

# New Learning Spaces @ Universities



The University of Hong Kong

13 April, 2010

Bob Fox



Centre for Information Technology in Education (CITE)

Faculty of Education

The University of Hong Kong



# Overview

- Imagining future learning spaces
- New spaces meeting needs of 3+3+4
- Studies informing design of new learning spaces
- New spaces - empowering teaching and learning
- Learning designs – Physical and Virtual
- Case studies in Hong Kong



**Imagining Future Learning Spaces**

# New opportunities and changing needs

- Large increase in student intake in 2012
- New opportunities, curriculum, new buildings, new technologies, changing study habits
- Changing student demographics (younger)
- Changing curriculum demands – KBE and 3+3+4

# Studies informing the design of new learning spaces



**EDUCAUSE Quarterly Magazine, Volume 32, Number 1, 2009**

A SPECIAL ISSUE ON ...

# Learning Spaces

<http://www.educause.edu/EDUCAUSE+Quarterly/EQVolume322009/EDUCAUSEQuarterlyMagazineVolum/163844>

See also: <http://delicious.com/bobfox/learningspaces>



# Studies informing the design of new learning spaces

## LEARNING SPACES FORUM

FRIDAY 16 APRIL 2010

Promoting Excellence Initiative

Guest Presenter:

*Professor Mike Keppell Director of The Flexible Learning Institute and  
Professor of Higher Education at Charles Sturt University*



<http://www.mq.edu.au/ltc/LTCWorkshops/Workshops.php>

# Studies informing the design of new learning spaces

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## Using Web 2.0 in Your Teaching

Ideas, Applications and Affordances for  
Enhanced Educational Outcomes

A Presentation by ALTC Teaching Fellow,  
Dr Matthew Allen

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Venue: Room 101, Law Building, Kensington Campus

Date/Time: Friday 16<sup>th</sup> April  
1.00 - 2.30pm



LEARNING & TEACHING  
@ UNSW



Evidencing changes in study habits (Bransford et al, 2000) and where students learn (Oblinger, 2004; Brown, 2003 & 2005)

## Commons places for Learning

- A home for learning
- A quiet place for independent study
- A place to meet for group work
- A noisy place for interaction
- A place to make and trial multimedia presentations
- A place to relax & a place for eg Art student exhibitions
- A place to get advice & help on project development, etc





# CUHK Studies

- Review existing T&L places and report on their affordances for active learning
- Recommend changes to existing spaces and designs for new places
- Propose experimental classrooms and learning commons and study areas
- Evaluate effectiveness of pilot areas
- Report on appropriate re-purposing of places
- Report on design specifications for new T&L environments to meet needs for 2012 and beyond

(Fox, Lam, Ho & Cheung, 2009; Fox & Lam, submitted)

