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 (e.g., Mozilla, Apache, Wikipedia, Linux, MySQL)
5. Outsourcing (e.g., China, Mexico, Thailand)
6. Offshoring (e.g., UPS fixing Toshiba laptops)
7. Supply-Chaining (e.g., Walmart)
8. In-ourcing (e.g., Google, Yahoo!, MSN Web Search)
9. The Stanoids: Digital, Mobile, Personal, and Virtual (wired, file sharing, VoIP, video camera in phone)

Where are you headed?

Do you know the shape of the world?

Is the World Flat?

Is the World Curved?
David Thomas, Archeologist, La Trobe University, Australia (Discovery News)

- Perhaps those learning online are akin to the alien archaeologists in the 2008 movie, *Indiana Jones and the King of the Crystal Skull*. We are seeking the knowledge nuggets of our planetary past and present. As Indy said, “Their treasure wasn’t gold, it was knowledge. Knowledge was their treasure.” If that is true for us as well, then today pretty much all the world’s known treasures can be found online.
Audience Participation!

1. WE
2. ALL
3. LEARN!!!
Tablet May Help E-Textbook Market, Publishers Hope
Chronicle of HE, Jeffrey Young
January 31, 2010

Guests play with Apple's new iPad at an event announcing its debut in San Francisco. At least one college is considering giving iPads to new students, but the jury on whether the device will revolutionize learning will be out for a while.

Free Online Books
(Terry Anderson and Fathi El-Emam, eds. Theory and Practice of Online Learning; Canada: Athabasca University. 2004; http://cdl.athabascau.ca/online_book/, 25,000 downloads in first year)

Opener #2. E-Learning and Blended Learning

Letter from Bill Gates about online learning (January, 2010)
https://www.gatesfoundation.org/2/en-us/what-we-fund/education-learning/online-learning

Indiana University High School
(4,000 students and 1,400 enrolled in diploma programs)
Opener #3. Availability of Open Source and Free Software (e.g., Linux, Apache, Moodle, Sakai)

Moodle (32+ million registered users in 208 countries, 3+ million courses, 2/6/2010)

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

Open Teaching
(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)

Open Educational Resources (OER)
Post Courses in YouTube and iTunes (e.g., Berkeley)
OpenSource OpenCourseware Prototype System (OOPS) funded by the Foundation of Fantasy, Lucifer Chu, Chairman and Janitor of OOPS, Taipei

Sample OpenCourseWare Projects (Tufts, Johns Hopkins)

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

Peer2Peer University and University of the People (free!)

Naveen Paharia is behind Peer2Peer University, Fast Company, September 2008.
How Web-Savvy Edupunks Are Transforming American Higher Education

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

Link TV, Academic Earth, TV Lesson, and FoRa TV
Tracking Live Internet Thawing: A Colossal of an Idea

Ida (a transitional species) 47-Million-Year-Old Darwinius Masillae Fossil the Missing Link? (wowOwow, May 20, 2009)

The Complete Works of Charles Darwin

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)

The Royal Society 350th anniversary celebrations puts historic papers online (Captain Cook, Sir Isaac Newton and Benjamin Franklin), BBC, Nov 30, 2009


http://chronicle.com/BriefPoint/Human-Brain-Dissected-Today-12/2009/11/05/today-chronicle-education-commentary-

THE CHRONICLE

at Higher Education
Sharing Repositories and Referatories
NERLOT.org: 78,472 members, 21,590 lang materials, Jan 3, 2010
Connections: Dec 2009, 1.6m unique users, 4 million page views,
72 million hits, More than 1m users, 200 countries
National Repository of Online Course, OER Commons

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

Wikis: Wikipedia and Wikibooks

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

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

Individual Produced Videos
(e.g., African School Dream in Current TV)
http://current.com/items/77146082_african_school_dream
Opener #8. Alternate Reality Learning (Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life)


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

Social Networking Gaming (e.g., Farmville) For social networks, it's game on, USA Today, Jon Swartz, Thursday October 15, 2009

Mobile Learning (April 21, 2009, USA Today)
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: 50,000 new mobile subscriptions every hour!!

(per Paul Kim, Stanford, 2009); Nokia Research Lab
http://www.pstu.umn.edu/its/200901/tn_city/readerconnection.html

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TwitterPeek, WikiReader not worth the loot, USA Today, Edward Baig, November 5, 2009

TwitterPeek: Restricted to Twitter.
WikiReader: Updating can be a pain.

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

September 30, 2009
the Samsung DualView TL225

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Podcast Shows
(subscribe to ShakespeareCast.com)

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

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Teaching With Twitter

Chronicle of ME, Jeffrey Young, November 22, 2009

Augusto Cuesta, a professor of consumer sciences and retailing at Purdue University, has integrated Twitter into the lecture hall, even though the service lets students engage in back-channel discussions. The questions submitted via instant messaging for the professor and guest speakers are projected for all the students to see.

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

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 Aristotics

This book is an attempt to reveal a wide range of learning options in front of you while also offering you a framework to make sense of them. As the Grail Knight said in the 1989 movie, Indiana Jones and the Last Crusade, "choose wisely." If you do, WE-ALL-LEARN. The world is now open to you!

Slides at: TrainingShare.com
Papers: PublicationShare.com
Book: http://worldisopen.com/

WE ALL LEARN!!!