






**Learning World Is Open:
Now E-ALL-LEARN with Web Technology**

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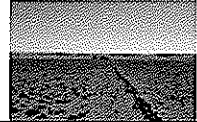







Dig in, archaeology fans!
UCLA blogs to offer front-row seat at archaeology digs
By Meg Sullivan, 6/25/2008
<http://newsroom.ucla.edu/portal/ucla/dig-in-archaeology-fans-52202.aspx>

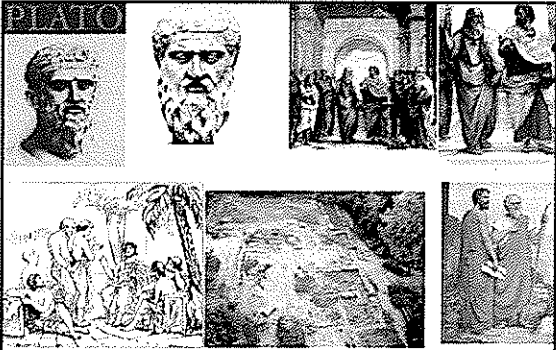
UCLA Newsroom

Skeleton (Lofkend, Albania)
June 25, 2008

UCLA undergraduates participating in the Cotsen Institute's field study program will learn to conserve and classify the contents of ancient tombs discovered in Albania.

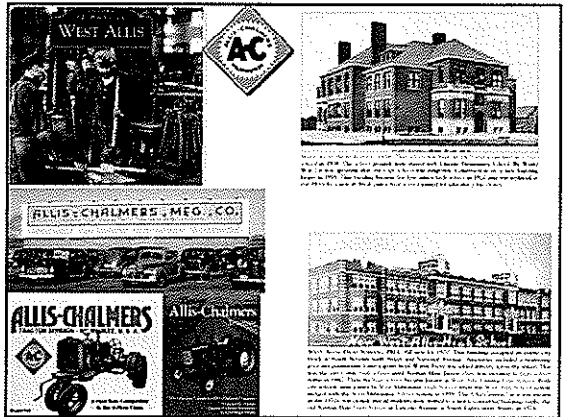




PLATO



Plato's academy: 387 BC - 529 AD

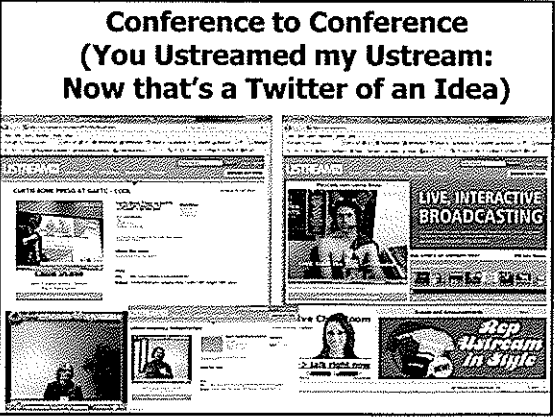
WEST ALLIS



ALDIS-CHALMERS, MFG. CO.

ALLIS-CHALMERS

**Conference to Conference
(You Ustreamed my Ustream:
Now that's a Twitter of an Idea)**

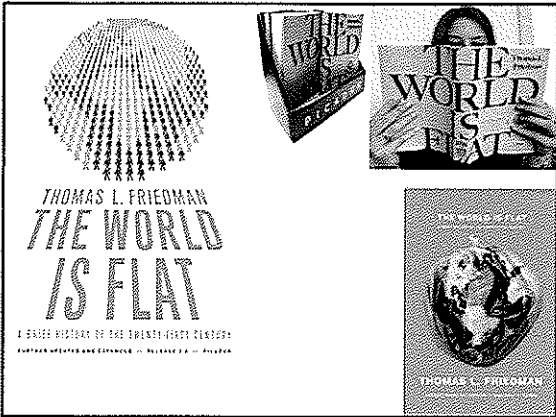


**The Ten Forces that
Flattened the World**

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)







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.)