# Informal Learning Places, CUHK



Esther Lee Blg

# Informal Learning Places, CUHK



**TCW**

Many places outside classrooms could be learning places

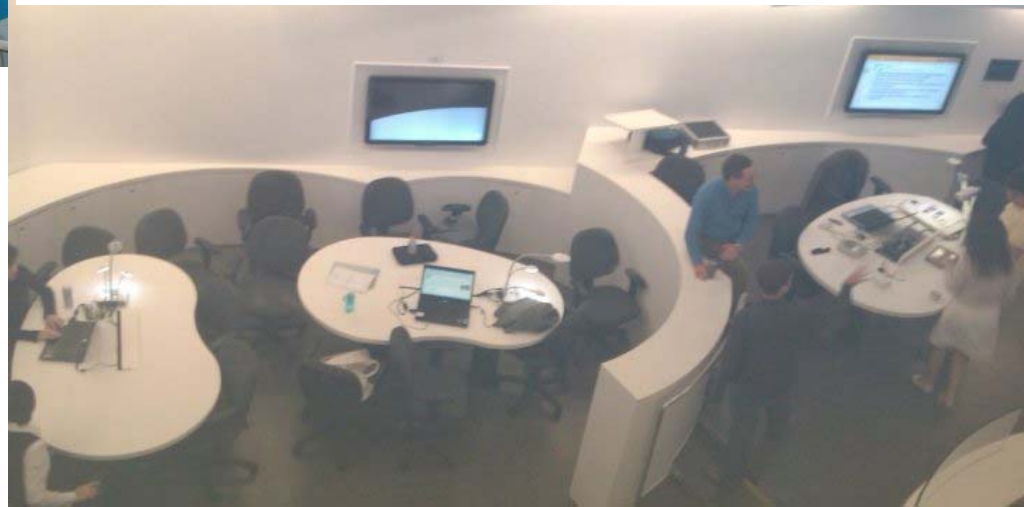
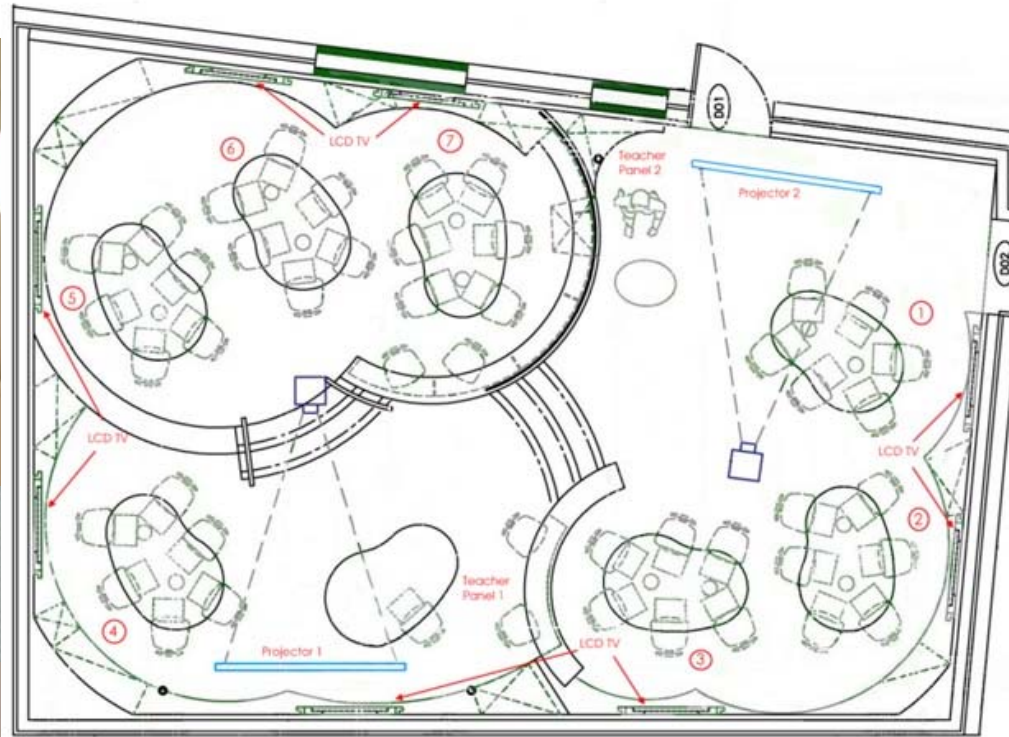


