



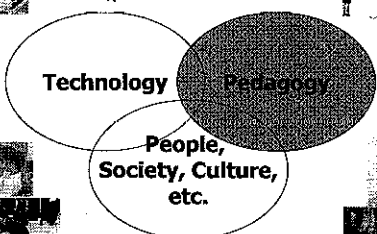
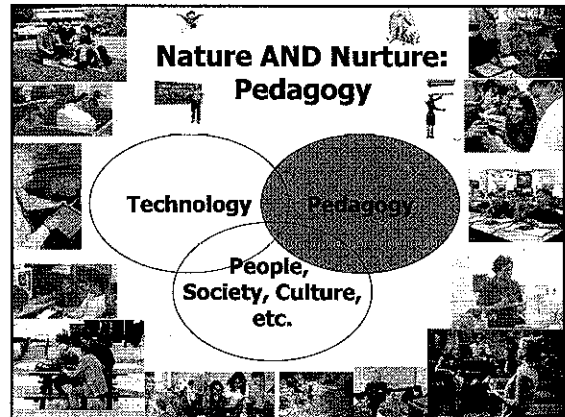
How the Learning World Became Flat: Ten Knowledge Sharing and Technology Trends Equalizing Access to Learning



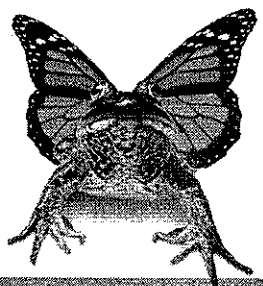
Curtis J. Bonk, Professor, Indiana University
President, SurveyShare
cjbonk@indiana.edu
<http://php.indiana.edu/~cjbonk>



Nature AND Nurture: Pedagogy

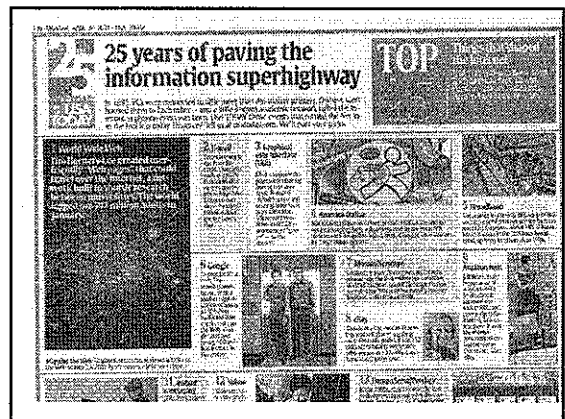



Nature and Nurture



25 years of paving the information superhighway

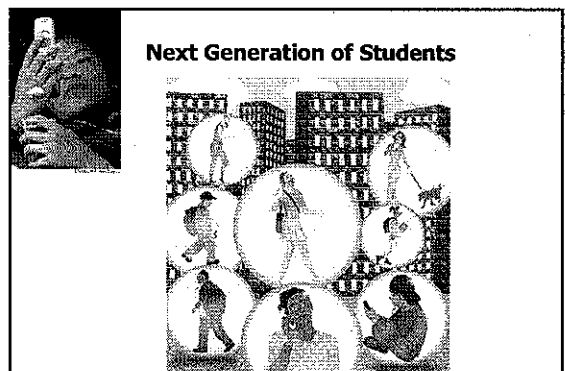
TOP



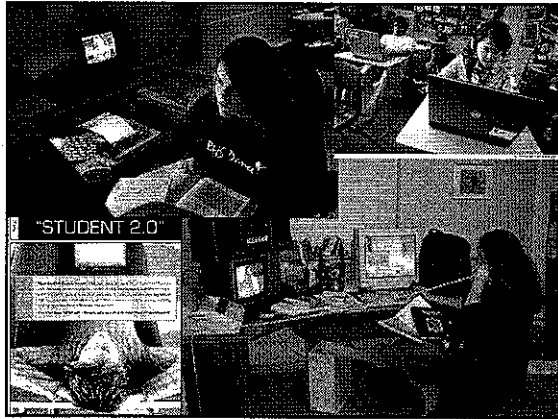
Monday April 30, 2007, USA Today Top 25 Things that Shaped the Internet

- 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

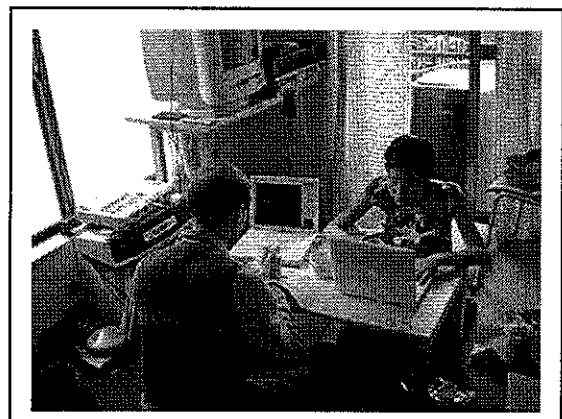


Tech Creates Bubble for Kids
Alejandro Gonzalez, USA TODAY, Updated 6/20/2006 10:34 AM ET



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.**



Are you addicted???

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."

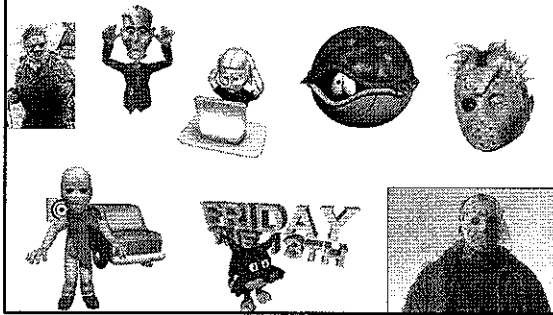
Do You Share?

1. Who has shared music in an iPod or MP3?
2. Who has used collab software? (Google Groups, Yahoo Groups, Sharepoint)
3. Who has used online phone services such as Skype or Google Talk?
4. Who has assigned teams online?
5. Who has embedded international exchanges or expert guests?
6. Who has used MERLOT, Connexions, or the MIT open courses?
7. Who has used Wikipedia?

Creative Commons

The image shows a screenshot of the Creative Commons website. On the left, there are icons for different license types: Attribution (CC BY), Non-Commercial (CC NC), and Share-Alike (CC SA). On the right, there is a section titled "Choose Your Sampling License Options" with several radio button options for different license combinations. The website is in a dark theme with white text.

Most are Scared to Share!!!



- Thomas Friedman, author of "The World is Flat":
- Tools for collaboration are changing the world
- <http://mitworld.mit.edu/video/266/>

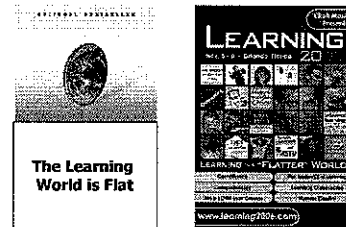
A collage of images including a portrait of Thomas Friedman, a book cover for "The World is Flat", a video player interface showing a presentation, and a photograph of a large audience in a lecture hall. The video player interface includes a play button, a progress bar, and a volume control icon.

The Ten Forces that Flattened the World

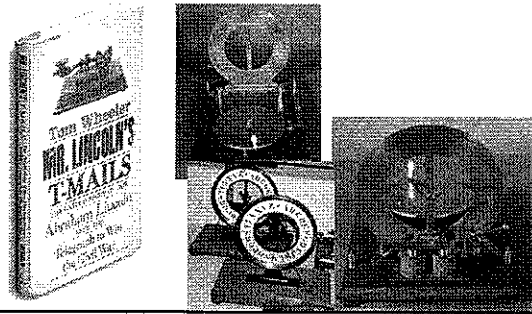
1. 11/9/89: Berlin Wall came down
2. 8/9/95: Netscape went public
3. Work Flow Software (e.g., PayPal and eBay)
4. Open-Sourcing (Self organizing collaborative communities; Mosaic, Apache, Wikipedia, Linux, Mozilla/Firefox,)
5. Outsourcing (Y2K)
6. Offshoring (e.g., China, Mexico, Thailand)
7. Supply-Chaining (e.g., Walmart)
8. Insourcing (UPS fixing Toshiba laptops)
9. In-forming (e.g., Google, Yahoo!, MSN Web Search)
10. The Steroids: Digital, Mobile, Personal, and Virtual (e.g., wireless, file sharing, VoIP, video camera in phone)



The Learning World has become Flat!