What if our minds were on fire for learning?

MINDS ON FIRE: OPEN EDUCATION, THE LONG TAIL, AND LEARNING 2.0. JOHN SEELY BROWN AND RICHARD ADLER, EDUCAUSE REVIEW, JANUARY-FEBRUARY, 2008.
<http://connect.educause.edu/Library/EDUCAUSE+Review/MindsOnFireOpenEducation/45823>

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)

Research Center for the DataBank

62% - Home Broadband Adoption

Trends in home internet access, broadband vs. dial-up

Year	Home Internet Access (%)	Broadband (%)	Dial-up (%)
2003	~45	~10	~35
2004	~55	~25	~30
2005	~65	~45	~20
2006	~75	~65	~15
2007	~80	~75	~10
2008	~85	~80	~5

Terabyte thumb Drives and Magic Pens! (The Pulse from Livescribe)

Second, we need new ways to record info: Smartpens: "Never Miss a Word"

Managed Book Search, From the Academic to the Student

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/>

The Ten Forces that Flattened the World

2. Enormous E-Learning and Blended Learning

Growth of Online Learning in Secondary Schools (Florida Virtual School; AP American History)

TOTAL HALF-CREDIT ENROLLMENTS AT FLVS

Florida Virtual School
GlobalSchoolNet.org

Total and Online Enrollment in Postsecondary Institutions Fall 2002 through Fall 2006 (For Degree-Granting Institutions)

	Total Enrollment	Annual Growth Rate	Students Taking at Least One Online Course	Annual Growth Rate of Online Enrollment	Online Enrollment as Percent of Total Enrollment
Fall 2002	16,611,710	NA	1,602,970	NA	9.7%
Fall 2003	16,630,479	1.7%	1,971,337	23.0%	11.7%
Fall 2004	17,272,043	2.2%	2,329,733	16.2%	13.5%
Fall 2005	17,428,500	0.9%	3,180,050	36.5%	18.2%
Fall 2006	17,647,720	1.3%	3,458,231	0.7%	19.6%

SOURCE: ONLINE HIGHER EDUCATION: FIVE YEARS OF GROWTH IN ONLINE LEARNING (JANUARY 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.

Capella Tower 225 South Sixth Street, Minneapolis Formerly, the "Halo"

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


Moodle

Community Growth

The Ten Forces that Flattened the World

The Learning World is Flat

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



OPENING UP EDUCATION

By a National Education Policy Institute

Cape Town Open Education Declaration

December 2007

<http://www.capetowndeclaration.org/>

THE CAPE TOWN OPEN EDUCATION DECLARATION

Read the Declaration

What is the Declaration?

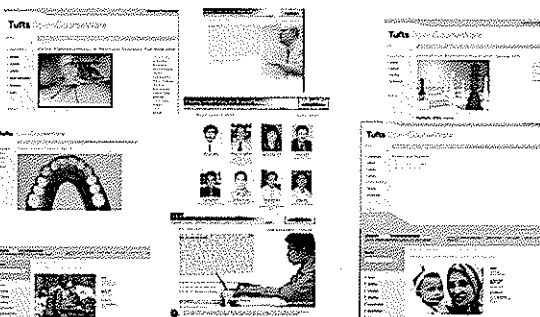

The Cape Town Open Education Declaration is a public statement of emerging awareness of a common worldwide goal: developing a world where each individual has the opportunity to benefit from the best of human knowledge. This includes sharing the results of a new paradigm of education, one where students share and build on each other's learning, creating and adding value as they go.

This emerging open education movement represents the essential building blocks of a new paradigm of education, and the responsibility that lies with the global community to ensure that this paradigm is fully realized. This includes the development of a global network of educational institutions and the sharing of their resources, and the development of a global network of educational institutions and the sharing of their resources.

