

**Blended Learning Part II:
R2D2 on the Matrix: A Galaxy of Online Learning Style,
Motivational, and Learner-Centered Examples**

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**Nature AND Nurture:
Pedagogy**

Technology
Pedagogy
People,
Society, Culture,
etc.

Effects of interactive multimedia in distance learning
Giti Javidi and Ehsan Sheybani, 2004, In Proceedings of the IASTED International Conference WEB-BASED EDUCATION

"The advancement in technology is shaping every aspect of our life, including education. One decade ago, the Internet was not critical to education. However, now, it has become an integral part of learning process. Internet technology is having a dramatic effect on colleges and universities, producing what may be the most challenging period in the history of higher education."

Singapore and Taipei (Intel Press Release, 2006)

- Singapore, the island city-state in Southeast Asia, is about to complete a major new public/private project that will see large chunks of the 270 square mile city provided with Wi-Fi access by the end of 2008. The entire city, indoors and out, is due to be covered by 2015.
- In the coldest capital in Canada, the city residents of Iqaluit (pop. 6,000) enjoy free wireless from one free hotspot (with two more due soon to cover the suburbs), while Taipei, Taiwan (pop. 2.6 million) has a few more—over 4,000 hotspots that provide coverage for 90 percent of the city.

U.S. senator: It's time to ban Wikipedia in schools, libraries

By Preston Gralla on Wed, 02/14/2007 - 7:08pm

Here's the rawest from Sen. Ted Stevens, the man who described the Internet as a series of tubes: It's time for the federal government to ban access to Wikipedia, MySpace, and social networking sites from schools and libraries.

ABOUT THIS BLOGGER
Preston Gralla: Preston Gralla is a contributor to Computerworld, and the author of more than 100 articles on technology.

been hit by controversy after the disclosure that a prominent editor had assumed a false identity complete with fake PhD.

The editor, known as Essayj, had described himself as a professor of religion at a private university.

But he was in fact Ryan Jordan, 24, Kentucky who used texts such as C4 has now rebranded the site.

Wikipedia is an encyclopedia open t volunteers worldwide.

'Trust and tolerance'
Under the name Essayj, Mr Jordan at the authority to arbitrate disputes b

iPod's More Popular than Beer?

iPods knock over beer mugs

By Mike Under, USA TODAY

Students are not the only ones who are hooked on iPods. The biggest indicator comes from the fact that iPods are more popular than beer.

Of course, this is not to say that beer is unpopular. It's just that iPods are more popular than beer.

With about 1.5 billion iPods sold in the United States in 2006, it has been known for the right -- for the wrong, says the National Beer Wholesalers Association (NBWA).

TOP 5 IN BEER DRINKING COUNTRIES

Country	Per Capita Consumption (Liters)
Belgium	120
Denmark	115
France	110
Germany	105
United Kingdom	100

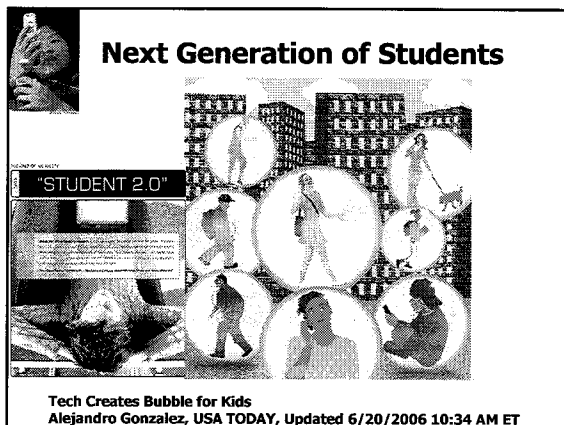
Source: World Health Organization, 2006

Social Networking Software

- Classmates: <http://www.classmates.com/>
- Facebook: <http://www.facebook.com/>
- Friendster: <http://www.friendster.com/>
- Friendzy: <http://www.friendzy.com/>
- MySpace: <http://www.myspace.com/>
- Orkut: <https://www.orkut.com/>
- Tribes: <http://www.tribe.net/>
- YouTube: <http://www.youtube.com/>

Monday April 30, 2007, USA Today Top 25 Things that Shaped the Internet

- 747 Million adults logged on in Jan, 2007
- 97 billion e-mails are sent each day
- Google had 500 million visitors in Dec, 2006
- USA: 1% broadband in 1998; 78% in 2007
- YouTube bought by Google for \$1.7 billion
- Adobe's Flash player on 98% of machines
- There are 75 million blogs!!!
- 19 million people play MMOG!
- 173 million personalized pages in MySpace



Next Generation of Students

"STUDENT 2.0"