Telegraph: Flattening the world in 1860



Eighth-grade students Taylor Bernholtz, left, Amy Lostroh and Kelsey Cardiff check out a weblog discussion related to the Civil War historical-fiction book 'Guerrilla Season' At South Valley Junior High School in Liberty, Mo. (Blogging now begins young USA Today, By Ashley Bleimes, USA TODAY, November 15, 2006, 12D). http://www.usatoday.com/life/2006-11-14-blogs-education_x.htm

WE-ALL-LEARN:

Ten Forces that Opened the Learning World

- Web Searching in the World of e-Books (i.e., Darwin)
- Enormous 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)

Three Larger Trends of WE-ALL-LEARN

- The availability of tools and infrastructure for learning.
- The availability of free educational content and resources (OER—Open Educational Resources).
- A move towards a culture of open access to information, international collaboration, and global sharing.

The Ten Forces that Flattened the World


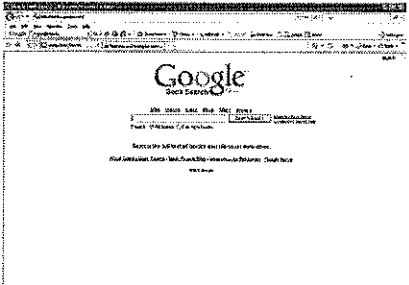
1. Web Searching (e.g., Google, MSN, Yahoo!) in the World of e-Books (i.e., Darwin, Shakespeare, etc.)



The Search is on!

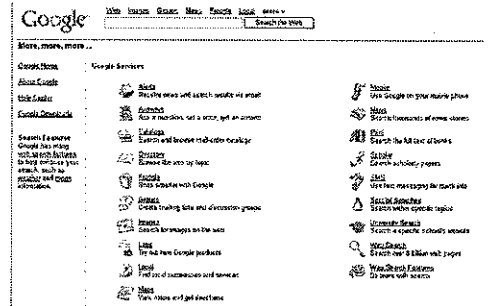


Google and Other Search Engines (Sergey Brin, Co-Founder)

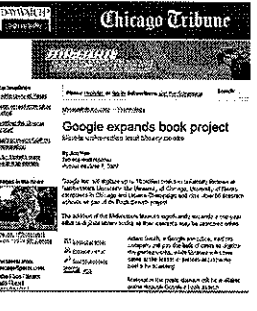
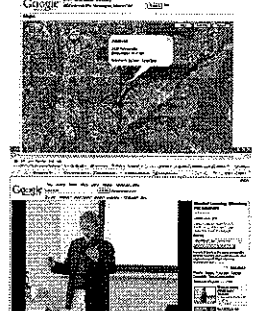
The screenshot shows the classic Google search interface with the search bar, the Google logo, and navigation links like 'About Google', 'How it works', and 'Privacy Policy'.

So Many Options in Google!



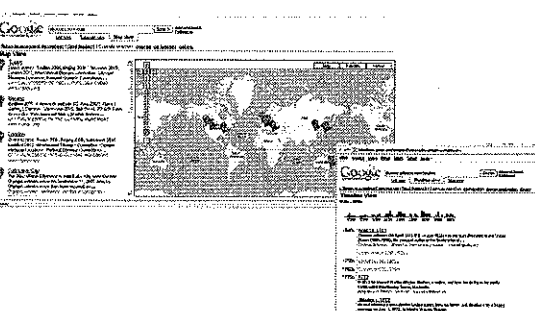
The screenshot displays the Google search results page, highlighting various services and features such as 'Google Books', 'Google Maps', 'Google Scholar', and 'Google News'.

Google Video, Maps, Books

This block contains two screenshots. The left one shows the Google Books interface with a newspaper article from the Chicago Tribune. The right one shows the Google Maps interface with a street view of a building.

Google Working on Timeline and Map Views

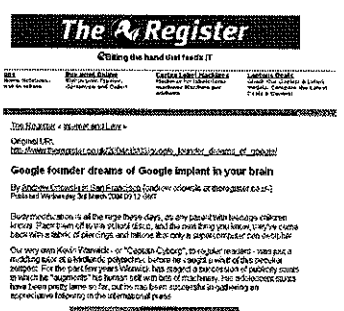


The screenshot shows the Google Maps interface with a timeline view overlaid on a map, illustrating the integration of historical data with geographical information.

Google to Impact Chip in Brain!

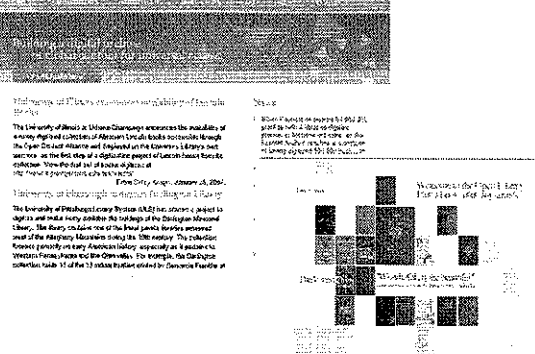
The Register

Changing the hand that feeds it



The screenshot shows a newspaper article from The Register with the headline 'Google to Impact Chip in Brain!'. The article discusses the potential of Google's technology to impact brain chips.

UPPER Circuit Alliance



The screenshot shows an article titled 'UPPER Circuit Alliance'. The article discusses the alliance between the University of Pittsburgh and the University of California, Berkeley, focusing on their joint efforts in the field of computer-aided design (CAD) and integrated circuit (IC) design.

Read, Listen, etc. to "An International Episode" by William James

All of Darwin's and Shakespeare's Works are Online

The Scanning Process is Not Perfect! (includes someone's fingers!)

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.
- The digital textbook...can go beyond conventional paper textbooks by using such features as video clips, animation and virtual reality.

eBooks: Thinner, Crisper, and Cheaper

6

Digital History Project

The screenshot shows a website interface for the Digital History Project. It features a large map of the United States with various locations marked. Below the map, there are sections for 'Contents of the Physics Area' and 'About the Books'. The website has a clean, professional layout with a dark header and footer.

New Forms of Digital Literacy (new tests from ETS)

The screenshot displays a digital literacy test interface. On the left, there is a line graph with data points. On the right, there is a video player showing a person speaking. The interface is designed to be user-friendly and interactive, with clear navigation elements.

The Ten Forces that Flattened the World

2. Enormous E-Learning and Blended Learning

The Learning World is Flat

The screenshot shows a presentation slide with a world map in the background. The slide is titled 'The Ten Forces that Flattened the World' and focuses on '2. Enormous E-Learning and Blended Learning'. The map highlights various regions and countries, illustrating the global impact of these forces.

Growth of Online Learning in Secondary Schools

The screenshot shows a news article from the Detroit Free Press. The headline is 'Growth of Online Learning in Secondary Schools'. The article discusses the increasing use of online courses and blended learning in secondary schools, highlighting the benefits and challenges of these educational models.

FLORIDA'S ONLINE BOOM

The screenshot shows a presentation slide titled 'FLORIDA'S ONLINE BOOM'. It features a bar chart showing the number of online registrations in Florida from 1997 to 2007. The chart shows a steady increase in registrations over the decade, with a significant jump in 2007.

Year	Registrations
97-98	77
98-99	271
99-00	655
00-01	2,677
01-02	6,765
02-03	9,926
03-04	12,623
04-05	25,616
05-06	37,914
06-07	66,893

University of Central Florida Access, Quality, and Efficiency through Online Learning

Academic Year 2006-2007

The screenshot shows a line graph titled 'Fully Online (W) Registrations' for the University of Central Florida. The graph plots the number of registrations from the academic year 2006-07 to 2007-08. The data shows a consistent upward trend, with a significant increase in 2007-08.


