"Stretching the Edges of Technology-Enhanced Training: From Tinkering to Tottering to Totally Extreme Learning"

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Tinkering, Tottering, or Totally Extreme?

Think 10 Years back: Shovelware

August 9, 2010, Bill Gates Predicts Technology Will Make ‘Place-Based’ Colleges Less Important in 5 Years, By Jeff Young, Chronicle of HE


"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
Mobile Entertainment Systems, April 10, 2010: Seton Hill University, 2,100 students an iPad and freshmen a 13-inch MacBook laptop.

The Web of Learning

Tinkering

July 23, 2010
India unveils $35 computer for students, CNN World, Harmeet Shah Singh

Tinker #1. Reading from Open Access Journals (e.g., PLOS)
Tinker #7. Collaborative Groups
(Google Docs, Ning, Google Groups, MSN Groups, Yahoo Groups)

Tinker #8. Track Life of a Scientist or Famous People (e.g., Brian J Ford, independent scientist)
http://www.youtube.com/user/brianjford1

Tinker #9. Online Portals of Rich Data
United Nations Open World Digital Library, Turning the Pages from the British Library, etc. (history, culture, literature, writing, art, etc.)

Tinker #10. Online Experiments (e.g., psychology)

Tinker #11. Open Ed Resources & OpenCourseWare (e.g., MIT OpenCourseWare)

Tinker #12. Educational Simulations
Tinker #13. Online Role Play
(e.g., Tulane University, Exercise for Renewable Energy, Freeman Sch. of Business, roles include power traders and utility dispatchers, etc.)

Tinker #14. Podcast Reflections

Tinker #15. Expert and Domain Specific Blog Reflections
(English, Health, Business, etc. blogs)

May 24, 2010
Author Nicholas Carr, The Web Shatters Focus, Rewires Brains, Wired
http://www.wired.com/magazine/2010/05/ff_nicholas_carr/

August 5, 2010
Remaking the College Campus, Bridget McCrea, Campus Technology
http://www.campus-technology.com/
Totter #1. Digital Textbooks
(What South Korean Schoolchildren Can Teach
Colleges About E-Textbooks; Jeff Young, Chronicle of
HE. Korea E-Learning Week, Coex, Seoul, Sept. 16-17,
2010.)

Yonsel University Library, Seoul, Korea

Totter #2. Bridges to World of
Expert and Practitioners (e.g., Watch or
Listen to Online Conferences, Expert blogs, chats,
interviews)

Totter #3. Famous Expert Via TED
(shared online video), Fast Company, Anya
Kamenetz, September 1, 2010

Chris Anderson: "The entrepreneur
bought TED in 2001. "It felt like
something you could devote your life
to," he says

Totter #4. Real World Problems
(PBL online): Real-time Cases

Totter #5. Class Synchronous
Sessions and Archives (Breeze/Adobe Connect
Pro, Illuminate, WebEx, Dim Dim)
Totter #6. Global Class Videoconferencing

Totter #7. Synchronous and Asynchronous Events (e.g., Breeze + Video + Online Forum + Online Papers)

Totter #8. Online Language Learning and Conversations (e.g., PalTalk, iTalki, Palabea, Babbel)

Totter #9. Course Announcements (e.g., Teaching with Twitter; Course announcements and following people (e.g., microblogging))

Totter #10. Wikibooks, Wikipedia editing, wiki syllabi, wiki glossaries (Ron Owston, York University, Toronto)

Totter #11. Student YouTube Products
https://www.youtube.com/watch?v=swEl790pg
http://www.youtube.com/watch?v=rPl4Py4R_L
http://www.youtube.com/watch?v=eDI1awp36PQ
Totter #12. Podcast Productions and Virtual Performances for students of pronunciation class (e.g., Tzu-Su Chen, Taiwan)

Totter #13. Video Blogging

Totter #14. YouTube as Class

Totter #15. Learn Anytime, Always On/Mobile. Will Technology Kill the Academic Calendar?

Totally Extreme Learning

Totally Extreme #1. Free Online Degrees

iSMART: Integration of Science, Mathematics, and Reflective Teaching (iSMART), University of Houston

Robert Johnson, who championed the open-format Learn Anytime program at a two-year college in Louisville, Ky. (above) checks students’ e-mail while waiting for a flight. “Everything I need to do today, I can do on my phone,” says Robert Johnson, who led the self-paced Learn Anytime program at Jefferson Community & Technical College, in Louisville, Ky. He often grades papers and communicates with students from a café near his home.
Totally Extreme #2. Live Science
(e.g., Human brain dissections, colossal squids discovered and investigated)

Totally Extreme #3. Immediate Science
Ida (a transitional species) 47-Million-Year-Old Fossil
the Missing Link? (May 20, 2009)

Totally Extreme #4. Live Expeditions
(Oceanographer touts deep sea web surfing; Nautilus Live
allows people to watch expeditions live & listen to
scientists in control rooms as discoveries made, eSchool
News, June 2010, Deep-sea images reveal colorful life on
ocean's floor, Sept. 2010))

Totally Extreme #5. Adventure Learning,
GeoThentic, GoNorth (National Geographic) (Aaron Doering, Univ of Minnesota)

Adventure Learning (cars and bikes)
Dan Grec and Mark Beaumont

Totally Extreme #6. Armchair Archeology
UCLA Summer Digs Program
Totally Extreme #13. Pocket School and Videoconferencing in Developing World
(Paul Kim, Stanford, Rwanda, August 2010. Kigali Institute of Education linking up with universities in India and Cameroon through satellite internet video conferencing system. They were discussing Java programming.)

Totally Extreme #13. Second Life
(business, law, education, English, medicine)

Totally Extreme #15. Telepresence and Teleportec Systems (e.g., Cisco and HP)

Poll #1: How many ideas did you get?
1. 0 if I am lucky.
2. Just 1.
3. 2, yes, 2...just 2!
4. Do I hear 3? 3!!!!
5. 4-5.
6. 5-10.

Any Extreme Questions and Comments?
Note: Bonk papers and talks at:
Slides at: TrainingShare.com
Papers: PublicationShare.com
Book: http://worldisopen.com/