Tech Creates Bubble for Kids
Alejandro Gonzalez, USA TODAY, Updated 6/20/2006 10:34 AM ET



INFORMATION TECHNOLOGY


E-Mail Is for Old People

Man sits at desk with laptop

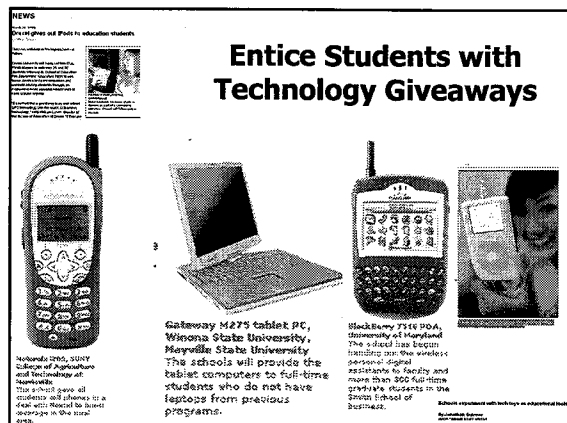
Yahoo News

Love me, love my blog," as Netorati couple-surf
BY SARA LEDWITH Thu Aug 3, 8:30 AM ET

- Nick Currie and his girlfriend Shizu Yuasa (R) surf the internet over breakfast in Tokyo in this handout photo. As the Internet evolves -- with its webcams, iPods, Instant Messaging, broadband, wi-fi and weblogs -- its image as a relationship-wrecker is changing. Now a sociable habit is emerging among the Netorati: couple-surfing. (Nick Currie/Handout/Reuters)
- "For my birthday, he upgraded my RAM and I thought it was incredibly romantic," writes Jess.



Entice Students with Technology Giveaways



Gateway M275 tablet PC, Winona State University, Mayville State University
The schools will provide the tablet computers to full-time students who do not have laptops from previous programs.

BlackBerry 7510 PDA, University of Maryland
The school has begun handing out the wireless personal-digital assistants to faculty and more than 300 full-time graduate students in the Smith School of Business.

Learning with iPods (Campus Technology, Dec, 2006)

Georgia College & State University, The Department of Music and Theatre, which had foreign language speakers come in to do recordings that are helping the school's chorus. Learners singing in Korean, Portuguese, and many other languages, "Now we can listen to the diction, and make sure that we're pronouncing everything correctly."



Podcast

Learning TRENDS by Elliott Masie - September 18, 2006.
#402 - Updates on Learning, Business & Technology.
52,889 Readers - <http://www.masie.com> - The MASIE Center.

Fingertip Knowledge Podcast & Transcript:
One of my focus points these days is Fingertip Knowledge. You and I and most of our colleagues are increasingly using search engines, from Google to Corporate Intranets, to "walk" our way to the information or knowledge that we need.

Podcast (and Transcript) about the implications of Fingertip Knowledge and the Learning Field:

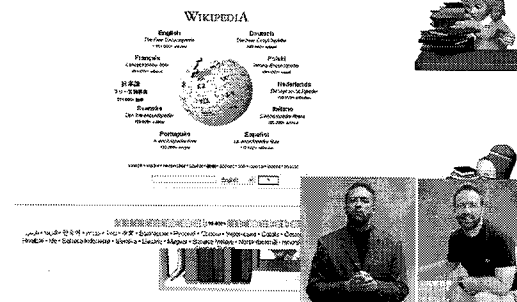
- <http://www.learning2006.com/university/>
(Duration: 20 Minutes)

Podcast Questions

1. Who has listened to a podcast?
2. Who listens to a certain podcast on a regular basis?
3. Who has created a podcast?
4. Who has created a vodcast?
5. Who thinks podcasting is simply more talking heads?