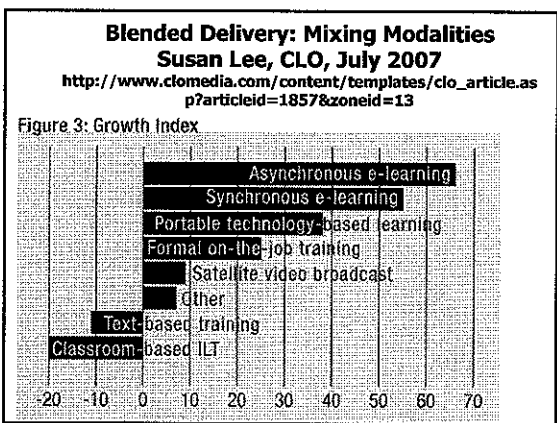
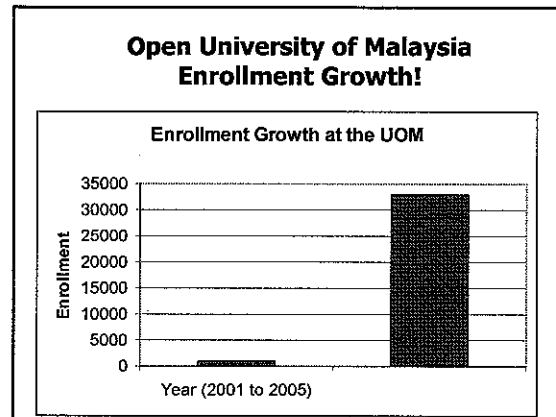
Academic Year (summer-fall-spring)	Registrations
06-07	645
07-08	1,638
08-09	3,036
09-10	5,688
10-11	9,710
11-12	12,776
12-13	16,628
13-14	21,960
14-15	29,187
15-16	35,145
16-17	42,898

7

The Open Univ Malaysia


(Abtar Kaur, 2005, Ed Media)


- Started August 2001 : approx. 800 students
- Total students (2005): approx. 33,000
- Total full-time academic staff : 60
- Total part-time academic staff (tutors) : approx 3,000
- 33 Learning Centres (7 Regional Centres)
- Pedagogical approach : Blended Learning


The Ten Forces that Flattened the World

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






The Learning World is Flat



1. eduCommons

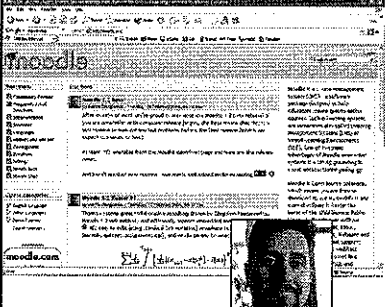




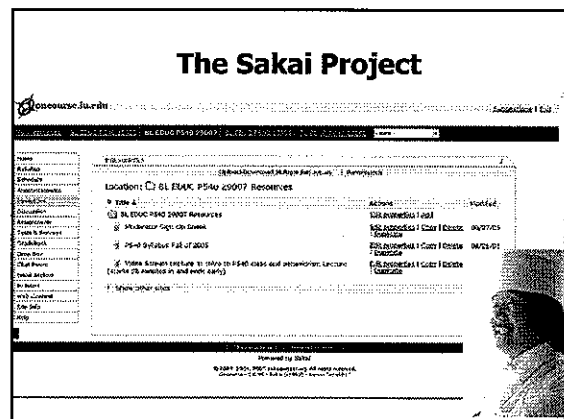
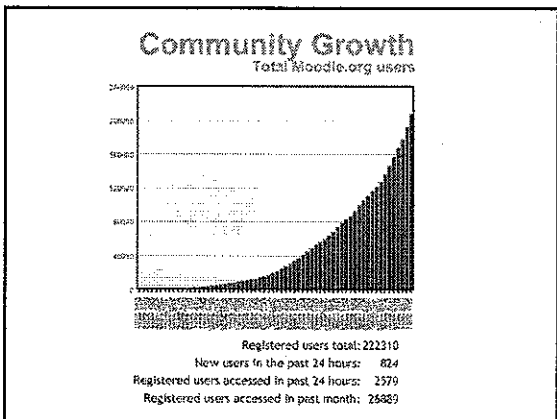
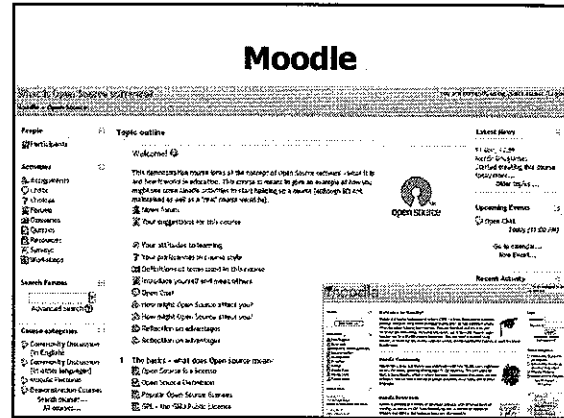
[Download the Source Code](#) - [Visit the installation instructions](#)

eduCommons is an OpenCourseWare Management System designed specifically to support OpenCourseWare projects like MIT OCW and UOC. eduCommons provides the functionality necessary to successfully develop and manage an open access collection, including a workflow routes that starts users through applying materials into a repository, handling copyright clearance, reassembly of materials into courses, a quality assurance process, and final publication of the materials. While the front end of eduCommons is designed to comply with other OCW's, the back end architecture is totally custom to something the [OCW Consortium](#). All resources are stored as individual learning objects in order to facilitate easy reuse elsewhere. eduCommons is open source software available from [SourceForge](#).

eduCommons is generously funded by The William and Flora Hewlett Foundation and the National Science Foundation.

2. Moodle



The Ten Forces that Flattened the World

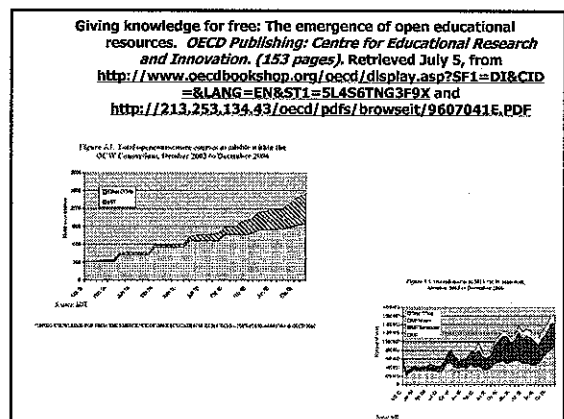
4. Leveraged Resources and OpenCourseWare (OCW) (e.g., free courses from MIT, Utah State, CORE, OOPS)

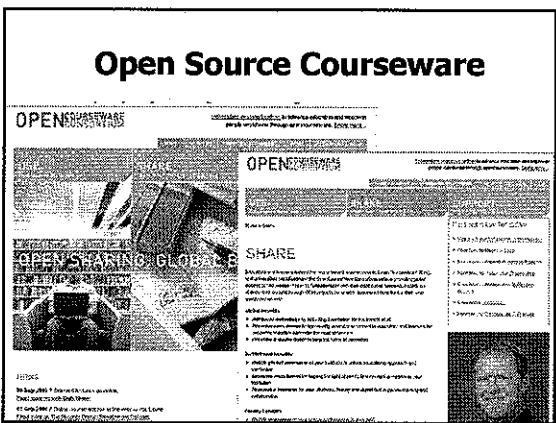
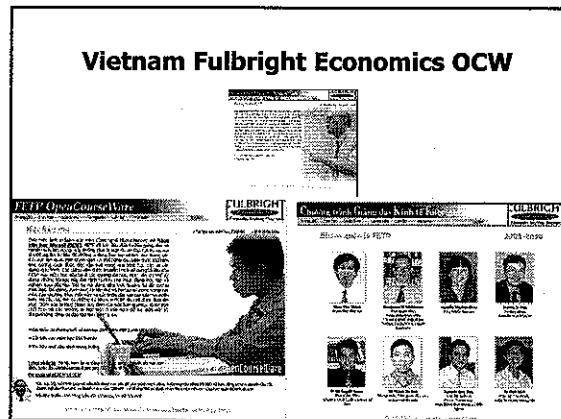
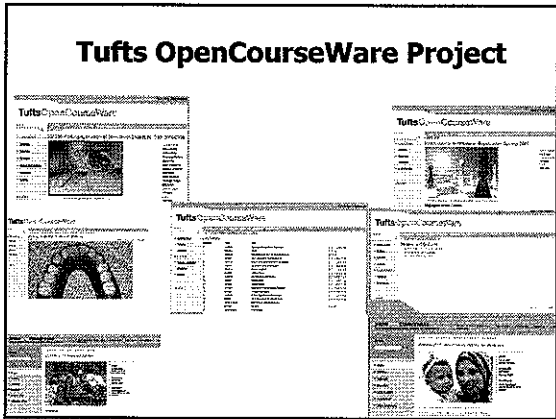
OPENING UP EDUCATION

