


**Part 1 (Macro View).
The Flat World Swung Open:
Now WE-ALL-LEARN with Web Technology**


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**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; Mosaic, 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!, MSN Web Search)
10. The Steroids: Digital, Mobile, Personal, and Virtual (wireless, file sharing, VoIP, video camera in phone)




UCLA Summer Digs Program
Dig in, archaeology fans! UCLA blogs to offer front-row
seat at archaeology digs, Meg Sullivan, 6/25/2008



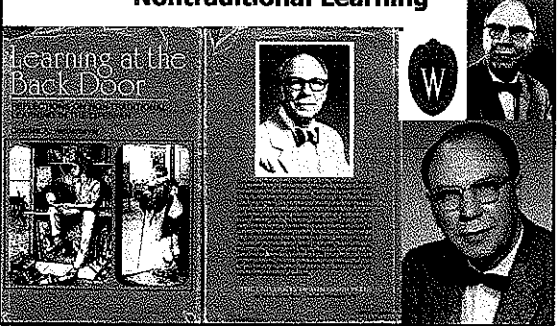
**Michael Perham & Zac Sunderland,
Summer 2009** (each age 17, youngest person to sail
solo around the world..and blog on it, use Skype, YouTube,
take videos, post pictures)




**David Thomas, Archeologist, La Trobe
University, Australia (Discovery News)**




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



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!!!


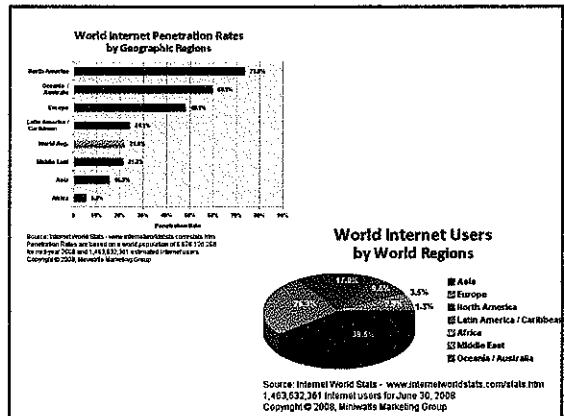



Triple Learning Technology




Convergence of "WE-ALL-LEARN"


1. **Pipes:** The availability of tools and infrastructure for learning.
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.



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!!!

Shakespeare as an E-Book

The screenshot shows a digital library interface. At the top, it says "Shakespeare as an E-Book". Below that, there's a navigation bar with "Home" and "About". The main content area is titled "William Shakespeare" and "The Complete Library Works of William Shakespeare". It features a list of contents on the left, a central text area with a portrait of Shakespeare, and a "Check book content" button. The page is from "The Complete Shakespeare" by The Folio Society.

E-books: 4 choices (Paperback, Kindle, iPhone, or iPod listening)

The screenshot shows a page titled "Reading Dickens Four Ways" with the subtitle "How 'Bleak House' came in multiple text formats". It illustrates four different ways to read a book: a printed paperback, a Kindle e-reader, an iPhone displaying the text, and an iPod with a listening icon. The page is from "Reading Dickens Four Ways" by eScribe.

Free Online Books

(Terry Anderson and Fathi Elloumi, eds. *Theory and Practice of Online Learning*; Canada: Athabasca University, 2004), http://cde.athabasca.ca/online_book/, 55,000 downloads in first year)

The screenshot shows a website for "Theory and Practice of Online Learning". It features a central image of a man in a suit, likely one of the editors. The page includes a navigation menu, a search bar, and a section titled "eSchool News" with a sub-headline "California considers open digital textbooks". The website is from Athabasca University.

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

The screenshot shows a page for "An International Episode" by Henry James. It displays a digital version of the book's cover and a snippet of the text. The page is from "The Project Gutenberg eBook of An International Episode, by Henry James".

Opener #2. E-Learning and Blended Learning

The screenshot shows a presentation slide titled "Opener #2. E-Learning and Blended Learning". It features a central image of a man speaking, with a "YouTube" logo and a "More in the Classroom" section. The slide is from "The Learning World is Open" and includes logos for "OPRAH.COM" and "OPRAH'S Book Club".

Capella Tower

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

The image shows a photograph of the Capella Tower building in Minneapolis. The building is a tall, modern skyscraper with a distinctive curved facade. The text above the image identifies it as "Capella Tower" at "225 South Sixth Street, Minneapolis" and notes it was "Formerly, the 'Halo'".