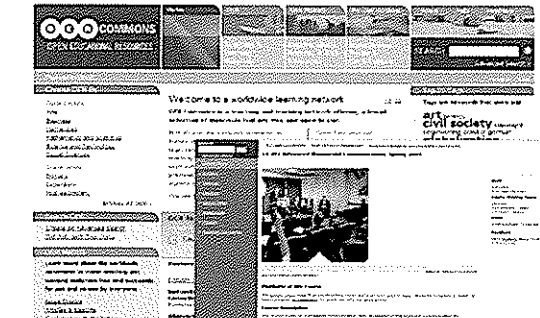
The emerging global network of open educational resources has the potential to provide a more equitable, better, and more relevant education for all. We call on the global community to support this effort, and to ensure that the benefits of this paradigm are shared by all.

OPEN SOCIETY INSTITUTE

OpenCourseWare Projects

National Repository for Online Courses (NROC) Commons

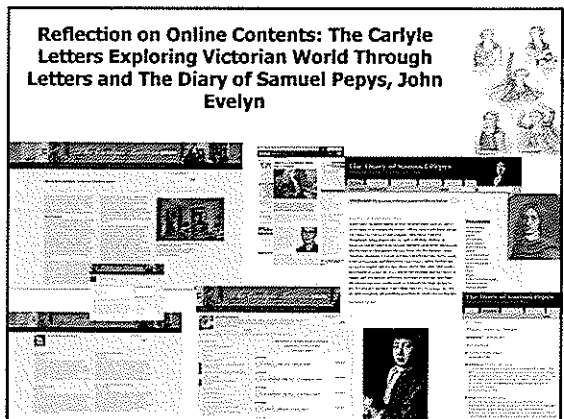
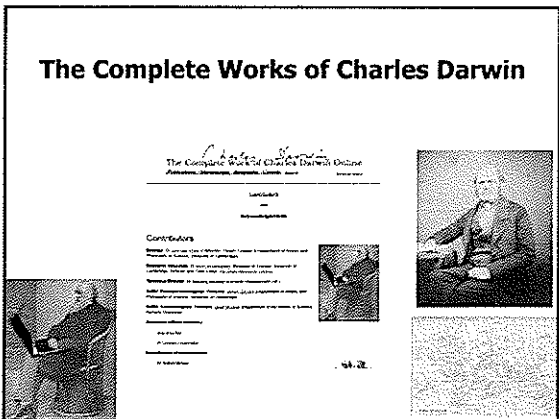
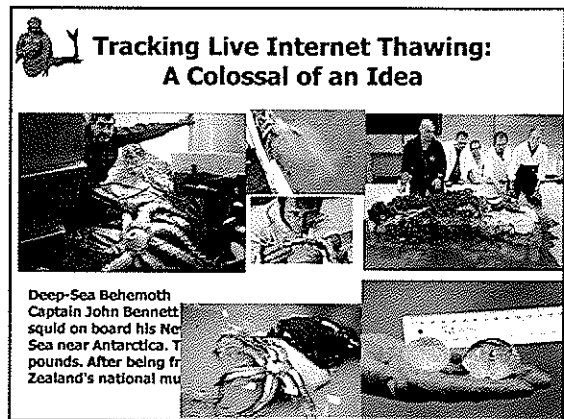
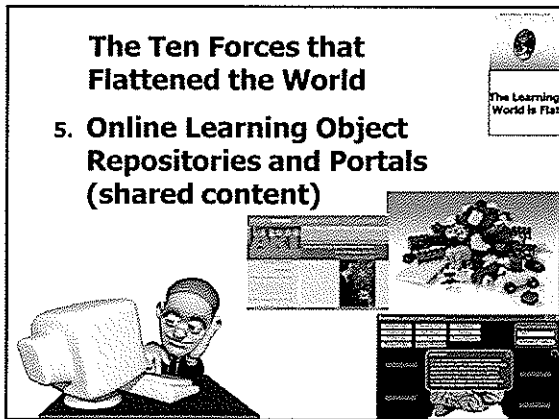
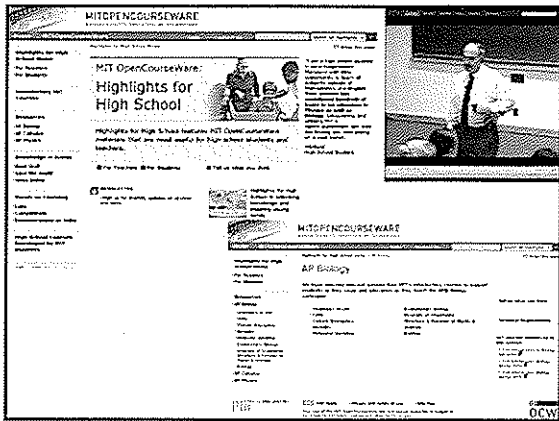


