

E-Learning: It's about Nature (technology) AND Nurture (pedagogy)

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Nature and Nurture: An Interactional Model

Poll #1:
 Raise your hands if you are a digital native (grew up with a computer at home).

Next Generation of Students

Tech creates a bubble for kids

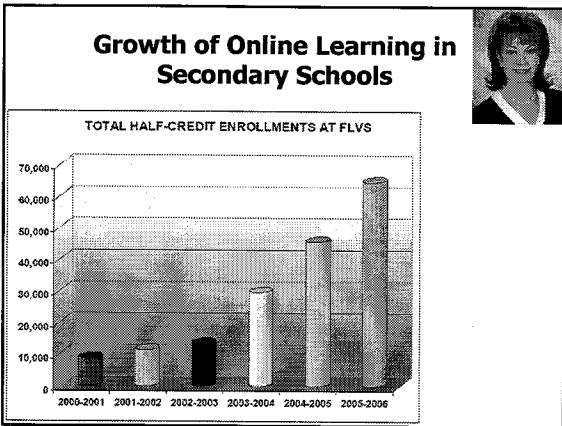
Alejandro Gonzalez, USA TODAY, Updated 6/20/2006 10:34 AM ET

A Different Generation??? Multitasking... "YOUNG AND WIRED," Katherine Seligman, San Fran Chronicle, Sunday, May 14, 2006

Gloria Kwan listens to her iPod while text messaging a friend who's in class.
 Chronicle photo by Mike Kepka

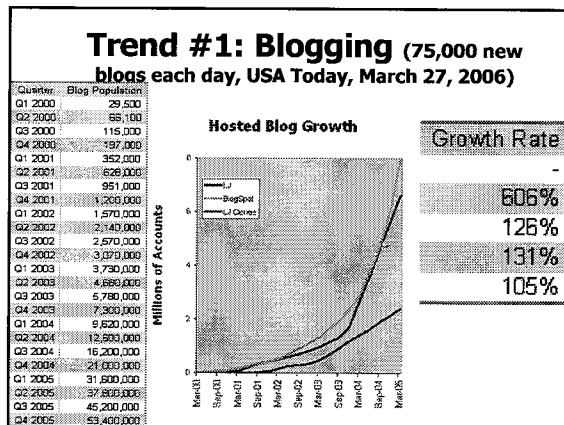
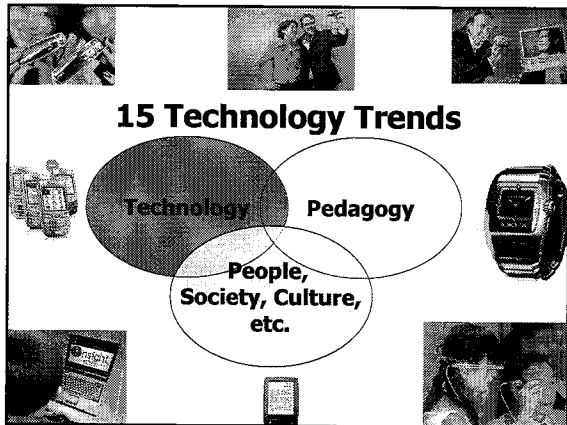
INFORMATION TECHNOLOGY

"E-Mail is for Old People"



A. Enabling Blend National University Department of Teacher Education (Reynolds & Greiner, 2006)

- **12,000 Enrolled Students**
- **Since 2004 More than 50% of Candidates Enrolling as Online rather than On-site**
 - They will take a majority of classes online
- **Each Candidate Takes 7 Credential Classes**
- **Each Class Contains 2 Field-based Exp.**
- **500 Classes/Yr. & 20 Students/Class =**
- **20,000 Field-based Experiences/Year**



- ### Blogging Questions
1. **Who has a blog? Any for a specific class?**
 2. **Who regularly reads other people's blogs?**
 3. **Who assigns blogging tasks?**
 4. **Who has created a video blog?**
 5. **Who thinks it is an utter waste of time to blog?**

