Do You Share?

1. Who has shared music in an iPod or MP3?
2. Who has used collaboration software? (Google Groups, Yahoo Groups, Sharepoint)
3. Who has used online phone services such as Skype or Google Talk?
4. Who has been on an online team or group?
5. Who is in a school which uses international exchanges or expert guests?
6. Who has used Curriki, MERLOT, Connexions, or the MIT open courses?
7. Who has used Wikipedia or YouTube?

Plato’s academy: 387 BC - 529 AD
Conference to Conference
(You Ustreamed my Ustream:
Now that’s a Twitter of an Idea)

Charles Wedemeyer
Learning at the Back Door (1981)
Nontraditional Learning

The Ten Forces that
Flattened the World
Triple Convergence: (1) new economic
players, (2) playing fields, and (3) processes.
1. 11/9/89: Berlin Wall came down
2. 8/9/95: Netscape went public
3. Work Flow Software (e.g., PayPal and eBay)
4. Open-Sourcing (Self organ collab communities;
Mozilla, Apache, Wikipedia, Linux, Mozilla)
5. Outsourcing (Y2K)
6. Offshoring (e.g., China, Mexico, Thailand)
7. Supply-Chaining (e.g., Walmart)
8. Insourcing (UPS fixing Toshiba laptops)
9. In-forming (e.g., Google, Yahoo!, HSN Web Search)
10. The Steroids: Digital, Mobile, Personal, and Virtual
(wireless, file sharing, VoIP, video camera in phone)

WE-ALL-LEARN:
Ten Forces that Opened the Learning World
- Web Searching in the World of e-Books (i.e., Darwin)
- E-Learning and Blended Learning
- Availability of Open Source and Free Software (e.g.,
Moodle)
- Leveraged Resources and OpenCourseWare (e.g., MIT)
- Learning Object Repositories and Portals (i.e., shared
content)
- Learner Participation in Open Info Communities (YouTube)
- Electronic Collaboration and Interaction (sync and async)
- Alternate Reality Learning (Online Massive Gaming,
Simulations, and Virtual Worlds; e.g., Second Life)
- Real-Time Mobility and Portability (e.g., iPhone)
- Networks of Personalized Learning (Blogs, RSS)
Audience Participation!

1. WE
2. ALL
3. LEARN!!!

Triple Learning Technology
Convergence of
"WE-ALL-LEARN"

2. Pages: The availability of free educational content and resources (OER—Open Educational Resources).
3. Participatory Learning Culture: A move towards a culture of open access to information, international collaboration, and global sharing.

What if our minds were on fire for learning?

A Critical Knowledge Building and Sharing Context

MINDS ON FIRE


Opener #1. Web Searching (e.g., Google, MSN, Yahoo!) in the World of e-Books (i.e., Darwin, Shakespeare, etc.)

Trend #1. Web Searching in the World of e-Books. What happens then?

WE
ALL
LEARN!!!

Scientists develop fastest computer
June 9, 2008
By H. JOSEF HEBERT, Associated Press Writer

- To put the computer's speed in perspective, it has roughly the computing power of 100,000 of today's most powerful laptops stacked 1.5 miles high, according to IBM. Or, if each of the world's 6 billion people worked on hand-held computers for 24 hours a day, it would take them 46 years to do what the Roadrunner computer can do in a single day.
Home Broadband 2008: Adoption Stalls for low-income Americans even as many broadband users opt for premium services that give them more speed (Pew Internet & American Life Project, 2008, July 2008)

Next, we need new ways to search for that info in those pipes!