Opensource Opencourseware Prototype System (OOPS) funded by, the Foundation of Fantasy, Lucifer Chu, Chairman and Janitor of OOPS, Taipei)



OOPS Opencourseware Prototype System
The Foundation of Fantasy Culture and Arts

OOPS Opencourseware Prototype System
開放式課程計劃



Referatory: MERLOT.org

The screenshot shows the MERLOT.org website with a search bar at the top and several search results listed below. The results include titles like 'Introduction to Psychology' and 'The History of Psychology'. The interface is clean and organized, typical of an educational resource repository.

Repository: Connexions (Rice University) and Curriki (Sun Micro)

The screenshot shows the Connexions website interface. It features a search bar and a list of search results. The results include titles like 'Introduction to Psychology' and 'The History of Psychology'. The interface is clean and organized, typical of an educational resource repository.

What if the World was Beyond our World? NASA's Hubble Space: Google Sky) USA Today, August 22, 2007 <http://earth.google.com/sky/index.html>

The screenshot shows the Google Sky interface. It features a large central image of the Earth from space, with various navigation and search options. The interface is clean and organized, typical of a web-based application.

The Ten Forces that Flattened the World

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

The screenshot shows the YouTube website interface. It features a search bar and a list of search results. The results include titles like 'The Ten Forces that Flattened the World' and 'Learner Participation in Open Information Communities'. The interface is clean and organized, typical of a video-sharing platform.

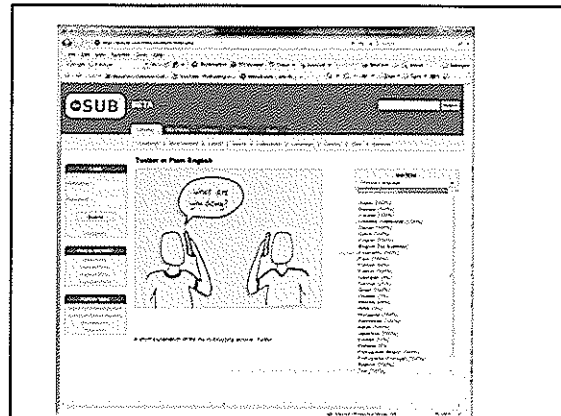
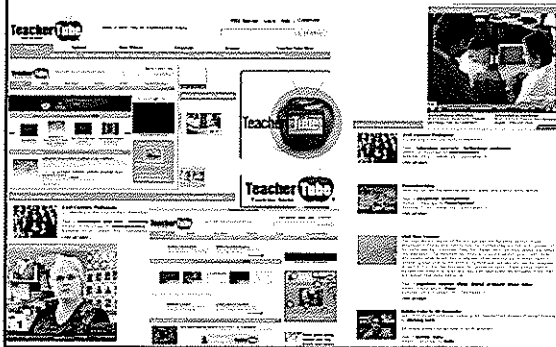
Skype, Google Talk, Chinesepod, LiveMocha, VoiceThread, YackPack, Dotsub, Chinswing, and many other Collaborative Language Learning

The screenshot shows the Chinesepod website interface. It features a search bar and a list of search results. The results include titles like 'Introduction to Psychology' and 'The History of Psychology'. The interface is clean and organized, typical of a language learning platform.