Total and Online Enrollment in Postsecondary Institutions Fall 2002 through Fall 2006

For Degree-Seeking Students

	Total Enrollment	Annual Growth Rate Total Enrollment	Students Taking at Least One Online Course	Annual Growth Rate Online Enrollment	Online Enrollment as Percent of Total Enrollment
Fall 2002	15,611,710	NA	1,532,970	NA	9.7%
Fall 2003	16,900,479	7.7%	1,371,247	23.0%	11.7%
Fall 2004	17,273,043	2.2%	2,320,783	16.2%	12.6%
Fall 2005	17,428,530	0.7%	3,180,050	26.3%	18.2%
Fall 2006	17,647,720	1.3%	3,485,287	8.7%	19.8%

SOURCE: Online Review: Five Years of Growth in Online Learning (October 2007)

UIS Online & Blended Enrollment

Free and Open Courses

(Tom Reeves Evaluation Course at Georgia; David Wiley's Web 2.0 courses at BYU; Connectivism from George Siemens and Stephen Downes, 24 enrolled, 2,000+ sitting in)

A Grain of Rice: A Bloomington man's computer vocab game feeding the world

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

The Learning World is Open

Moodle (620,000 registered users in 204 countries speaking 78 languages, 2/10/2009)

Moodle sites

Total known sites

Registered validated sites	49,179
Number of countries	204
Courses	3,396,668
Users	24,702,258
Teachers	1,485,790
Enrollees	21,401,660
Forum posts	25,712,861

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

The Learning World is Open

Open Educational Resources (OER) Post Courses in YouTube and iTunes (e.g., Berkeley)

The image shows a screenshot of the Berkeley website, highlighting various educational resources and course listings. The text 'Open Educational Resources (OER) Post Courses in YouTube and iTunes (e.g., Berkeley)' is prominently displayed at the top.

OpenCourseWare (OCW) Cute Kitten or Transformation?

The image is a collage featuring the MIT OpenCourseWare logo, the Open Yale logo, and a photograph of a kitten. The text 'OpenCourseWare (OCW) Cute Kitten or Transformation?' is at the top.

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

The Biggest OCW Localization Volunteer Group in the World

The image shows a group photo of several people, likely the volunteers mentioned in the text, and the OOPS logo. The text 'Opensource Opencourseware Prototype System (OOPS) funded by Lucifer Chu, Chairman and Janitor of OOPS, Taipei)' is at the top.

Sample OpenCourseWare Projects (Tufts, Johns Hopkins)

The image displays two screenshots of OpenCourseWare project pages. The top one is for 'Tufts OpenCourseWare' and the bottom one is for 'Johns Hopkins OpenCourseWare'. The text 'Sample OpenCourseWare Projects (Tufts, Johns Hopkins)' is at the top.

Indian Institutes of Technology (IIT)

The image shows a YouTube video player displaying a lecture from an Indian Institute of Technology. The text 'Indian Institutes of Technology (IIT)' is at the top.

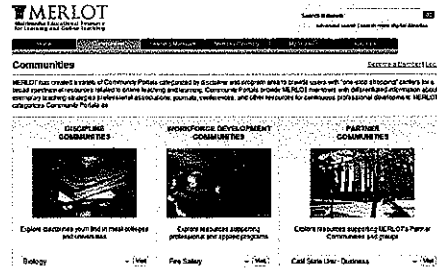
National Repository for Online Courses (NROC) Commons

The image is a screenshot of the National Repository for Online Courses (NROC) Commons website. The text 'National Repository for Online Courses (NROC) Commons' is at the top.

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



Referatory: MERLOT.org
 (74,500 members, 21,300 learning materials, October 6, 2009)

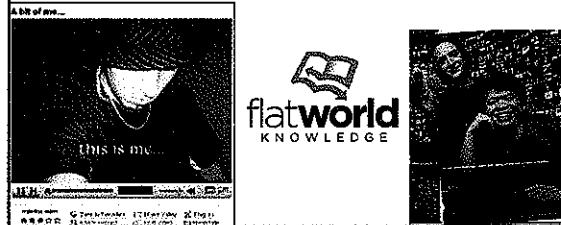


Connexions Growth
 January 2009

>8,000 modules (3-5 pages)
 >425 collections (books and courses)
 multiple languages
 engineering, computer science,
 nanotech, physics, statistics, math,
 history, music, bio-diversity, botany,
 bio-info, IP, BRIT, UNESCO, UN, Sigma
 Xi, ...
 from authors worldwide



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



Wikis: Wikipedia and Wikibooks

WIKIPEDIA
 English: The Free Encyclopedia (2,443,337 articles)
 Deutsch: Die freie Enzyklopädie (111,527 articles)
 Français: L'encyclopédie libre (1,023,077 articles)
 日本語: フリー百科事典 (113,347 articles)
 Nederlands: De vrije encyclopedie (128,521 articles)
 Español: La enciclopedia libre (1,171,001 artículos)
 Polski: Włona Encyklopedia (112,531 artykuł)
 Italiano: L'enciclopedia libera (1,112,000 articoli)
 Português: A wikipédia livre (111,288 artigos)
 Pycckий: Свободная энциклопедия (112,531 статья)

