Question:
What is the Web?
- An entertainment system?
- A writing aid?
- A communications system?
- A means to handle commercial transaction?
- A social networking device?

No, it is a learning tool!

Answer:
The Web of Learning

The Web of Learning

Today we have the Web 2.0

We are entering a jumping off point...
I'm an Armchair Indiana Jones...

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, Kimura Saito, age 75, oldest solo sailor)

Perhaps people learning online are akin
to the alien archaeologists in the 2008
movie, Indiana Jones and the Kingdom of
the Crystal Skull; Indy said, "Their
treasure wasn't gold, it was knowledge.
Knowledge was their treasure."

Charles Wedemeyer, University
of Wisconsin

Some Educational and Psychological Heroes:
John Dewey, Seymour Papert, John Seely
Brown, Ivan Illich, Stephen Heppell, Henry
Jenkins

Our New Heroes are not
Theoretical or Psychological
WE-ALL-LEARN: Ten Forces that Opened the Learning World

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

Audience Participation!

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

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

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

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

Week after holidays, e-book sales outdo print. USA Today, January 5, 2011, Bob Minzshelmer and Carol Memmott

April 10, 2010: Seton Hill University, 2,100 students an iPad and freshmen a 13-inch MacBook laptop. August 10, 2010, Can college students learn as well on iPads, e-books?, USA Today, Beth Marklein

USA TODAY, June 7, 2010

Does iPad have the magic to bring people together?

Opener #2. E-Learning and Blended Learning

E-LEARNING

Adora Svitak, age 13, World’s Youngest Teacher

Indiana University High School
(4,000 students and 1,400 enrolled in diploma programs)

Those Who Need Remediation
NBC Special, March 11, 2011

http://www.cnn.com/id/211385401/
Moodle (61+ million users (1,060,000 registered) in 211 countries, 54,000 sites, 4.4+ million courses, April 27, 2011)

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

Sample OpenCourseWare Projects (Tufts, Johns Hopkins)

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

National Repository for Online Courses (NROC) Commons

Opener #5. Online Learning Object Repositories and Portals (shared content)
College 2.0: More Professors Could Share Lectures Online. But Should They?, Chronicle of HE, Jeffrey R. Young, March 7, 2010

"The introduction of video into almost every aspect of our learning and work tasks is profound and "disrupting." As designers, we must experiment with these formats—looking for evidence and appropriate use cases and examples of when not to use video." (Video blogs, Webinars, Webcasts, keynotes, etc., Elliott Masie, Learning Trends, March 2, 2010)

How about rich video portals?
Most of the Websites below did not exist 5 or 10 years ago.
1. BBC News Video and Audio
2. CNN.com Video
3. MSNBC.com
4. Google Video, Yahoo Video
5. Current TV
6. Fora TV
7. MIT World
8. YouTube, YouTube Edu
9. TeacherTube
10. Link TV, Explore, Global Pulse, Latin Pulse
11. Howcast, Big Think, WonderhowTo, ExploTV, NASA TV, ClipChef, TV Lesson, BookTV, Edutopia videos, MonkeySee, doFlick, the Research Channel, iVidsong

More Shared Online Video: TED, Academic Earth, TV Lesson, and Fora TV

Tracking Live Internet Thawing: A Colossal of an Idea

The Complete Works of Charles Darwin
(Great Hugos, Great Fire, Charles Dickens, Erasmus Darwin, Mary Wollstonecraft Shelley, Robert Browning, John Stuart Mill, Ralph Waldo Emerson, Elizabeth Barrett Browning, and Alfred Tennyson)

Sharing Repositories and Referatories
MERLOT.org: 94,000 members, 28,040 learning materials, April, 2011
ConnectEd: 2.2m unique users, 17,500 modules, 4 million page views, 100 million hits, >1m users, 200 countries, Jan, 2011
Curriki: Free K-12 contents.
National Repository of Online Course, Jorum, OER Commons, etc.
Acquisition Knowledge Management System

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

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)

"Video Primers in an Online Repository for e-Teaching and Learning" V-PORTAL, TravelinEdMan (27 free/open YouTube videos), October 2010
http://www.youtube.com/user/TravelinEdMan

Individual Produced Videos
(e.g., African School Dream in Current TV)
http://current.com/items/77146082_african_school_dream
Participatory E-Books

Scribd: Documents on Web
(http://www.scribd.com; 50 million unique visitors per month, 10's of millions of documents, April 2010)

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

Synchronous Conferencing Presentations

April 6, 2011: Eric Whitacre: A virtual choir 2,000 voices strong
http://www.youtube.com/watch?v=695WDDCw34o
Opener #8. Alternate Reality Learning (Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life)

Dr. Monica Rankin's class, UT Dallas, Cuban Revolution (April/May 2011)
http://www.youtube.com/watch?v=ocQMH3kP096

Massive Multiplayer Online Games (MMOGs)

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

15m people/month India
40,000/week Rwanda
60,000 earthinglings/hour

We Are Going Global Mobile!
(Paul Kim, 2010)
http://chronicle.com/dotdash/iPads-for-College-Professors/128288/today-0/today-commentary_medium-rem

At Pepperdine U. Timothy Lucas, an assistant professor of mathematics, shows a class how to use iPads for calculus. Linda Johnson, an assistant professor of biology at Chatham U., for her plant-physiology

June 9, 2010
TwitterPeek: Restricted to Twitter.
WikiReader: Updating can be a pain.

Opener #10. Networks of Personalized Learning (Blogs, Podcasts, MySpace, Flickr, and RSS)
The Samsung DualView TL225

Continuous Learning (May 2011)
624,854 FY10 Graduates 21% Increase over FY09 (515,581)

Social Learning Unleashed
Chief Learning Officer, April 2010
Driving greater collaboration: With 17,000 internal blogs and 53,000 employees on Social Blue, IBM's version of Facebook, and 500,000 participants in the company crowdsourcing jams, IBM’s social media usage has become big business. As of 2008, IBM’s jams identified 10 incubator businesses with the potential of reaching $100 million.

Zite (Personalized Online News and Magazine on iPad)
http://www.zite.com/ (March 9, 2011, USA Today)
Teaching With Twitter
Chronicle of HE, Jeffrey Young, November 22, 2009
Sugata Mitra, a professor of computer science and technology at Porto Rico University, has welcomed Twitter into the Kasten hall, even though the students engage in backchannel discussions. The questions submitted via RoofCrafter for the professor and guest speakers are projected for all students to see.

The Language Learning Explosion
(e.g., Livemocha, ChinesePod, Babbel, Winxtra, English Central, Kantaik, etc.)

Predictions
1. Five Billion “Have-Hols” Have a Fit!
2. Emergence of Lifelong Super E-Mentors/Coaches
3. Quarter-Century Learning Clubs
4. Terabytes of 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 Aristotles

Decisions for this Open Ed World?
- Technology and Admin Folks:
  - What do to about OER, open sources, E-books, mobile, etc.?
- Instructor decisions:
  - Act as Concierge, Counselor, Course facilitator, Credit manager?
- Student decisions:
  - Should I attend traditional university or create your own degree path?
  - How to report use of OER on resumes?

Slides at: TrainingShare.com
Papers: PublicationShare.com
Book: http://worldisopen.com/
The World is Open.
What happens then?
WE
ALL
LEARN!!!