Wikis



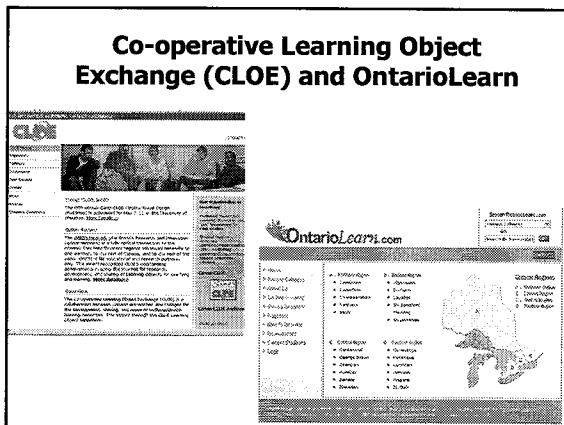
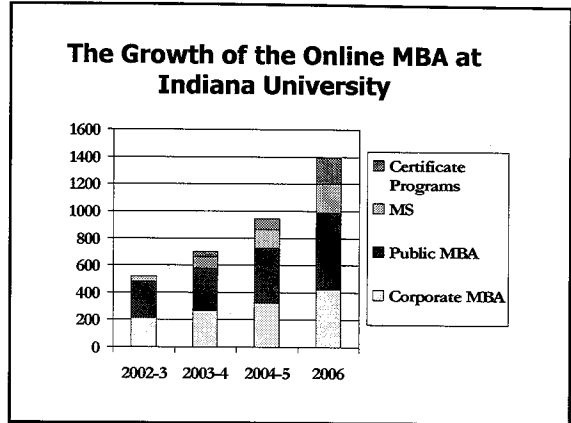
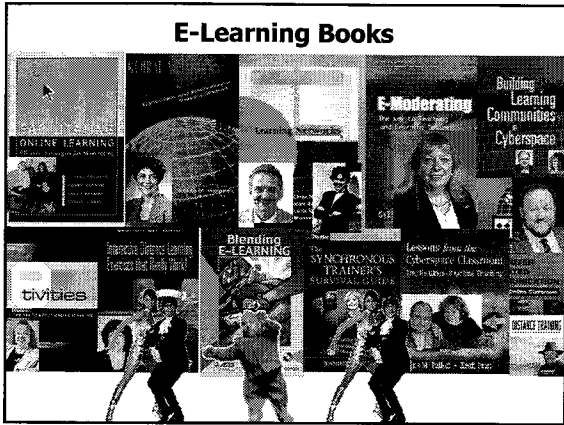
Wiki Questions

1. Who regularly reads Wikipedia articles just for fun?
2. Who regularly reads Wikibooks?
3. Who seeks Wikipedia for content?
4. Who has edited or written new articles on Wikipedia or Wikibooks?
5. Who thinks it is ok for college students to cite from Wikipedia?

Instructor Technology Myths

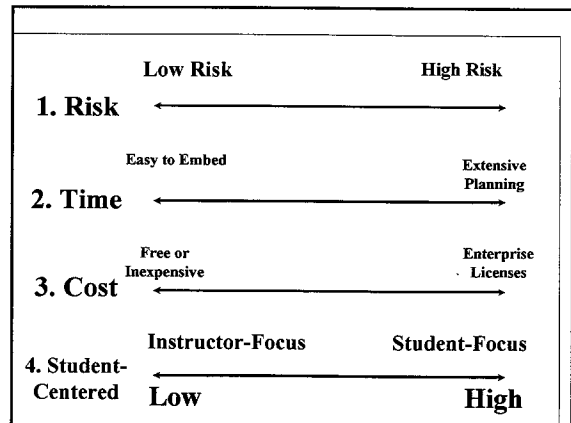
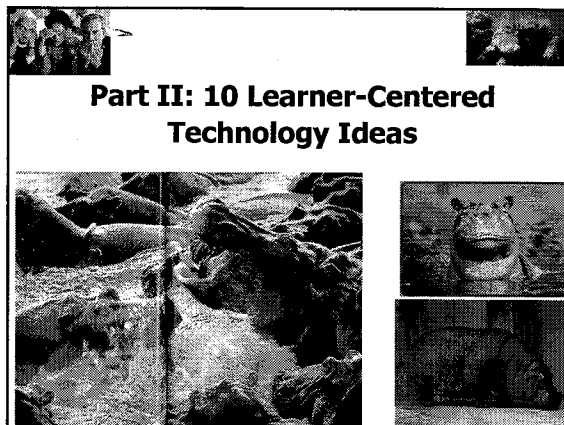
1. Tech savvy instructors are young & loyal.
2. Can teach the same way.
3. Instructors will not share
4. Tech savvy instructors will use latest technology.
5. Nothing new here.
6. Technology does not improve learning.
7. Can't afford tech.
8. Must be a techie.





Let's Think Outside the Box!

(For 99 Seconds—what technologies that you might not think about using for learning, might students today prefer to use?)





Task

Experiences. The Difference.