# Experimental Classroom, Melbourne University



<http://www.slideshare.net/kaikwong/seminar-14-feb2008-part2/>

# Experimental Classroom, HKU





# Experimental Classroom, HKU





# Experimental Classroom, HKU



# Experimental Classroom, HKU

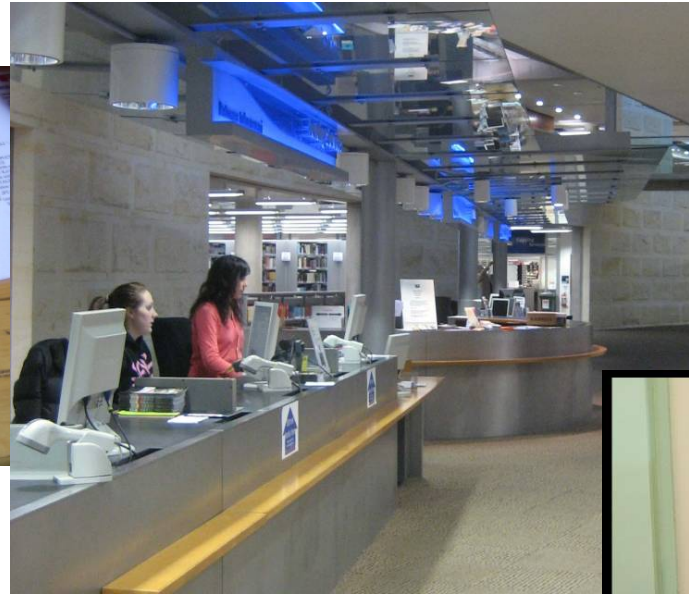




# What spaces, what facilities, what services?



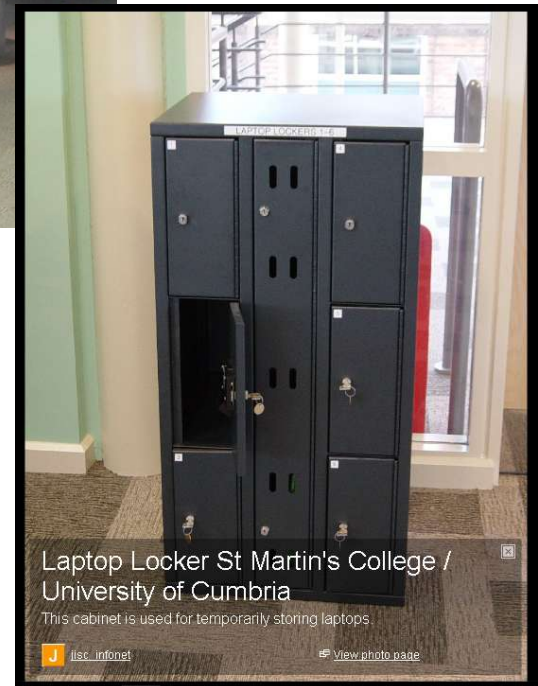
Cafe



Help Desk



Exhibition and Event Area

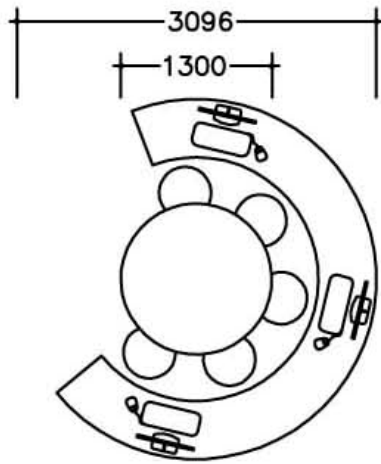