The Learning World is Flat

The Learning World is Flat

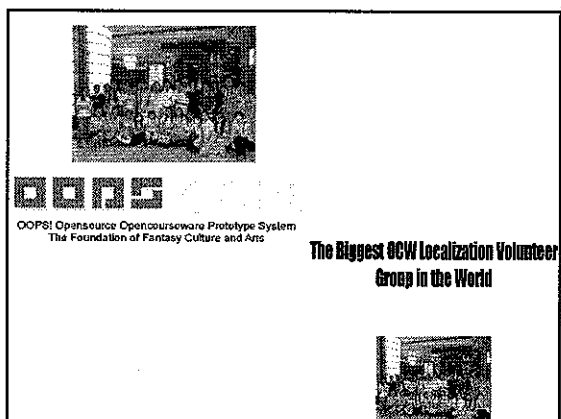
The Learning World is Flat





**Per David Wiley, Utah State University
(October 2005)**

"This is a message that should probably get out, also - not only is this movement worldwide and gaining momentum every day, it is also becoming a key part of international strategy to achieve equitable access to education for people everywhere."



What's their Beliefs? (Chu, Jan 1, 2007)

- Collective Minds is better than a single genius translator.
- Perfect Translation doesn't exist.
- 2,012 Volunteer translators
1,125 courses adopted
639 courses near completion
(level 1)
- 126 courses already finished



OOPS
OpenSource OpenCourseware Prototype System
開放式課程計劃

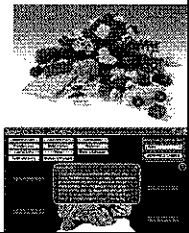
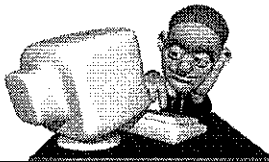


Lucifer Chu, Chairman and Janitor of OOPS, Taiwan

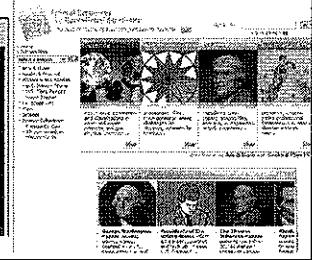
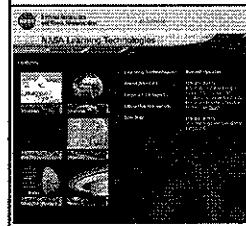


The Ten Forces that Flattened the World

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



Free Government Resources!



Terry Anderson, Athabasca University (October 2005)

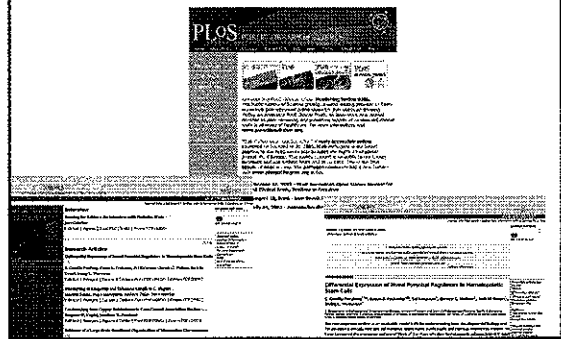
"Our Creative Commons licensed book **Theory and Practice of Online Learning** has been downloaded over 55,000 times (full text) and more by individual chapters. Parts have been translated into 6 languages and we are nearly sold out the 500 copies we printed at \$50 a pop. So it is quite a success story."



- Anderson, Terry & Fathi Eloumi (Eds). (2004). Theory and practice of online learning. Canada: Athabasca University. http://cde.athabasca.ca/online_book/



Public Library of Science



Museum of Online Museums

MEMBERSHIP LISTEN
Consider Any come to check out our 2006
MEMBERSHIP LISTEN

LOCAL PARTNER
About The MoM

MoOM
Museum of Online Museums

MUSEUM COMPUTER NETWORK
Museum of Online Museums

A. MERLOT.org

B. Connexions (Rice University)

<http://cnx.rice.edu/>

Connexions
Connexions is a leading open source of the world's best and most innovative free educational materials.

- Support online and offline
- Support multiple languages and content types
- Support multiple learning modes, content, and activities

Get started

- Learn more about Connexions
- Take a tour
- Explore the content and explore in the Connexions - as needed
- Contribute a module or book or course - (Nov 2006)

Connexions is growing
Connexions is a community-based, interdisciplinary, and peer-reviewed platform for the world's best and most innovative free educational materials. It is a place where educators and researchers can collaborate to create and share high-quality, open-source educational materials. Connexions is a place where educators and researchers can collaborate to create and share high-quality, open-source educational materials.

C. Global Education and Learning Community (GELC)

(Kirkpatrick, Dec 22, 2006, CNN Money)

- The Global Education and Learning Community (GELC) aims to bring the principles of open source to education. **Scott McNealy**, former CEO of Sun Microsystems, is working to create a free universal curriculum from Kindergarten to 12th grade in every major subject. Any educator/researcher can contribute and it will be in any language.

Curriki (free K-12 Contents for the world!)

Curriki
Curriki is a free, open source, K-12 curriculum resource. It is a place where educators and researchers can collaborate to create and share high-quality, open-source educational materials. Curriki is a place where educators and researchers can collaborate to create and share high-quality, open-source educational materials.

D. Google School Resources

such as Google Docs and Spreadsheets, an open alternative to Microsoft's Word and Excel

Google enrolls teachers in online software crusade

Dec 3, 2006, USA Today
Michael Liedtke, Associated Press
Google enrolls teachers to spread work online software crusade

Palo Alto High School journalism teacher Esther Wojcicki helps student Allison Wyndham at a computer during journalism class in Palo Alto, Calif. Wojcicki is helping Google bring its online suite of software applications to classrooms across the country

E. National Repository for Online Courses (NROC) Commons

The screenshot shows the NROC Commons homepage. It features a search bar at the top and several sections of course listings. The text is somewhat blurry but includes phrases like 'Welcome to a worldwide learning network' and 'NROC Commons is a free, open, and collaborative network of educators sharing a broad selection of materials that are used and reused by a global community of educators. This network is a key component of the NROC Commons, which is a key component of the NROC Commons. The network is a key component of the NROC Commons, which is a key component of the NROC Commons.

The Ten Forces that Flattened the World

6. Learner Participation in Open Information Communities (e.g., Slashdot, Digg, Wikipedia, YouTube)

This block contains a collage of images illustrating online communities. On the left, there's a person looking at a computer screen. In the center, there are screenshots of social media or community pages. On the right, there's a photo of a group of people. The overall theme is digital participation and learning.

Slashdot (News for nerds, stuff that matters)

<http://slashdot.org/>

The screenshot shows the Slashdot website. The main headline is 'WHAT'S THE FREQUENCY (Knewtel?)'. Below the headline, there are several smaller article snippets with titles like 'Microsoft's...'. The layout is typical of a news aggregator site from that era.

