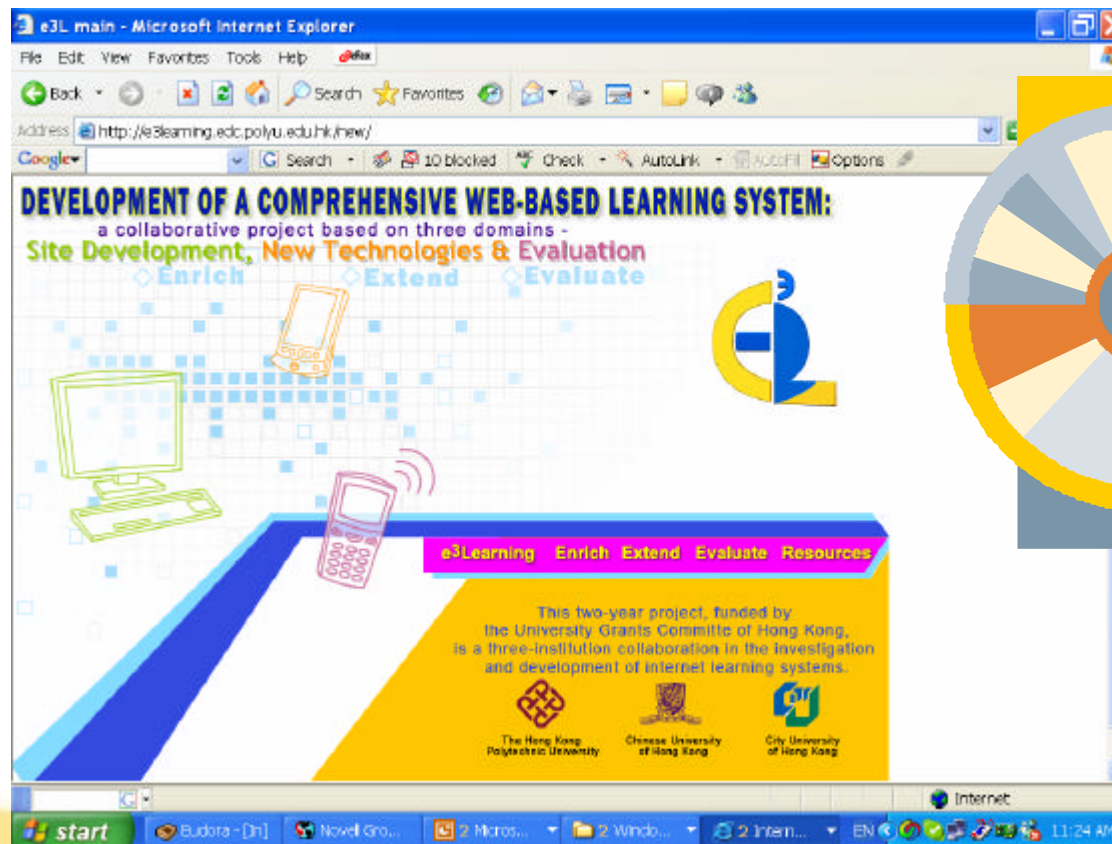
Have your goals  
been met?

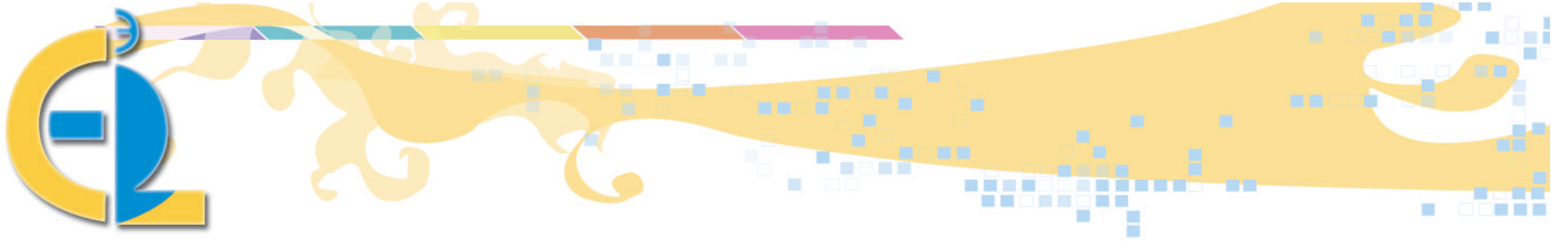




# For your future reference

<http://e3learning.edc.polyu.edu.hk>





From today's  
session...

what's your  
“keeper”