Laptop Lockers



Diner Booth Group Study and Individual short-stay work top



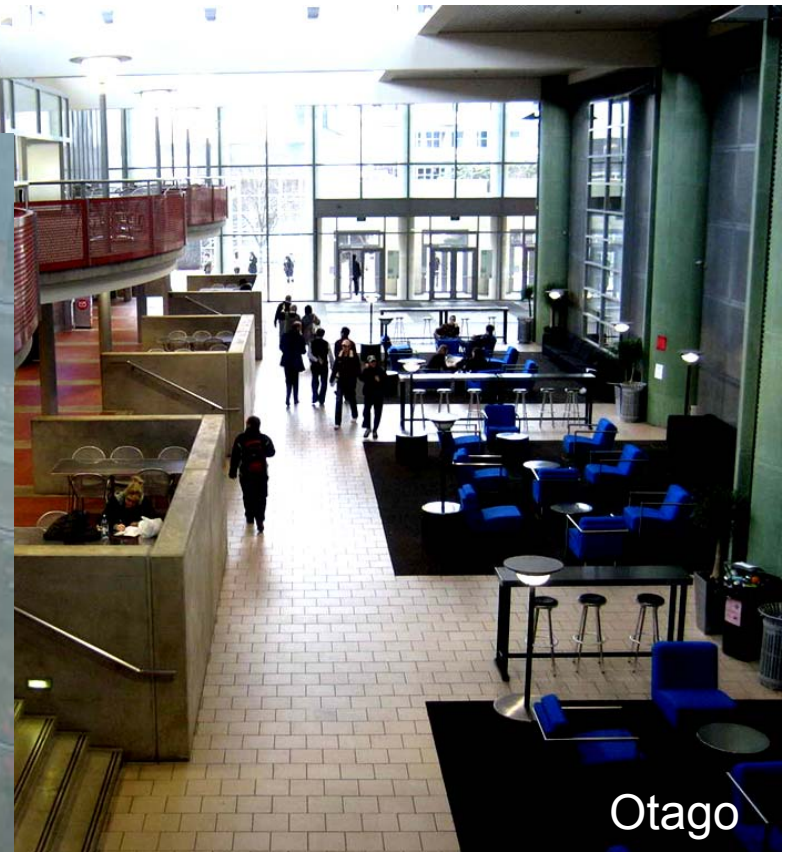


Diner Booth Group Study



Casual Study Areas  
Natural light spaces





Casual Study Areas



Otago

Individual Study Spaces



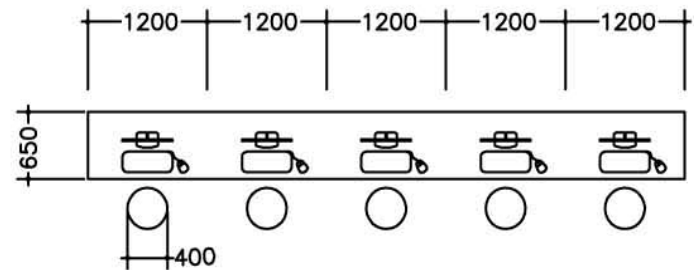
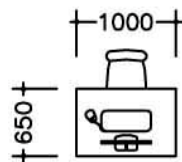
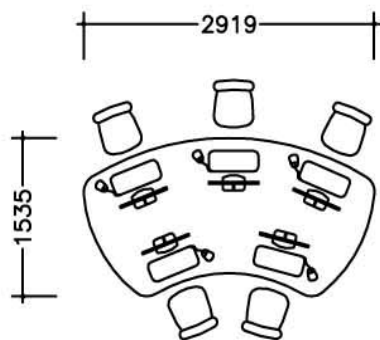
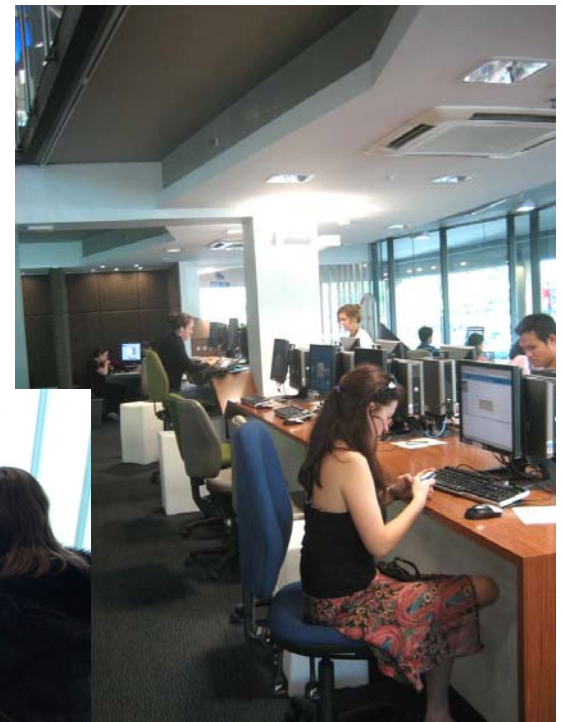
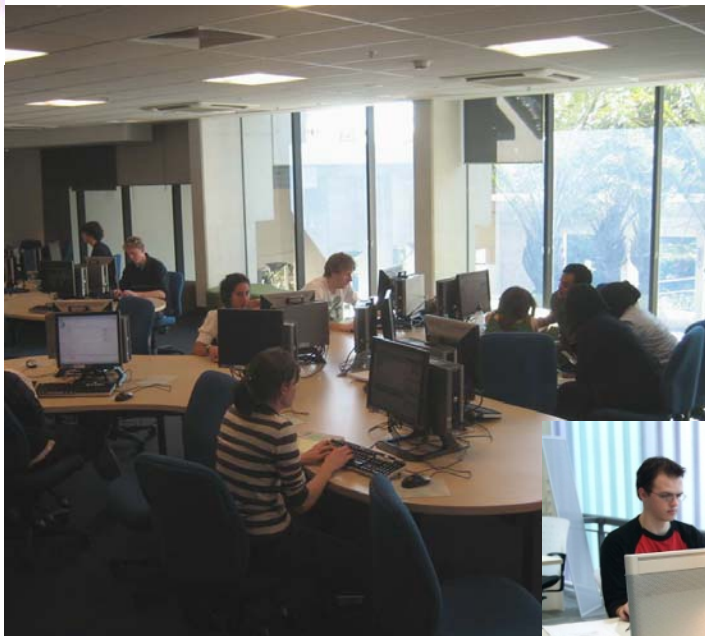
Otago