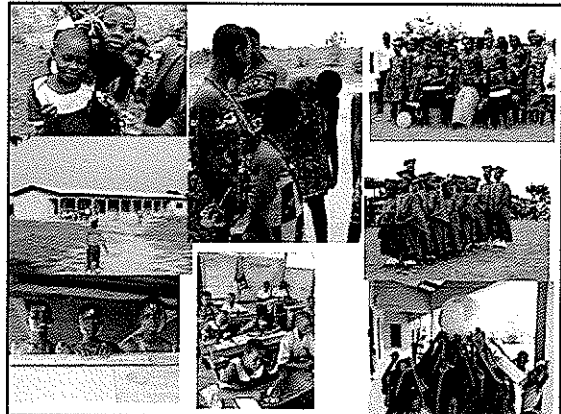
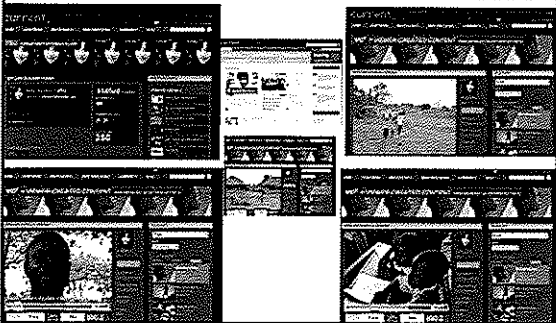
YouTube

The screenshot shows the YouTube website interface. It features a search bar and a list of search results. The results include titles like 'The Ten Forces that Flattened the World' and 'Learner Participation in Open Information Communities'. The interface is clean and organized, typical of a video-sharing platform.

But now there is TeacherTube!



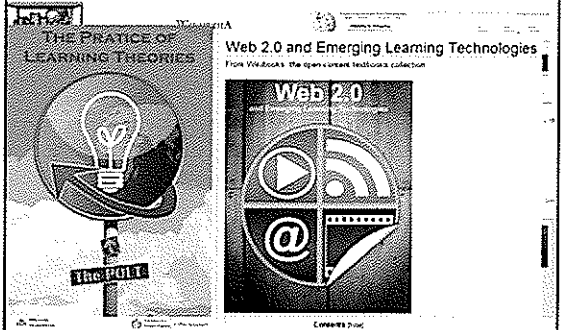
Individual Produced Videos (e.g., African School Dream in CurrentTV) http://current.com/items/77146082_african_school_dream



Global Nomads Group <http://www.gng.org/home.html>



Wikis: Wikipedia and Wikibooks



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Design a powerful research and a note-taking utility

Research and Collaboration
 - Easy to use and powerful
 - Powerful and easy to use
 - Easy to use and powerful
 - Powerful and easy to use

Web Design
 - Easy to use and powerful
 - Powerful and easy to use
 - Easy to use and powerful
 - Powerful and easy to use

Reading is more fun with friends.
 more productive with design.

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PCX

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TIPS@VALLEYWAG.COM!