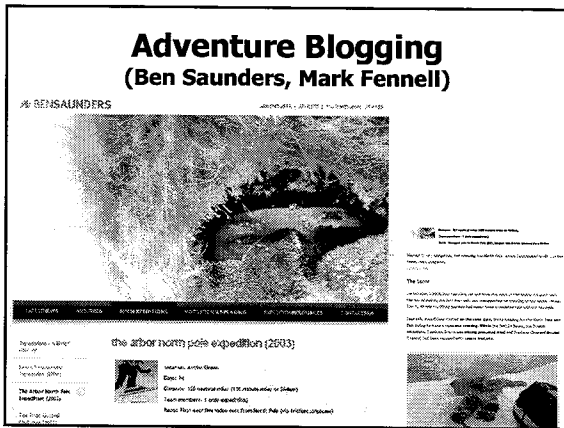
EDTECH K-12

FOCUS ON Education

Students, officials locking horns over blogs

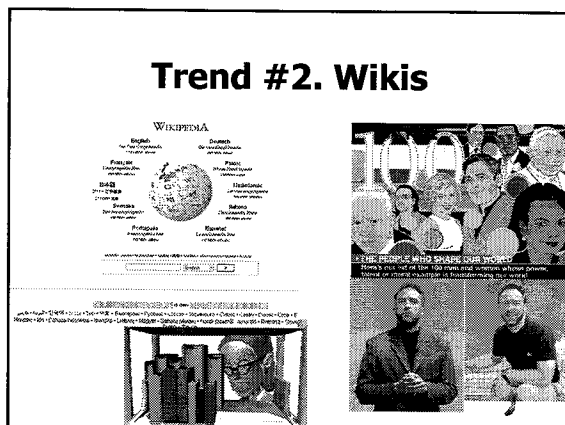
Wholes posted from home brings punishment at school

With a computer in her home, a 12-year-old girl has found a way to connect with her friends and family. She has started a blog, a place where she can share her thoughts and experiences. However, her school officials are not so supportive. They argue that the blog is a distraction and that it could be used to spread rumors or other harmful information. The girl's parents are caught in the middle, trying to balance their daughter's desire for online communication with the school's concerns. This is just one of many stories where technology is changing the way we live and learn, but also creating new challenges for schools and families.



Use of Weblogs (especially English writing class)

1. **Instructor or Tutor blog:** resources, information, space to chat
2. **Learner blog:** reflections, sharing links and pics, fosters ownership of learning
3. **Partner blog:** work on team projects or activities
4. **Class blog:** international exchanges, projects, PBL
5. **Revision:** review and explode sentences from previous posts, add details
6. **Nutshell:** summarize themes or comments across blogs
7. **Blog on blog:** reflections on feelings, confusions, and experiences with blogs



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?

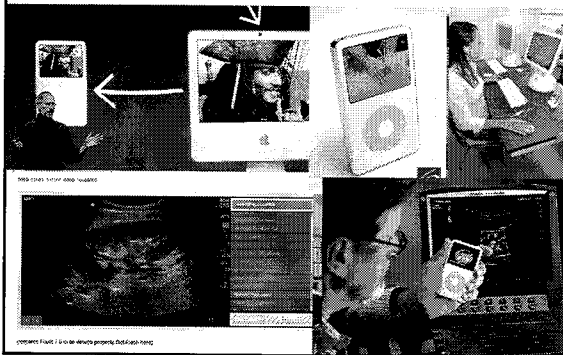
How use in teaching

1. Provide space for free writing
2. Debate course topics and readings
3. Share resources (websites, conferences, writing, etc.)
4. Maintain group progress journal
5. Require group or class essay
6. Have student revise Wikipedia pages
7. Write a wikibook

For Teachers New to Wikis

- Wikis are free, online writing spaces.
- Wikis use simple formatting rules, so no HTML understanding required.
- Highly collaborative composing and creativity
- Authors do not claim ownership
- Published online
- Wikis provide a history and anyone can revisit prior versions of text

Trend #3. Podcasting, Webcasting, and Coursecasting (Adam Curry; www.dailysourcecode.com)



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?