- Ideas definitely Can Use (Circle or write down)
- Ideas you might use (check off or write down in a separate column)
- Ideas you cannot use (cross off or put at the bottom)

Learner-Centered and Active Learning Principles



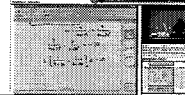
1. Authentic/Raw Data
2. Student Autonomy/Inquiry
3. Make Relevant/Meaningful/Interests
4. Link to and Build on Prior Knowledge
5. Provide Choice and Challenge
6. Act as a Facilitator and Co-Learner
7. Foster Social Interaction and Dialogue
8. Embed Problem-Based and Student Generated Learning and Inquiry
9. Encourage Multiple Viewpoints and Perspectives
10. Foster Collab, Negotiation, & Reflection

1. Anchored Instruction (find anchoring event (CTGV, 1990?))

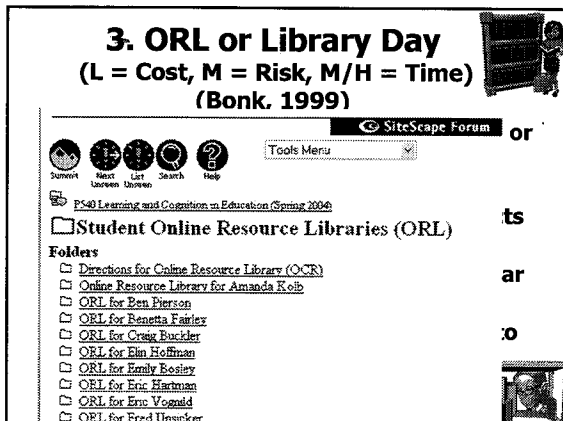


2. Cool Resource Provider (Bonk, 2004) Capture and Videostream Lectures (e.g., Apreso CourseCaster)

- Have students sign up to be a cool resource provider once during the semester.
- Have them find additional paper, people, electronic resources, etc.
- Share and explain what found with class via synchronous meeting or asynchronous discussion post.



3. ORL or Library Day (L = Cost, M = Risk, M/H = Time) (Bonk, 1999)

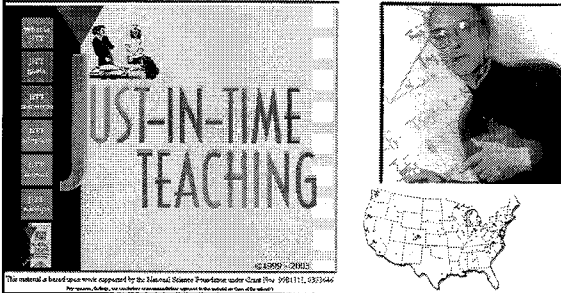


4. 99 Second Quotes (L = Cost, M = Risk, M = Time)

- Everyone brings in a quote that they like from the readings
- You get 99 seconds to share it and explain why you choose it in a sync chat or videoconference
- Options
 - Discussion wrapped around each quote
 - Small group linkages—force small groups to link quotes and present them
 - Debate value of each quote in an online forum

5: Online Warm-ups Activities Just-In-Time-Teaching (JiTT)

<http://webphysics.iupui.edu/jitt/jitt.html>



6. One minute papers or muddiest point papers (L = Cost, M = Risk, M = Time)

- Have students write for 3-5 minutes what was the most difficult concept from a class, presentation, or chapter. What could the instructor clarify better.
- Send to the instructor via email or online forum.
- Optional: Share with a peer before sharing with instructor or a class.



7. Jigsaw

(L = Cost, M = Risk, H = Time)

- Form home or base groups of 4-6 students.
- Student move to expert groups—discussion ideas in a chat.
- Share knowledge in expert groups and help each other master the material in an online forum.
- Come back to base group to share or teach teammates.
- Students present in group what learned.



8. Six Hats (Role Play):

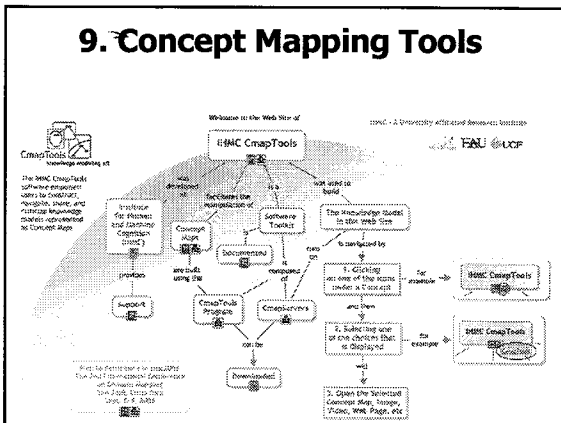
(from De Bono, 1985; adopted for online learning by Karen Belfer, 2001, Ed Media) (L = Cost, M = Risk, M = Time)

- White Hat: Data, facts, figures, info (neutral)
- Red Hat: Feelings, emotions, intuition, rage...
- Yellow Hat: Positive, sunshine, optimistic
- Black Hat: Logical, negative, judgmental, gloomy
- Green Hat: New ideas, creativity, growth
- Blue Hat: Controls thinking process & organization

Note: technique was used in a business info systems class where discussion got too predictable!



9. Concept Mapping Tools



10. Exploration and Demonstration: Virtual Fieldtrip, Tours, Timelines