Terabyte thumb Drives and Magic Pens! (The Pulse from LivescrIBE)
Second, we need new ways to record info: Smartpens: “Never Miss a Word”

Need new ways of representing & accessing info (e.g., Google is working on Timeline and Map Views)

New ways to read information (e.g., Thinner, Crisper, and Cheaper eBooks; Kindle = $400-500)
Self-Publishing (print-on-demand) BookSurge (owned by Amazon), Lulu

Shapiro Library book machine prints books within minutes

Read, Listen, etc. to online books (e.g., "An International Episode" by Henry James)

Global Text Project (free textbooks for those in less developed countries) http://globaltext.org/

Brand New E-Book and Print book
Opening Up Education
New Edited Book from MXT (free PDF, sample chapters, and hardcopy) http://mesnews.mtu.edu/cmatn/item/02-001-000-00-002

New Forms of Digital Literacy (new tests from ETS)
Opener #2. E-Learning and Blended Learning

Trend #2. E-Learning and Blended Learning.
What happens then?

WE ALL LEARN!!

Keeping Pace with K-12 Online Learning
A Review of State-Level Policy and Practice

Illinois Virtual High School (per Matthew Wicks, October 2008)

Indiana University High School
4,000 students and 1,400 enrolled in diploma programs (interest from China, India, and Nigeria as well as military and adults who never completed a high school degree)
(per Bruce Colston, Director of IUHS, Oct 2008)
"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.
Capella Tower
225 South Sixth Street, Minneapolis
Formerly, the "Halo"

Opener #3. Availability of Open Source and Free Software (e.g., Linux, Apache, Moodle, Sakai)

Trend #3. Availability of Open Source and Free Software. What happens then?
WE ALL LEARN!!!
Opener #4. Leveraged Resources and OpenCourseWare (OCW) (e.g., free courses from MIT, Utah State, CORE, OOPS)

Trend #4. Leveraged Resources and OpenCourseWare. What happens then?

WE ALL LEARN!!!

Cape Town Open Education Declaration
December 2007
http://www.capetowndeclaration.org/

Sample OpenCourseWare Projects

Indian Institutes of Technology (IIT)
Opensource Opencourseware Prototype System (OOPS) funded by the Foundation of Fantasy, Lucifer Chu, Chairman and Janitor of OOPS, Taipei

Post Courses in YouTube and iTunes (e.g., Berkeley)

National Repository for Online Courses (NROC) Commons

Opener #5. Online Learning Object Repositories and Portals (shared content)

Trend #5. Learning Object Repositories and Portals. What happens then?

WE ALL LEARN!!!

Tracking Live Internet Thawing: A Colossal of an Idea

Deep-Sea Behemoth
Captain John Bennett examines the world's first intact adult male colossal squid on board his New Zealand fishing boat in February, 2007, in the Ross Sea near Antarctica. The gigantic sea creature weighs a world record 1,089 pounds. After being frozen whole for over a year, scientists at New Zealand's national museum will thaw the squid for further study.
What if the World was Beyond our World?
NASA's Hubble Space: Google Sky
http://earth.google.com/sky/index.html

The Complete Works of Charles Darwin

Reflection on Online Contents: The Carlyle Letters Exploring Victorian World Through Letters and The Diary of Samuel Pepys, John Evelyn (Great Plague, Great Fire, Charles Dickens, Erasmus Darwin (grandfather of Charles Darwin), Mary Wollstonecraft Shelley, Robert Browning, John Stuart Mill, Ralph Waldo Emerson, Elizabeth Barrett Browning, and Alfred Tennyson)

From left, three views of a fragment of one of the Dead Sea Scrolls: a plain digital image, a color scan and an infrared scan. August 27, 2008, Israel to Display the Dead Sea Scrolls on the Internet, By ETHAN BRONNER
The New York Times

Free Government Resources!

Yahoo! Teachers
Online Referenceware

Ontario Educational Resource Bank

Referatory: MERLOT.org
(62,000 members, 20,000 learning materials)

Repository: Connexions (6,000+ modules, Rice Univ) & Curriki (K-12, Sun Micro)

Half-Way...Brief Intermission
Please Share Best Idea so far with neighbor

Opener #6. Learner Participation in Open Information Communities
(e.g., Slashdot, Digg, Wikipedia, YouTube)
Trend #6. Learner Participation on Open Information Communities. What happens then?

WE ALL LEARN!!!

