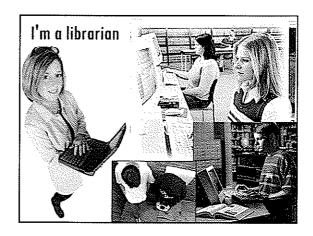




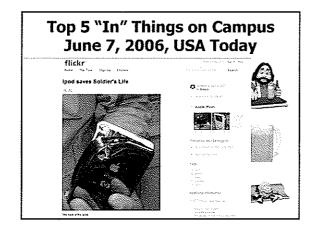
Storm 1. Emerging **Learning Technologies**

- **Biogs and Online**
- OpenCourseWare and Open Educational Resources
- 4. Electronic Books
- 5. Online Communities and Learning Portals
- 6. Intelligent Agents
- 7. Wikis and Wikibooks
- Online Games and Simulations (Massive Multiplayer Gaming)
- Assistive Technologies 9. Shared Online Video (YouTube, TeacherTube)
 - 10. Peer-to-Peer Collaboration
 - 11. Reusable Content Objects
 - 12. Videostreaming, IP Videoconferencing
 - 13. Virtual Worlds/Reality
 - 14. Wearable Computing
 - 15. Wireless Tech: Tablet PCs, Handheld Devices
 - 16. Digital Portfolios