FUTURE OF THE INTERNET
AND HOW TO STOP IT
JONATHAN ZITTRAIN

Outworld Face College Textbooks

washingtonpost.com

The Future of the Internet - And How to Stop It

Documents on Web
Scribd: <http://www.scribd.com/>

The Page
Study Group
Report

Scribd

Publish Yourself Online

Upload Documents

Share with the World

Explore Our Library

Library

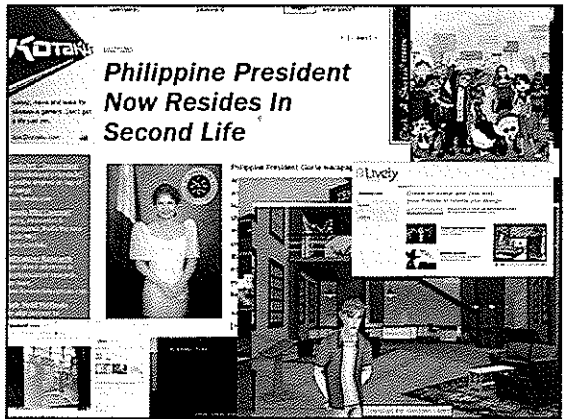
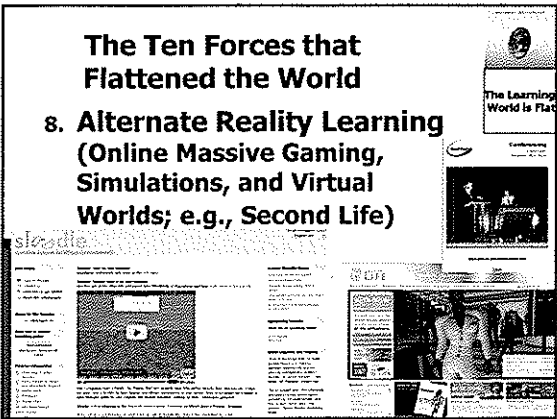
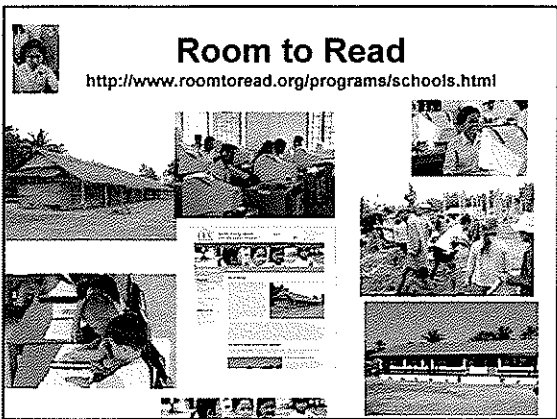
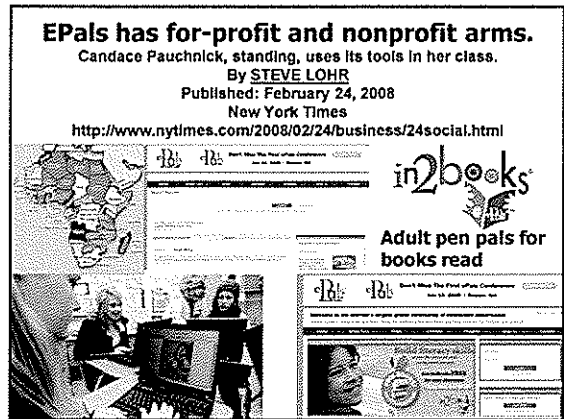
Ask Us to Buy Books

Library

The Ten Forces that Flattened the World

7. Electronic Collaboration and Interaction (synchronous and asynchronous)

The Learning World is Flat



The Ten Forces that Flattened the World

The Learning World is Flat

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

Andaricity

Wireless in Africa and Pocket School in Latin America

<http://www.receiver.vodafone.com/mobile-learning-in-developing-countries>
 Traxler, John (in press). Mobile learning in "developing" countries—not to different. *Vodafone Receiver*. See <http://www.receiver.vodafone.com/>

About Deep

Introduction

The Age of Wireless

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.

Totally wireless on campus

Click HERE to view

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.

The Ten Forces that Flattened the World

The Learning World is Flat

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

Clicky

Best news today's life

Learning Towns are Popping up!

None

LEARNING TOWNS

Map Mash-ups

(e.g., Shakespeare's Global Globe; PopSci, June 13, 2008, Michael Behar
 GOOGLE EARTH ENVIRONMENT GUIDE THE FREE SOFTWARE FROM GOOGLE
 GIVES SCIENTISTS A NEW WORLD VIEW (ASIAN FLU. EMOTIONS IN CITIES,
 VOLCANIC PLUMES ICE MELTING).

Video Supported Language Learning

(e.g., ECPod)

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

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?

**It is the End!!!
 Learning is Now Flat/Open...
 Remember that WE-ALL-LEARN!**