Shared Online Video (e.g., YouTube and the Royal Channel)



TV Lesson (How-to lessons from experts: 1,000's of instructional videos and articles; <http://www.tvlesson.com/>)

The screenshot shows the TV Lesson website interface. At the top, there's a navigation bar with 'Home', 'About Us', 'Contact Us', and 'Help'. Below that, a main content area features a large video player showing a woman speaking. To the left of the video, there are several small thumbnail images representing different lesson topics. To the right, there's a sidebar with 'Related Videos' and 'Popular Categories'.

Link TV and Fora TV

This block contains a collage of video thumbnails. The top left thumbnail is titled 'Transforming the System: An Interview with Michelle Rhee' and shows a woman in a dark setting. The top right thumbnail is titled 'Online Special Ed Degree' and shows a person in a classroom. Other thumbnails show various educational and social scenes.

dotSUB (subtitling video)

The screenshot shows the dotSUB website. The main content area features a video player with a cartoon illustration of two people talking. A speech bubble from one of the characters says 'What are you doing?'. Below the video, there are several buttons and options for subtitle management, including 'Add to my favorites', 'Download subtitles', and 'Share this video'.

Participatory E-Books

This block contains a collage of e-book covers and interactive content. The most prominent cover is 'THE FUTURE OF THE INTERNET AND HOW TO STOP IT' by Jonathan Zittrain. Other covers include 'The Wealth of Networks' and 'NEW SKILLS FOR A NEW AGE'. The collage also includes various icons and text elements related to digital learning and participation.

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

The screenshot shows the Scribd website. The main content area is titled 'Publish Yourself Online' and lists various document categories such as 'E-books', 'Whitepapers', 'Presentations', and 'Reports'. There are also sections for 'Hotlist' and 'Featured Documents'. The bottom of the page features a large image of two people standing in front of a Scribd logo.

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

This block contains a collage of e-books and digital content. The most prominent cover is 'edUTOPIA: The Collaboration Age' by Jonathan Zittrain. Other covers include 'Collaboration Generation' and 'NEW SKILLS FOR A NEW AGE'. The collage also includes various icons and text elements related to electronic collaboration and interaction.

Synchronous Conferencing Presentations



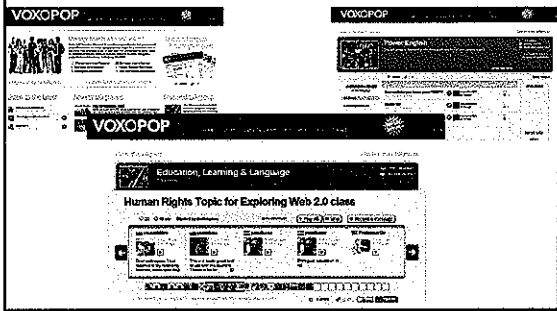
Iran after the June Election

<http://www.cnn.com/video/#/video/world/2009/06/17/amanpour.uk.covering.iran.cnn>



Voxopop (audio threaded conversations)

<http://www.voxopop.com/>



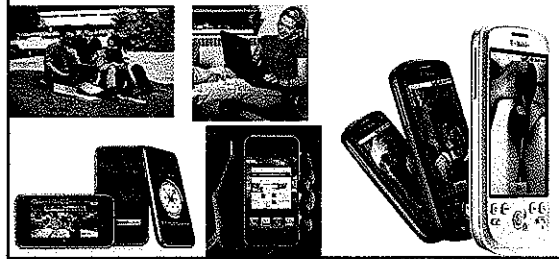
Opener #8. Alternate Reality Learning (Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life)



Second Life (business, law, education, English, medicine)



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



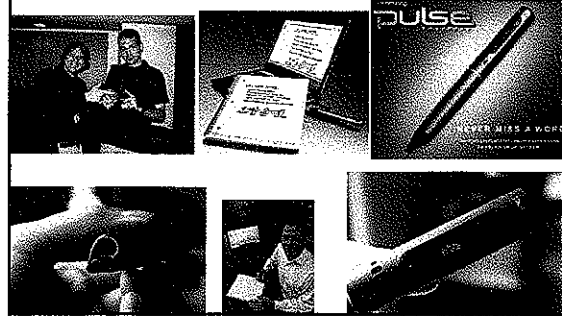
We Are Going Mobile!