Digg (all about user powered content. Everything is submitted and voted on by the Digg community. Share, discover, bookmark, and promote stuff)

<http://digg.com/>

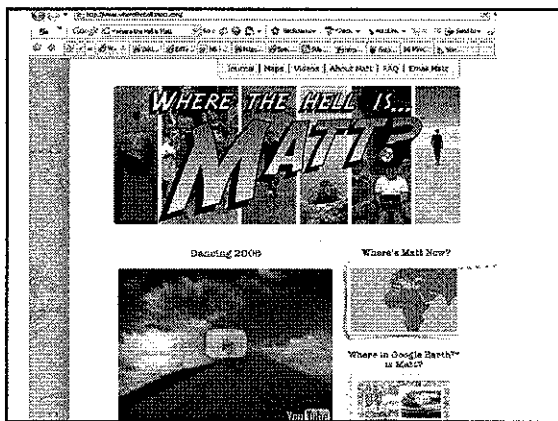
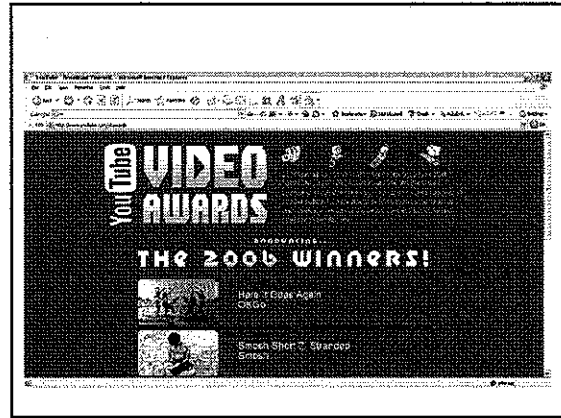
The screenshot shows the Digg website. It features a list of news items, each with a title, a small image, and a user avatar. The items are ranked by their Digg score. The interface is clean and focused on the content being shared by the community.

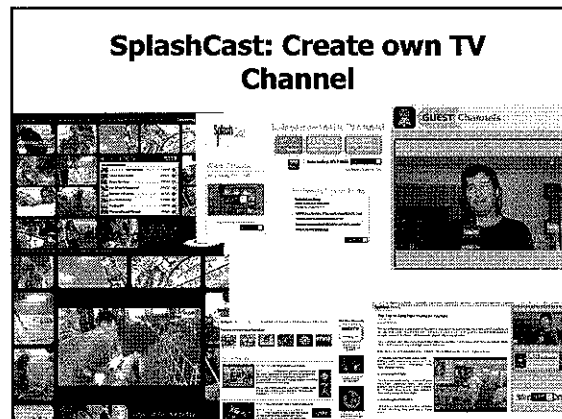
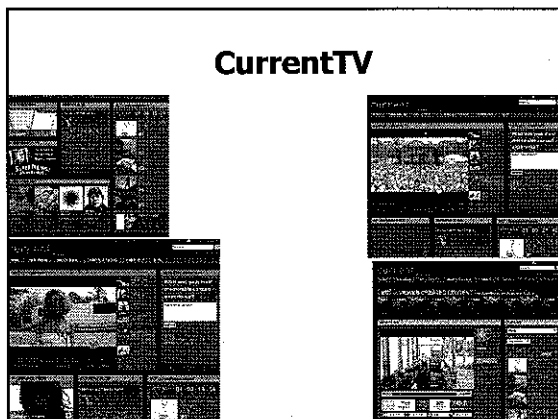
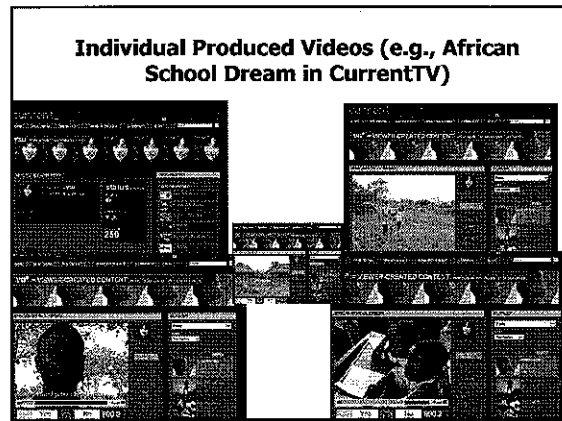
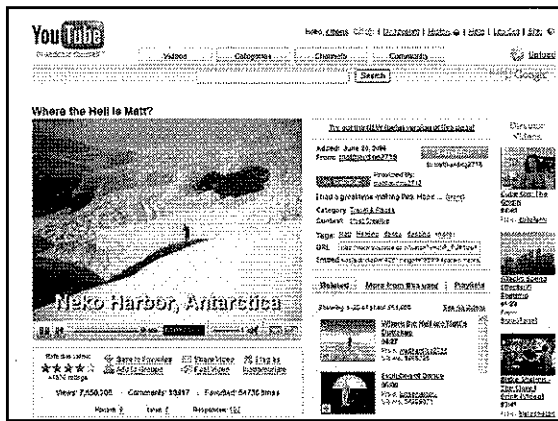
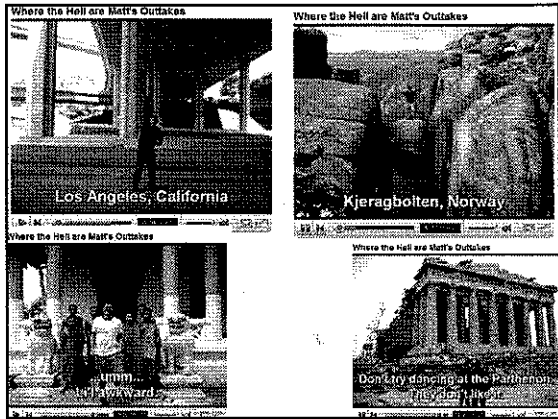
News in Digg

This screenshot shows a detailed view of a news item on Digg. It includes the article's title, a large image, and a section for user comments and diggs. The layout is designed to facilitate community interaction and content discovery.

Chobse .oo

The screenshot shows the Chobse website. The main headline is 'California Governor Arnold Schwarzenegger Speaks'. Below the headline, there are several smaller images and text snippets related to the news story. The site has a distinct branding with 'Chobse .oo' at the top.

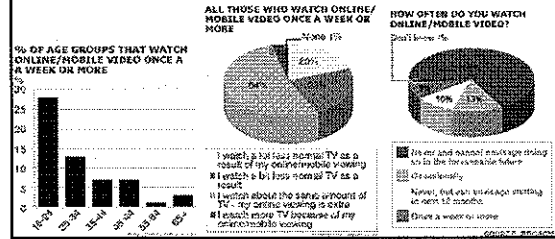




Make Videos Available for World (see dotSUB)

The screenshot shows the dotSUB website interface. At the top, there's a navigation bar with the dotSUB logo. Below it, there's a section titled "Building Demonstrations" with a video player showing a person speaking. The interface includes various controls like play, pause, and volume, as well as a sidebar with navigation options.

BBC (2007). Online video 'eroding TV viewing.' *BBC News Online*. Retrieved July 3, 2007, from <http://news.bbc.co.uk/1/hi/entertainment/6168950.stm>



The screenshot shows a news article from Technology magazine. The headline is "Sony Shows Off Paper-Thin, Bendable Video Display". The article describes Sony's new paper-thin, bendable video display technology, which is being showcased at the Consumer Electronics Show. The article includes a photo of the display being bent and a quote from a Sony representative.

The screenshot shows a Wikipedia article titled "Wikis: Wikipedia and Wikibooks". The article discusses the concept of wikis and provides information about Wikipedia and Wikibooks. It includes a list of related articles and a photo of two men, likely the founders of Wikipedia.

The screenshot shows a Wikipedia article titled "Canada in Wikipedia". The article discusses the presence of Canadian content on Wikipedia and provides information about the Canadian Wikipedia project. It includes a list of related articles and a photo of a Canadian flag.