# Warwick University 'Learning Grid'

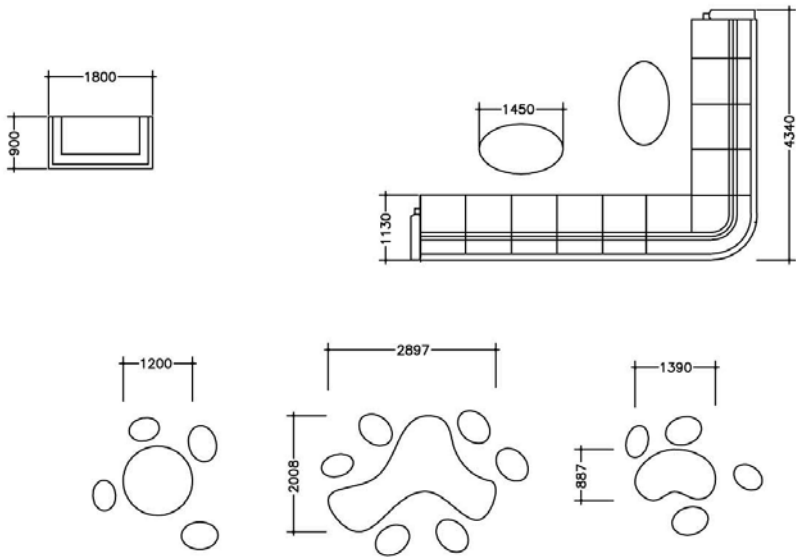


Virtual tour <http://www2.warwick.ac.uk/study/grid/users/firsttime/>

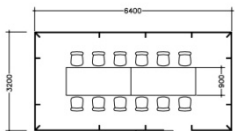


## Computer Clusters





## Lounge and Casual Seating



Group Study Rooms for 12 and 25 persons





Learning skills labs



Multi-media room



Consultation areas

## Sample Learning Commons



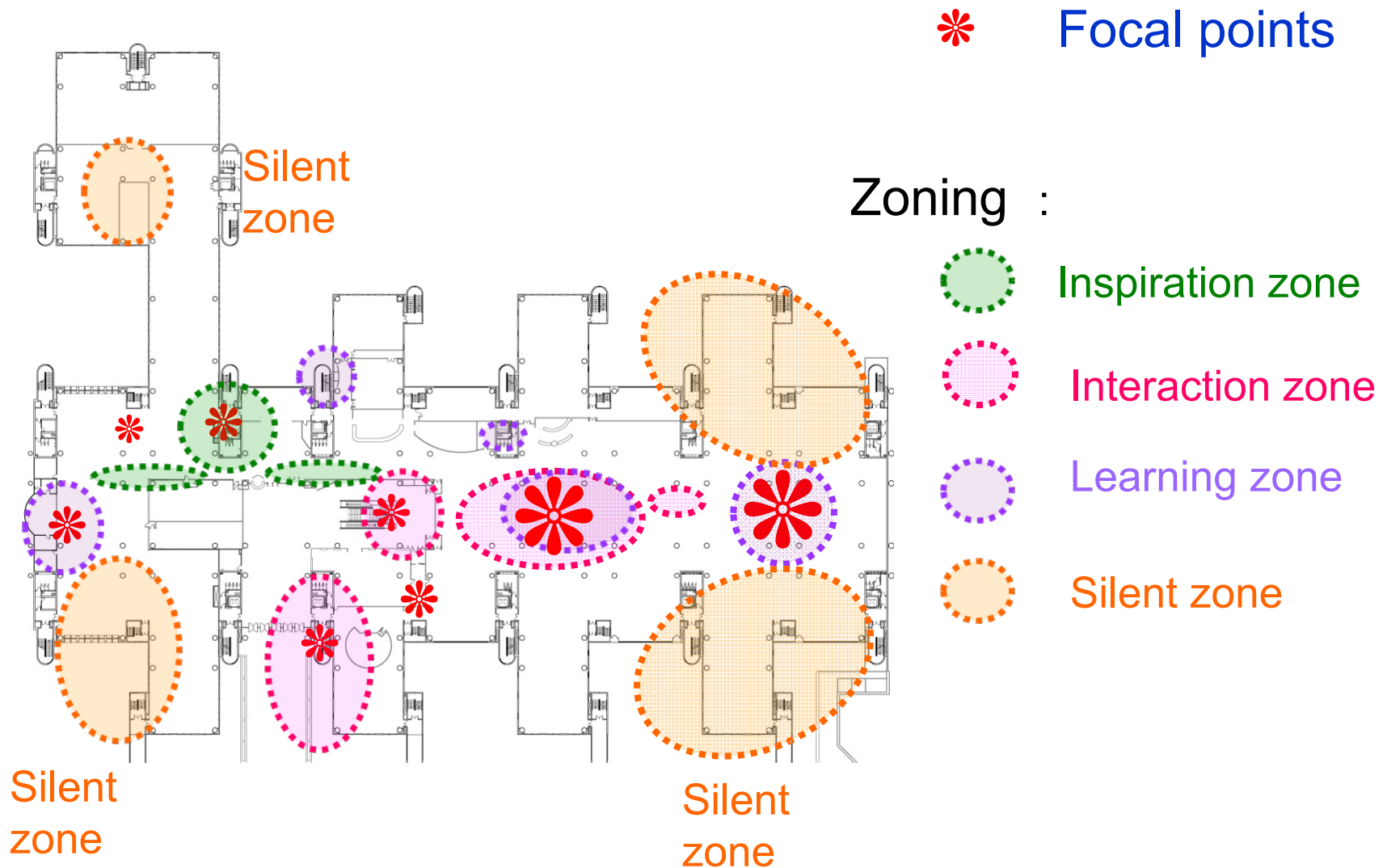
University of Leeds



Queensland University



# Focal Points and Variety of Spaces, CityU





Group study area, City University of Hong Kong



Leisure area, City University of Hong Kong





## *Egg-shaped Group Activity Room*

Movie/Educational Film Showing



## *Interactive Learning Zone*

Group discussion rooms  
Group viewing room  
Language clinic/other facilities for collaborative learning

City University of Hong Kong



# Interactive Learning Zone

(approx. 700 sq. m.)



City University of Hong Kong



# Interactive Learning Zone

City University of Hong Kong





# Interactive Learning Zone

## City University of Hong Kong





# Interactive Learning Zone

## City University of Hong Kong





# Learning Commons @ HKU 6000sm





The architectural site plan depicts a complex university campus layout. A central courtyard, labeled 'COURTYARD BELOW 101', is a focal point, featuring a winding path and landscaped green areas. To the left, a large lecture