40,000 new mobile subscribers a week in Rwanda; Rwanda Newtimes report, January 2009
Africa is the continent with the fastest growth, International Telecommunications Union (ITU), March 2009

India: In January, 2009, the number sky rocketed to 15.4M
 Globally: 60,000 new mobile subscriptions every hour!!!

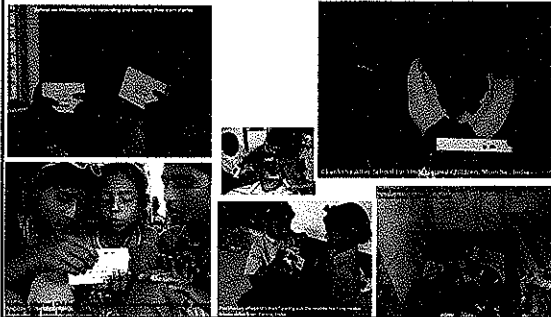
(per Paul Kim, Stanford, 2009); Nokia Research Lab
http://news.yahoo.com/s/afp/20090305/bs_afp/india_economy_telecom

Terabyte thumb Drives and Magic Pens! (The Pulse from Livescribe, \$129-\$169)



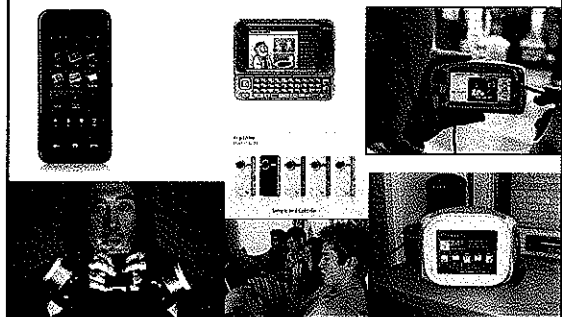
Mobile Learning in India with Paul Kim

<http://www.stanford.edu/~pdkim/curt/India.pdf>

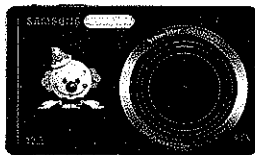


Mobile Learning

(April 21, 2009, USA Today)



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



September 30, 2009
 the Samsung DualView TL225



Facebook: The New Classroom Commons?, Chronicle of HE, Harriet L. Schwartz, Sept. 28, 2009



■ SOCIAL NETWORKING

Top social networking sites
 Total unique visitors in August (from 6 to the week, 6/29/09)

Facebook.com	92.2 million
MySpace site	64.2 million
Tumblr.com	20.8 million
Diigo.com	17.8 million
Classmate.com sites	11.9 million
Schway's Partners portal kit	11.1 million
Avia.com sites	11.4 million
Windows Live People	10.3 million

Growth of social networking sites

* Social networking site share (as a percentage of total internet audience)



Podcast Shows (subscribe to ShakespeareCast.com)

Big Contact Feed Player - Windows
<http://www.bigcontact.com/play>
 Shakespeare
 HH4 - By Indirections Find Directors Of
 HH3 - Your Father Lost a Father
 HH2 - A Documentary In Madness
 Hamlet's Head #001
 Intermission
 R&J Act 3 Scene 1
 Romeo and Juliet - Act 2
 MSND Act 1 Scene 2
 R&J Act 2 Scene 6
 R&J Act 2 Scene 5
 R&J Act 2 Scene 4
 R&J Act 2 Scene 3
 R&J Act 2 Scene 2

Learning Towns are Popping up!

Learning Towns website screenshots showing various educational resources and community features.

ChinesePod, ItalianPod, SpanishPod, FrenchPod, and EnglishPod

Collage of various language learning website screenshots including ChinesePod, ItalianPod, SpanishPod, FrenchPod, and EnglishPod.

Livemocha (29 languages, 160 hours of lessons, over 2 million users, FREE!)

Livemocha
 "A powerful opportunity for people around the world to connect with language partners"
 Social Language Learning - Online!
 Language Learning on Livemocha
 Livemocha is the world's largest language learning community with over 2 million members! Designed for all language goals and skill levels, Livemocha offers free
 Livemocha Challenge
 Learning a new language? Take the Livemocha Challenge and test your foreign language skills!

Predictions

1. Five Billion "Have-Nots" Have at It!
2. Emergence of Lifelong Super E-Mentors/Coaches
3. Quarter-Century Learning Clubs
4. Terabyte Learning Access Points
5. The Veneration 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 Amalgamations
15. Alexandrian Aristoties



Slides at: TrainingShare.com
 Papers: PublicationShare.com
 Book: <http://worldisopen.com/>
 The World is Open.
 What happens then?

WE ALL LEARN!!!