The screenshot shows the homepage of Wiktionary, a free online dictionary. The page features a search bar, a list of featured words, and a navigation menu. The header includes the Wiktionary logo and the text "Wiktionary - The Free Online Dictionary".

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?

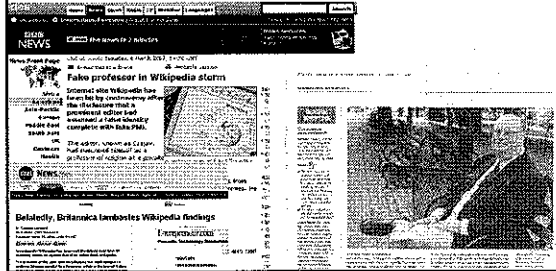
U.S. senator: It's time to ban Wikipedia in schools, libraries

By Preston Gralla on Wed, 02/14/2007 - 7:09pm

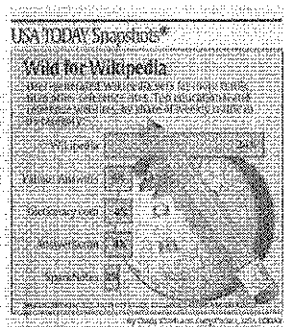
Here's the news from Sen. Ted Stevens, the man who described the Internet as a series of tubes. He lobbies for the Federal government to gain access to Wikipedia, MySpace, and social networking sites from schools and libraries.

ABOUT THIS BLOGGER

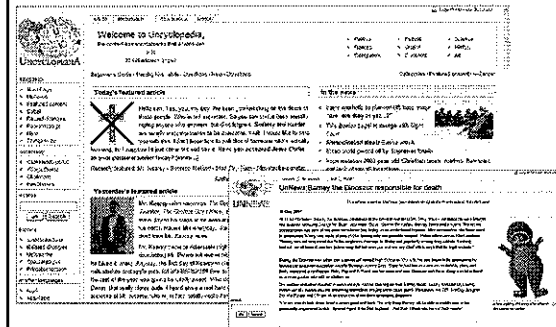
Preston Gralla Preston Gralla is a contributor to Computerworld, and the author of more than including Windows Vista to 3-D HDTV.



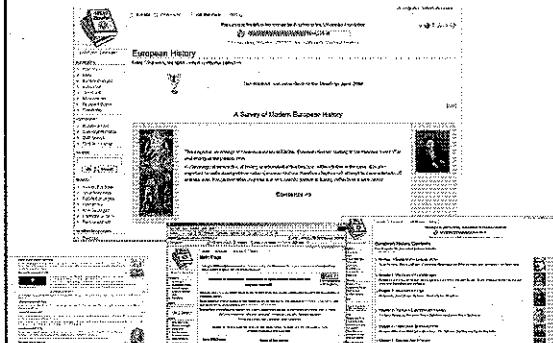
USA Today, June 7, 2007



http://uncyclopedia.org/wiki/Main_Page



Sample Book (Learning Theories)
http://en.wikibooks.org/wiki/Main_Page



The Ten Forces that Flattened the World

7. Electronic Collaboration and Interaction (synchronous and asynchronous)



Skype says it is used by 136 million people worldwide

Skype for Language Learning

420 THE ECONOMIST IN EUROPE'S 2004/2005 • DECEMBER 5, 2004

Online Mentoring

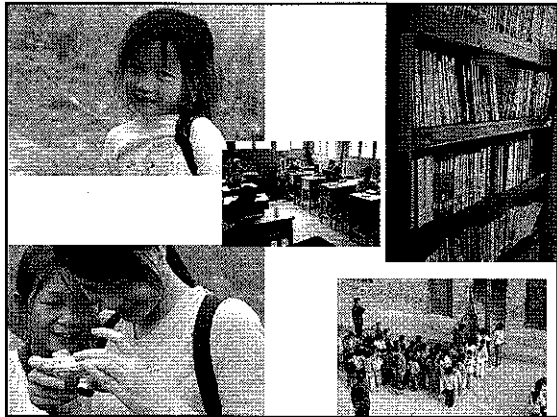
(1k More project in China; <http://www.1kg.org/>)

Online Mentoring

(1k More project in China; <http://www.1kg.org/>)

- 1kg More (short for "1 kilogram more in your travel pack") is a non-official cause of charity crossing over travel.
- It runs behind the idea of travelers bringing 1kg of inexpensive educational materials in addition to their package to give away to some one that needs it along their journey, e.g. kids that cannot even afford a pencil rubber.
- 1. Passing - Prepare 1kg of books or stationeries for underprivileged kids you may meet in your journey;
2. Communicating - Talk to and play with kids and get to know them;
3. Sharing - Share your travelogues with people via 1kg forum and spread the words among friends and around.

1 KG Project (i.e., one kilogram more in your travel packet)



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

The Ten Forces that Flattened the World

8. Alternate Reality Learning (Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life)

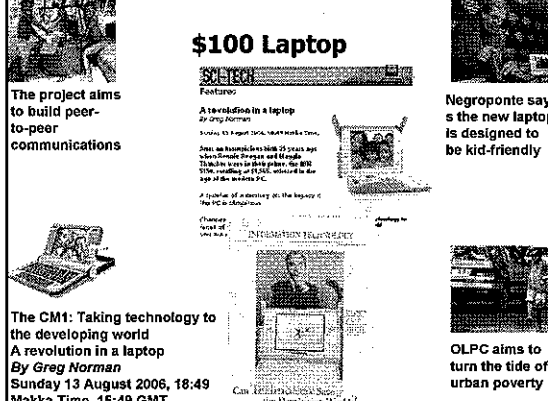
Virtual Worlds/Virtual Reality/MMOG

The Ten Forces that Flattened the World

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

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.



\$100 Laptop

The project aims to build peer-to-peer communications

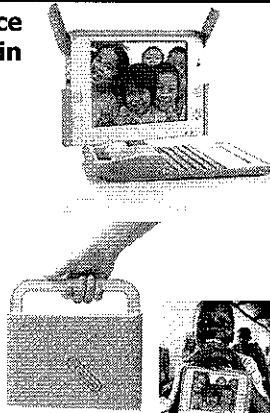
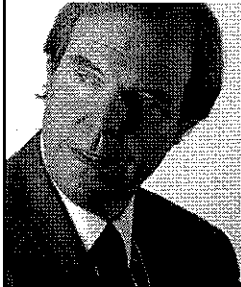
Negroponte says the new laptop is designed to be kid-friendly

OLPC aims to turn the tide of urban poverty

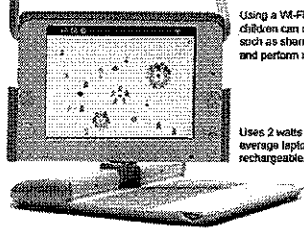
The CM1: Taking technology to the developing world
A revolution in a laptop
By Greg Norman
Sunday 13 August 2006, 18:49
Makka Time, 15:49 GMT

Can Africa's laptop revolution change the developing world?

Computers for Peace By Grace Rubenstein GLEF



\$100 Laptop



Fold-up antennas let XO laptops link with others up to 1/3 of a mile away and share an internet connection.

Screen swivels, closes, or lies flat for use as tablet, e-book, or game machine.

Using a Wi-Fi connection, groups of children can do activities together, such as share photos or compose and perform music.

Super high-definition, 7.6 in. diagonal screen is easily visible in daylight; designed for outdoor use.

Uses 2 watts of power (1/10th average laptop); manually rechargeable.

Rugged keyboard resists dust and dirt and will be configured for the local language.


OLPC in Nigeria: School Galadima One Laptop Per Child foundation (OLPC) provided School Galadima in March 2007 with an XO laptop for each child in Primary 4, 5 and 6 and also for each member of the staff.




Uruguay youngsters receive batch of OLPC XOs
Posted May 14th 2007 3:34PM by Darren Murph
<http://www.engadget.com/2007/05/14/uruguay-youngsters-receive-batch-of-olpc-xos/>




OLPC in Nigeria: School Galadima
One Laptop Per Child foundation (OLPC) provided School Galadima in March 2007 with an XO laptop for each child in Primary 4, 5 and 6 and also for each member of the staff.