Skype, Google Talk, ChinesePod, LiveMocha, VoiceThread, YackPack, Dotsub, Chingswing, and many other Collaborative Language Learning Portals in Florida and many other places around the world.

But now there is TeacherTube!
World's Largest Online Book Club
LibraryThing (you can be a "thingamabrarian"
400,000 users and 26 million books)

Opener #7. Electronic Collaboration and Interaction
(synchronous & asynchronous)

What happens then?

WE
ALL
LEARN!!!

Posting Documents on Web
Scribd: http://www.scribd.com/; 21 million
unique visitors per month, May 2008

Club Penguin
(bought by Disney for $700 million in 2007)
1kg More Project for Rural China
(http://www.1kg.org/)

Twinbooks:
http://www.twinbooks.cn/

EPals has for-profit and nonprofit arms.
Condace Pauchnick, standing, uses its tools in her class.
BY STEVE LOUTH
Published: February 24, 2008
New York Times

Room to Read
http://www.roomtorad.org/programs/schools.html

Opener #8. Alternate
Reality Learning (Online
Massive Gaming,
Simulations, and Virtual
Worlds; e.g., Second Life)
What happens then?
WE
ALL
LEARN!!!

Opener #9. Real-Time Mobility and Portability
(e.g., iPhone, low cost wireless devices)

Trend #9. Real-Time Mobility and Portability.
What happens then?
WE
ALL
LEARN!!!

Wireless in Africa and Pocket School in Latin America (Paul Kim, 2008)

The Age of Wireless

MOST UNWIREd
SCHOOLs?
CMIT and U.S. News
and World Report get
the top 50 colleges
and universities, and
time which considers
everything to students and faculty.
What happens then?

WE
ALL
LEARN!!!
Facebook’s Mark Zuckerberg, at his office in Palo Alto, Calif., is in no hurry to sell the popular social networking site. (23 years old)

Facebook could be worth as much as $6 billion today, says analyst Robert Peck. He expects privately held Facebook to post a profit of about $30 million on revenue of $146 million this year, and register a $70 million profit on revenue of $356 million in 2008. He predicts $6 billion in revenue by 2014.

Music recording artist John Oates of the band Hall & Oates breaks down his technique on the ’70s hit “She’s Gone” in his iVideosong entry. Music recording artist Graham Nash takes viewers through “Teach Your Children,” a song he wrote for Crosby, Stills, Nash & Young’s Deja Vu album in 1970.

One of Michelle Tanner’s deaf students at Gerald Wright Elementary holds an iPod and watches a video of her signing the week’s vocabulary words. The iPods were purchased with a grant from Qwest. Classrooms go high-tech. By Erin Stewart, Deseret Morning News, March 6, 2007.

TutorVista has 600 tutors in India and 10,000 subscribers in the United States, including Kenneth Tham in Arcadia, Calif.

Video Supported Language Learning (e.g., ECPod)
Podcast for Language Learning (ChinesePod—learn Mandarin)

Learning Towns are Popping up!

Final Sharing Questions
- For what purpose will people share?
- Who will continue to maintain or update such sites?
- Will online sharing become expected of all faculty members around the planet?
- How will copyright issues be addressed?
- What happens when one did not mean to share his or her course contents or ideas, or, at least, not as widely?
- How will such learning objects of today be viewed in 100 or 200 years?

Predictions
1. Five Billion "Have-Flots" have at it!
2. Emergence of Lifelong Super E-Mentors/Coaches
3. Quarter-Century Learning Clubs
4. Terabyte Learning Access Points
5. The Venation of Learning
6. Personalization+ Portfolios
7. The Selection of Global Learning Partners
8. The Shared Learning Era
9. Teaching-Learning Perpetuities
10. Teachers, Teachers
11. The Rise of the Super Blends
12. Self-Determined Humans
13. Free Learning Zones
14. Authentic Learning Assemblages
15. Alexandrian Aristocrats

The World is Open. What happens then? Now WE-ALL-LEARN with Web Technology

WE ALL LEARN!!!
Stop and Share: Top Three Things Learned!