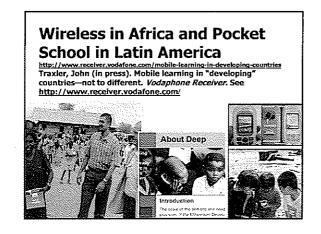


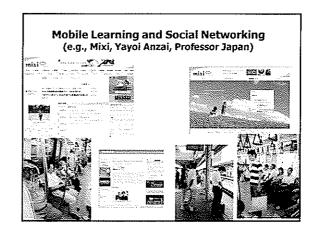


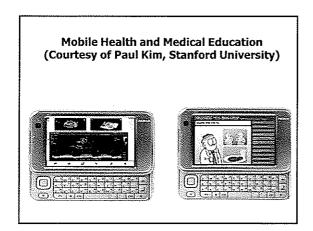


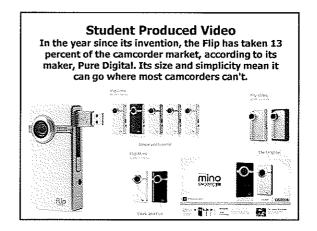


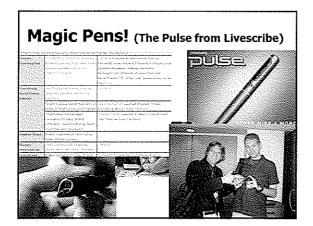


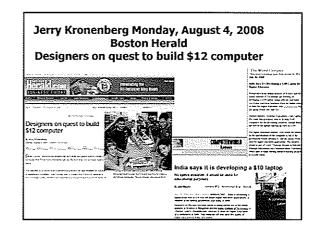


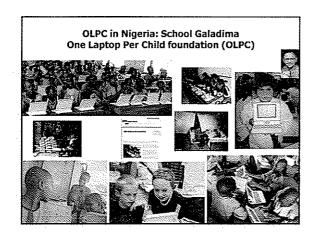


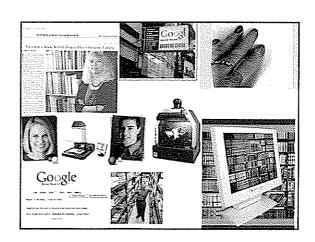


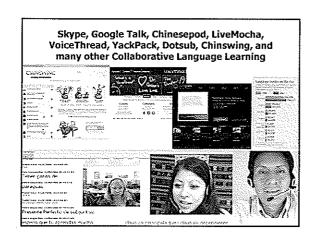


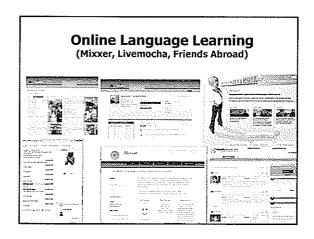




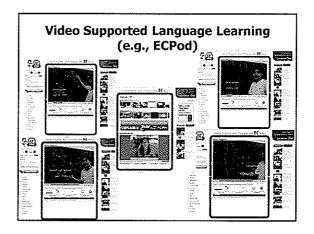


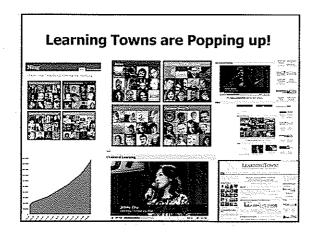


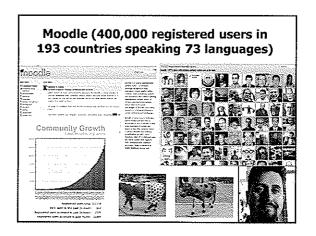




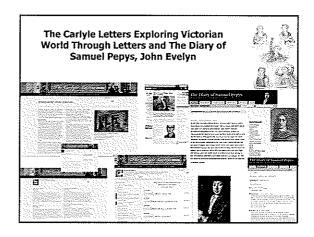


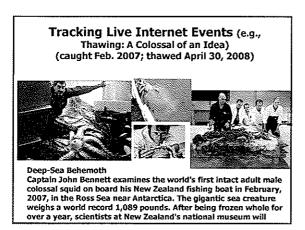


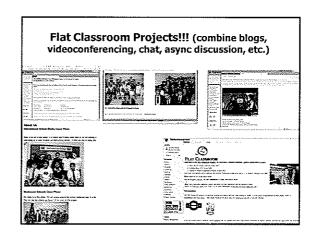


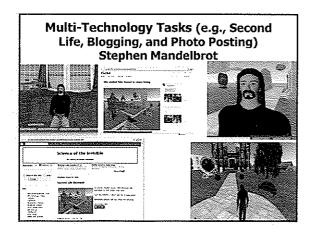












Yahoo News
Love me, love my blog," as Netorati couple-surf
BY SARA LEDWITH Thu Aug 3, 8:30 AM ET

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.

Bonk's Addiction Q'er

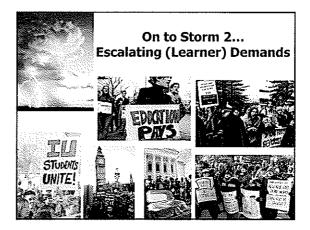
- 1. Who has 2 or more cell phones with Internet access?
- 2. Who has 2 or more laptop computers with wireless connections?
- 3. Who is on email in the morning? At noon? Who does it at night?
- 4. Who suffers from nervous tension when you cannot get on email?
- 5. Who is on the Web right now?

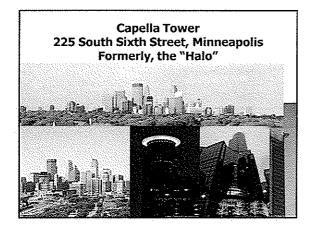
What can we say about emerging technology then???

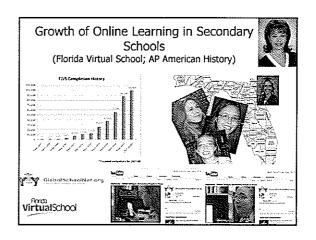
- It is everywhere!!!!!!!
- Resistance is futile!!!!!!!