Drawing of his future house by a primary 5 student who wants to be a banker.



Teachers also do artistic work on their XO laptops, like this teacher's local scene.



Simple as it may seem, this graph is the result of a complex process: primary 6 worked together, made a census of themselves and of the whole school, and understood both population and mathematical graphing concepts.




Nakaseke community radio station



Nakaseke village telecenter


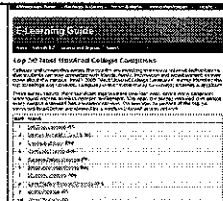




Nigerian school OLPC XO usage







One Laptop Per Child News
<http://www.olpcnews.com/>

The Age of Wireless

The Age of Wireless







Most Unwired Reports (not most wired)

MOST (UN)WIRED SCHOOLS?

CNET and U.S. News and World Report got the top 50 universities' tech specs and asked them which computers they recommend to students and faculty.

[CLICK HERE TO VIEW](#)



totally wireless on campus

The Ten Forces that Flattened the World

10. Networks of Personalized Learning (Blogs, Podcasts, MySpace, Flickr, and RSS)




The Learning World Is Flat

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?



iPod's More Popular than Beer?

iPods knock over beer mugs

By Mark HANAUER, USA TODAY

Photo provided by Apple Computer, courtesy of iStockphoto.com



Wash. Post, USA Today
The iPods are 'hot' and have become a cultural icon, but they are also a source of controversy for many people who are not familiar with the device.

Apple's iPod is a portable music player that can store up to 1,000 songs. It is also a video player and can be used to watch movies and TV shows.

The iPod is also a source of controversy because of its design. Some people think it looks like a beer mug, and others think it looks like a telephone.

Apple has responded to these criticisms by releasing the iPod nano, which is a smaller and more compact version of the original iPod.

BY TOPIC: BY TOPIC: BY TOPIC

Topic	Count	Percentage
Music	1,234	35%
Video	876	25%
Podcasts	543	15%
Education	321	10%
Business	198	6%
Technology	156	5%
Health	123	4%
Other	98	3%

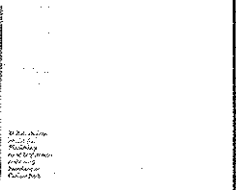
The iPod is also a source of controversy because of its design. Some people think it looks like a beer mug, and others think it looks like a telephone.



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.

Dalmeida 2510 PDA, University of Maryland
The school has begun handing out the wireless personal digital assistants to faculty and more than 200 full-time students in the Fall semester of 2006.



Consumer's Guide to College Podcasts

(Daniel Coleman, Stanford, Chronicle of Higher Ed, June 4, 2007)

THE CHRONICLE
A GUIDE TO COLLEGE PODCASTS

open culture
podcasts (audio and video), hosted by...

podcasts
podcasts (audio and video), hosted by...



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

World Bridges and EdTechTalk

EdTechTalk
 About Us | Community Press Page | Discussion Forums | Sites | Top | One Search | Help for Users | Security | Search

EdTechTalk #79 - A Discussion with Curtis Bok & Steve Kossakowski
 Length: 74:13 (over 2.5 hours)
 Format: MP3 (over 400 kbps) (300)

Discussion with Curtis Bok, of Indiana University & Steve Kossakowski, of SCCT
 A Series of EdTechTalks and an invited member of the EdTechTalk community, our guests Steve Bok and Steve Kossakowski will discuss their experiences and insights into the use of technology for management, technology in the classroom, and the future of education.

Answer Links:
 Curtis Bok
 Steve Kossakowski

Student Podcast (in schools—kids have power!)

"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)

Student Podcast (in schools—kids have power!)

Steve and Nick
 Water's End
 The Education of the City - Chad Esh

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)

LEARNING LOG

November 8 - 8 - October, 2006
 Learning Goals

LEARNING LOG
 November 8 - 8 - October, 2006
 Learning Goals

LEARNING LOG
 November 8 - 8 - October, 2006
 Learning Goals

Learning with iPods (Campus Technology, Dec, 2006)

Get Lectures from Stanford and Berkeley on iTunes

Language Learning (ChinesePod—learn Mandarin)

JapanesePod, Arabic online, etc.

Developed by Dr. Tianwei Xie, Dept. of AAAS, California State University, Long Beach

Conversational Mandarin Chinese Online

The best copy of this book (and website) is available here: [The Original Version - Revised Version](#)

This website is available for purchase on Amazon.com. For more information, please contact the author.

Table of Contents:

- 1. How to use this book
- 2. How to use this website
- 3. How to use this website
- 4. How to use this website
- 5. How to use this website
- 6. How to use this website
- 7. How to use this website
- 8. How to use this website
- 9. How to use this website
- 10. How to use this website

Vlogging (Video Blogging)

e.g., Andy Calvin's Waste of Bandwidth
Michael L. Wesch, Kansas State, The Machine is Using Us

Andy Carvin's Waste of Bandwidth
Occasional Musings from Andy Carvin of the Digital Divide Network

«Timber! | Main

December 7, 2006

Prayers for Seymour Papert

I've just heard the terrible news that educator and artificial intelligence pioneer **Seymour Papert** has been **gravely injured** in a motorbike accident. He was attending a conference in Hanoi when he was hit by the motorbike.

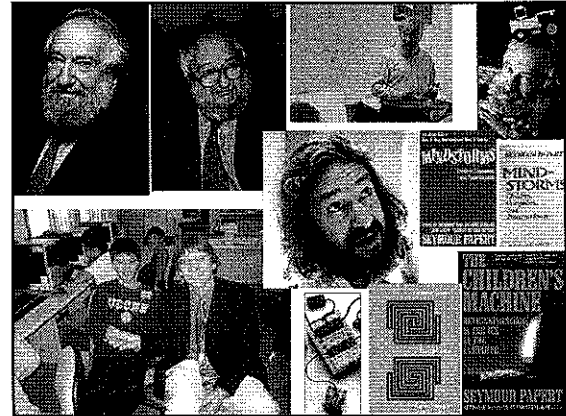
I received an email forwarded from a colleague in Hanoi:

Seymour Papert
From Wikipedia, the free encyclopedia

Seymour Papert (born March 1, 1928 Providence, Rhode Island) is an MIT mathematics, computer scientist, and prominent educator. He is one of the pioneers of child-centered education, as well as an innovator of the Logo programming language (1980).

Top MIT scientist injured in Vietnam
By Megan Jacob, Staff Writer | December 8, 2006

Seymour Papert, a pioneer in artificial intelligence and education, was injured in a motorbike accident in Vietnam while attending a conference. Papert, 78, was riding on his motorcycle when he was struck by a motorbike. He was taken to a hospital in Hanoi, where he is currently recovering. Papert is a member of the National Academy of Sciences and the National Academy of Education. He is also a member of the American Academy of Arts and Sciences.