hall (101.2) and a library (101.3) are situated. The plan is divided into several color-coded zones: a large orange area on the left, a central purple area, and a right side with various colored blocks (blue, red, yellow, green). Buildings are labeled with letters A through H, and some are numbered (e.g., 101.1, 101.2, 101.3, 101.4, 101.5, 101.6, 101.7, 101.8, 101.9, 101.10, 101.11, 101.12, 101.13, 101.14, 101.15, 101.16, 101.17, 101.18, 101.19, 101.20, 101.21, 101.22, 101.23, 101.24, 101.25, 101.26, 101.27, 101.28, 101.29, 101.30, 101.31, 101.32, 101.33, 101.34, 101.35, 101.36, 101.37, 101.38, 101.39, 101.40, 101.41, 101.42, 101.43, 101.44, 101.45, 101.46, 101.47, 101.48, 101.49, 101.50, 101.51, 101.52, 101.53, 101.54, 101.55, 101.56, 101.57, 101.58, 101.59, 101.60, 101.61, 101.62, 101.63, 101.64, 101.65, 101.66, 101.67, 101.68, 101.69, 101.70, 101.71, 101.72, 101.73, 101.74, 101.75, 101.76, 101.77, 101.78, 101.79, 101.80, 101.81, 101.82, 101.83, 101.84, 101.85, 101.86, 101.87, 101.88, 101.89, 101.90, 101.91, 101.92, 101.93, 101.94, 101.95, 101.96, 101.97, 101.98, 101.99, 101.100). The plan also shows parking lots, roads, and surrounding landscape features like trees and a building labeled 'EXISTING BUILDING'. A note at the bottom right indicates 'EVA DRIVEWAY' and '7.2m WIDE (SLOPE 1:10)'. The plan is oriented with North at the top.



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