Student Podcast

"Just the word 'podcast' scares a lot of teachers away," Ms. Schrock said. "There are a lot of misconceptions."

"All you need is a computer, access to the Internet and a microphone that you can buy at Toys 'R' Us," Mr. Warlick said. "I listen to podcasts on my computer." (NY Times, Jan 25, 2006)

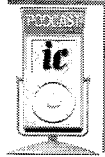


Language Learning (ChinesePod—learn Mandarin)

Educational Applications

(Essex, 2006; Leftwich, 2007)

1. Recordings of lectures, speeches
2. Supplemental textbook or entire book
3. Student projects
4. Virtual interviews
5. Language lessons
6. School announcements
7. Oral reports
8. K-12 classroom interactions
9. Downloadable library of resources
10. Recordings of performances



Trend #4. \$100 Laptop

Sci-Tech Features

A revolution in a laptop
By Greg Norman

It's only 21 August 2006, but the news is already making waves. The \$100 laptop, a quarter of a century on the legacy of the PC is ubiquitous.

Chances are you've seen it.

INFOGRAPHIC: THE \$100 LAPTOP

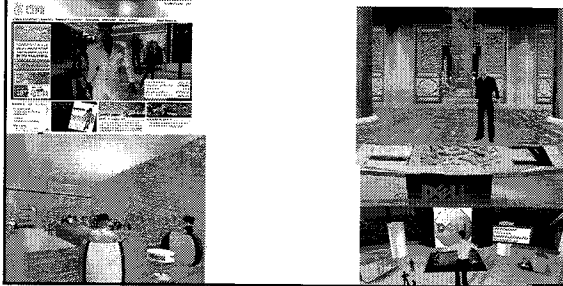
The project aims to build peer-to-peer communications

CM1: Taking technology to the developing world
A revolution in a laptop
By Greg Norman
Sunday 13 August 2006, 18:49
Makka Time, 15:49 GMT

Negroponce says the new laptop is designed to be kid-friendly

OLPC aims to turn the tide of urban poverty

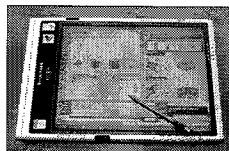
Trend #5: Virtual Worlds/Virtual Reality/MMOG
First Course in a Virtual World (Second Life)
 Wednesday, August 30, 2006
 Harvard Law School (Charles & Rebecca Nesson)
 Chronicle of Higher Ed (open to the public)
<http://chronicle.com/daily/2006/08/2006083001t.htm>



Trend #6. Skype and Google Talk: Online Phone Calls

Trend #7. Digital Books
 By Kim Rahn, March 7, 2007, Digital Textbook to Debut Next Year, The Korea Times

- Students will be able to interact with teachers regardless of time and space and study according to their ability through computers as the nation plans to adopt the digital textbook.
- provides the multi-functionality of textbook, workbook, exercise book and dictionary....such features as video clips, animation and virtual reality.



Trend #8. OpenSource Tools

Welcome to Moodle!

Moodle is a course management system (CMS) - a free, Open Source package designed using sound teaching principles, to help educators effectively manage learning experiences. You can download and use it on your computer, or have Moodle installed on a server. This site is for Moodle users. To check out the Moodle Development Center or read the Moodle Community page, click on the links below.

Moodle Community

Moodle has a large and diverse user community with over 100,000 registered users. The site offers a wide range of Moodle-related content. Moodle-related discussions are held in English, but we have a variety of discussion other topics and in other languages.

Moodle Development

There is a large list of developers who contribute towards the Moodle. Don't miss our developer information as well as our mailing lists and the guide to access our source code. Most discussion can be found on the Moodle Development Center. You can also get Moodle-related software requests, plus and other issues. Moodle activity problems is posted to the Moodle security list, so we can deal with them quickly.

Moodle Statistics

Moodle sites

Registered sites: 25617
 Courses: 528035
 Users: 620611
 Teachers: 146878
 Enrolments: 1835911
 Forum Posts: 1823772