Total and Online Enrollment in Postsecondary Institutions Fall 2002 through Fall 2006 Set Project Carterio Institution Fall 2002 16.611710 NA 1.002,970 NA 9.7% Jean 2003 10.000479 1.7% 1.041,394 2005 11.7% Fall 2004 17.276-36 2.2% 2.32-783 16.2% 13.5% Fall 2005 17.428 600 0.6% 3.160,050 36.5% 18.2% Fall 2006 17.647 720 1.3% 3.483.381 9.7% 19.6%

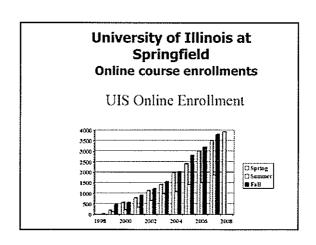
SCINCE: Order Matter Five Years of Growth in Orders Learning (Databar 2007)

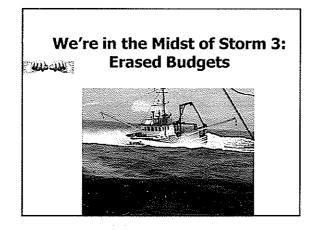
Sara Cordell, professor of English at the University of Illinois-Springfield, says she feels online students become better writers because they get so much practice. NPR Special, Nov 29, 2007, Larry Abramson. (67% of US Colleges and universities offer online courses; 35% offer fully online programs.)



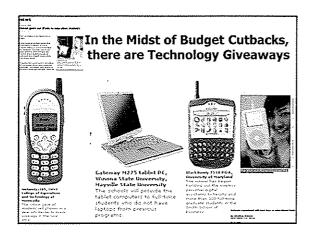
'Distance learning' gets its close-up By G. Jeffrey MacDonald, Special for USA TODAY November 2007

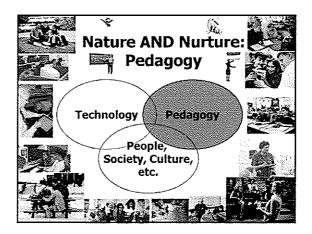
 More than two-thirds of all U.S. colleges and universities offer online courses, and 35% of schools offer programs that are entirely online, according to the Sloan survey, and 20% of the USA's 17 million college students say they have taken at least one course online.



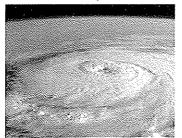






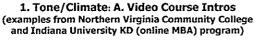


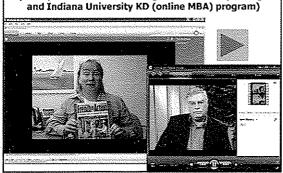
On to Storm 4: Enhanced Teaching (and Excellent Retention) (a swirling storm)



TEC-VARIETY Model for Online Motivation and Retention

- Tone/Climate: Psych Safety, Comfort, Belonging
 Encouragement, Feedback: Responsive, Supports
- 3. Curiosity: Fun, Fantasy, Control
- 4. Variety: Novelty, Intrigue, Unknowns
- 5. Autonomy: Choice: Flexibility, Opportunities
- 6. Relevance: Meaningful, Authentic, Interesting
- Interactive: Collaborative, Team-Based, Community
- 8. Engagement: Effort, Involvement, Excitement
- 9. Tension: Challenge, Dissonance, Controversy
- 10. Yields Products: Goal Driven, Products, Success, Ownership





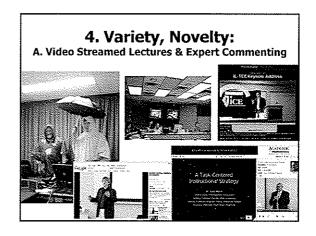
2. Encouragement, Feedback, etc.: A. Instructor Presentation in Synchronous Sessions (Breeze, Elluminate, WebEx, etc.)