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?**

Online Photo Albums, e.g., FLICKR (Inc. Magazine, December 2006)

Social Networking Software

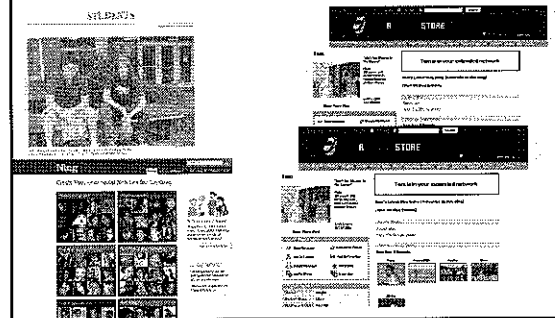
- **Classmates:** <http://www.classmates.com/>
- **Facebook:** <http://www.facebook.com/>
- **Friendster:** <http://www.friendster.com/>
- **Friendzy:** <http://www.friendzy.com/>
- **MySpace:** <http://www.myspace.com/>
- **Orkut:** <https://www.orkut.com/>
- **Tribes:** <http://www.tribe.net/>
- **YouTube:**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

Virginia Tech Memories in Facebook

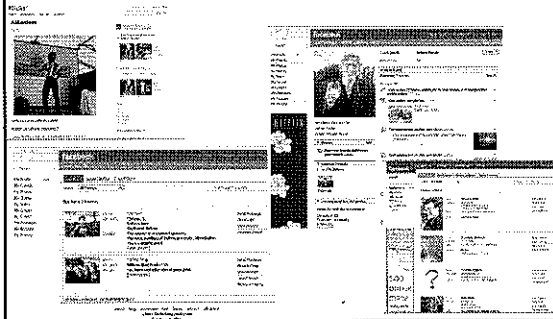
**Facebook used to be just for the young
(e.g., my son's Facebook account)**



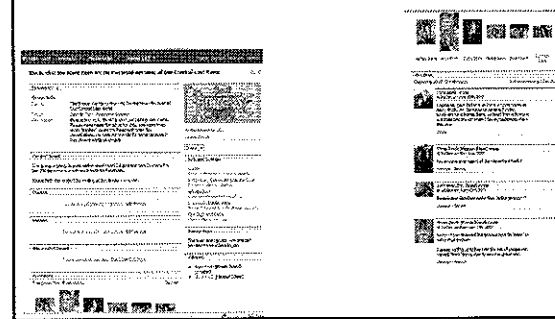
Social Networking Software (Web 2.0)



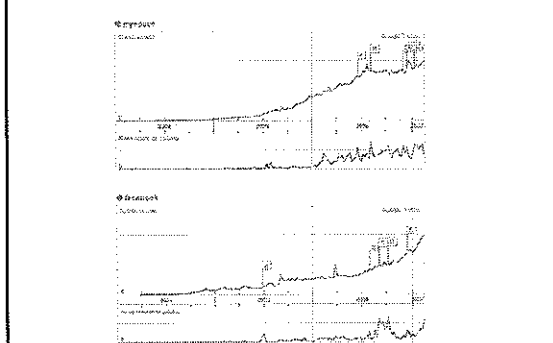
Facebook (from 2 friends to 50 seemingly overnight)



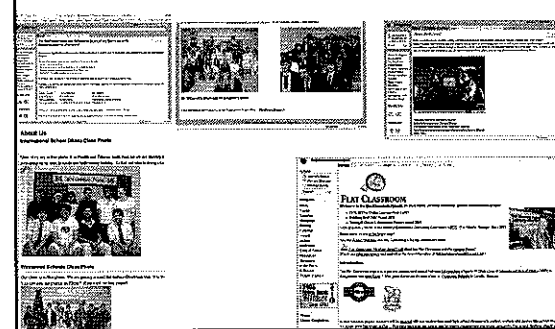
Even a "Bank" Group in Facebook



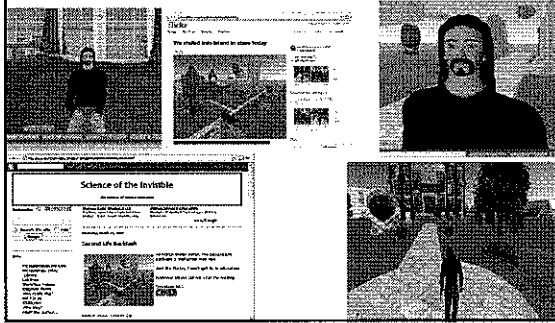
Recent Growth of Facebook and MySpace



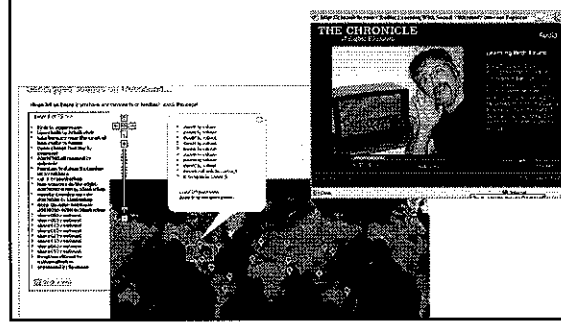
Flat Schools and Flat Classroom Projects!!!



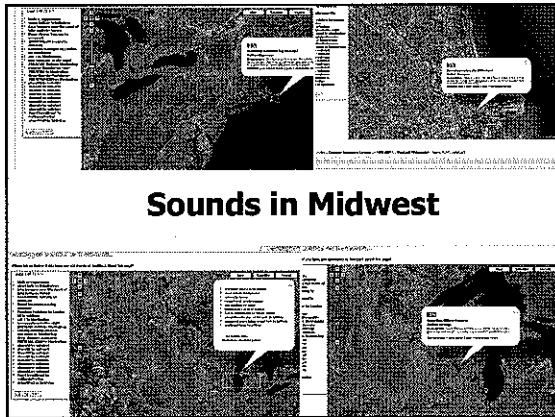
**Combining The Web 2.0 (e.g., Second Life, Blogging, and Photo Posting)
Stephen Mandelbrot**



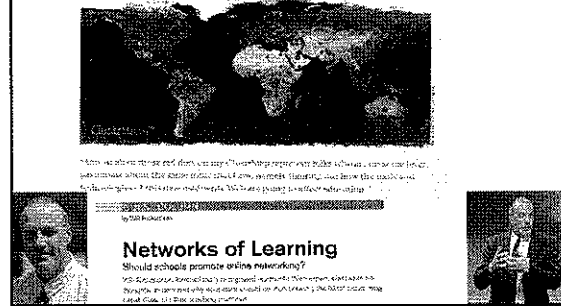
Indexing Sounds in Cities with Google Maps



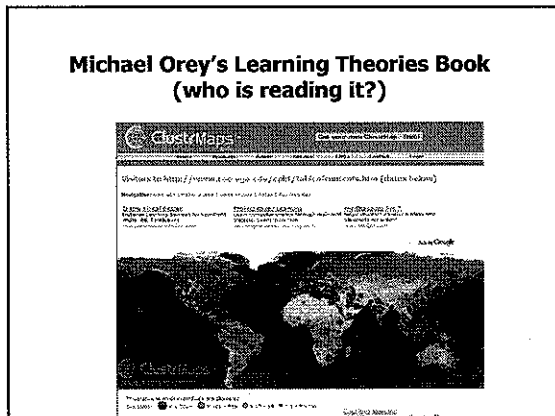
Sounds in Midwest



Cluster Maps (who is reading your blog or using your product); Blog of Will Richardson, famous K-12 blogger



Michael Orey's Learning Theories Book (who is reading it?)





Sharing Questions (today)

- 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?

Computers for Peace; By Grace Rubenstein; GLEF, Interview with Nicholas Negroponte, MIT

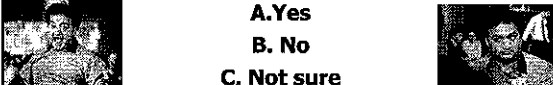
- In an ideal world, what is your single greatest hope for this project?
- A three-step hope: World peace *through* the elimination of poverty *through* education *through* learning. Education is the goal; learning is the means. A lot of learning can happen without teaching. We're banking on that.

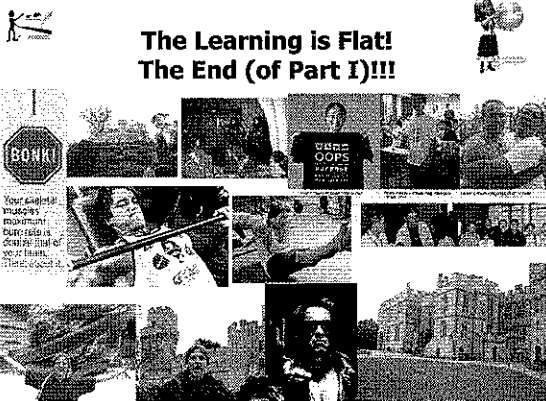
It's Over...

Poll: Ok, then, who wants more???

A. Yes
B. No
C. Not sure



**The Learning is Flat!
The End (of Part I)!!!**



Your digital equipment...
...is not the final of...
...of your...
...of your...