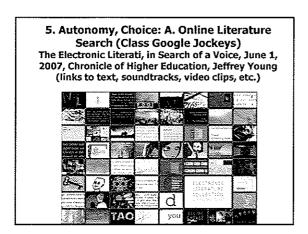




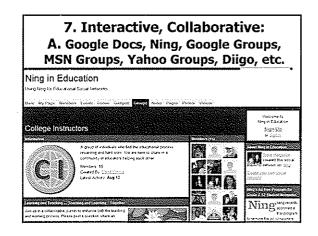


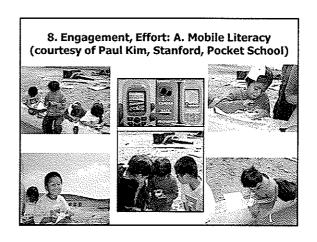


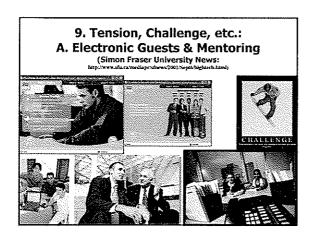






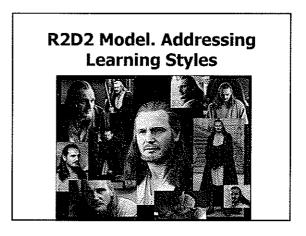


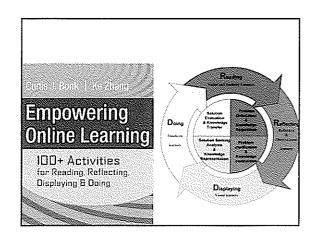


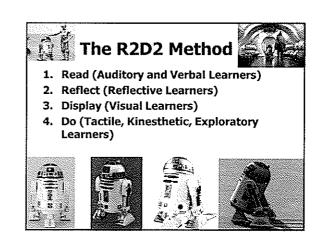


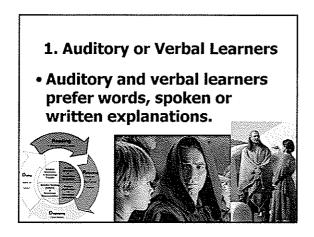


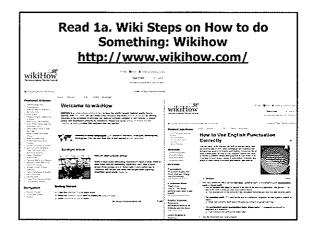




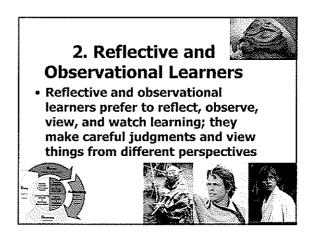


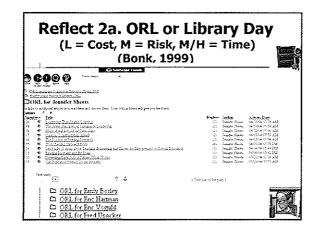












	Reflect 2b. Pa	ired Weblog	Critiques
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Reflect 2c. Partner & Team Blogs (especially English writing class)

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

3. Visual Learners

 Visual learners prefer diagrams, flowcharts, timelines, pictures, films, and demonstrations.



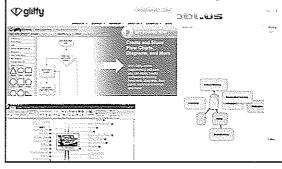


Display 3a. Pubcasts! (videos of scientific papers and science)

NSF, the Public Library of Science, and the San Diego Supercomputing Center created a YouTube for scientists to help demystify important research papers. See SciVee http://www.scivee.tv/



Display 3b. Concept Mapping Tools (VUE, Bubbl.us, Cmap, Freemind, Gliffy, Mindmeister, or Mindomo)



Display 3c. Anchored Instruction (find anchoring event (YouTube, CNN, BBC, TeacherTube, CurrentTV)

- · In a synchronous lecture interrupt it with a summary video (could be a movie clip) explaining a key principle or concept.
- · Refer back to that video during lecture.
- · Debrief on effectiveness of it.



Display 3d. Vlogging (Video Blogging) e.g., Andy Calvin's Waste of Bandwidth Michael L. Wesch, Kansas State, The Machine is Using Us



