

Adding Motivation to Online and Blended Courses and Activities with the TEC-VARIETY Model

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1728: 1st correspondence course advertised Boston (learn shorthand from Caleb Phillips thru weekly mailed lessons)

The First University Correspondence Course (University of London, External Program, 1858)

1728-1990s – Generally postal system based

1930s – phonograph and radio

1950s and 1960s – television

1970s and 1980s – VHS tapes

1980s and 1990s – DVD



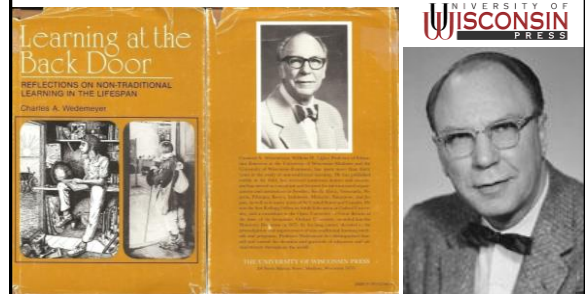
Charles Wedemeyer Quote #1:

"It should be immaterial whether one has learned at the front door or the back door of the Palace of Learning. What one has learned—not where, or how, in what sequence, at what institution, or in what period of time—is the only criterion of supreme importance."
 (Charles Wedemeyer, 1981, p. 216)



Took Correspondence & TV Courses

(thanks to Bob Clasen and Charles Wedemeyer, the University of Wisconsin)



Fall 2014, On Wisconsin MOOC, Meet MORC (Massive Open Radio Course)

WHA, UW Madison, College of the Air, 1933, Vocational Training dedicated to Agriculture, and later Home Economics and Typing



MOOC, Meet MORC

September 5, 1980

SSU Journal (Sangamon State University) Side-Band Radio Courses

The television course Japan: The Changing Tradition will be broadcast Sundays at 6 p.m. on WILL-TV Channel 12 beginning Sept. 7. Materials for the course were prepared with the assistance of Edwin O. Reischauer, former U.S. ambassador to Japan. Nina Adams, assistant professor of history and an Asian scholar, will work with students in Springfield and Decatur. Several on-campus meetings are required.

Three side-band radio courses are also scheduled for the Fall Semester. Broadcast through the studios of WSSR, SSU's public radio station, the courses can be heard only on special receivers, provided at registration, which are capable of picking up the radio frequency used to deliver the courses over the air.

Perspectives on Aging — an overview of the disciplines related to the field of aging — will be taught by associate professor of gerontology Gari Lenicoff-Caravaglia. Four on-campus meetings are scheduled.

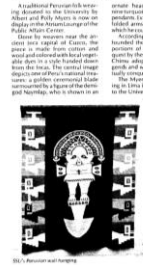
The Changing Symphony explores the changing style of the symphony.

First On-Campus Housing Dedicated

June 5, 1981 SSU Journal (Sangamon State University) Side-Band Radio Courses



Folk weaving on display



Freedom is subject of sideband course

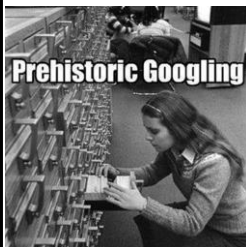
Sangamon State University's first sideband radio course will be taught by James McCarty, visiting professor of political science, the following fall. The course will be titled "Freedom and the Sideband" and will focus on the history of the sideband radio and its use in the 1960s and 1970s.

May 10, 2013 10 ed-tech tools of the 70s, 80s, and 90s eSchool News, Meris Stansbury

<http://www.eschoolnews.com/2013/05/10/10-ed-tech-tools-of-the-70s-80s-and-90s/print/>



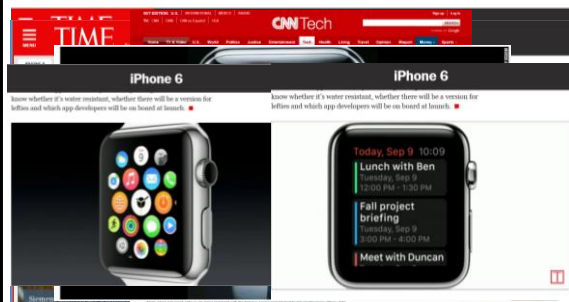
Part I. Learning is Changing New Technologies = New Delivery Methods...



I. Learning is More Technology-Based



September 9, 2014 I. Learning is More Technology-Based



II. Learning is More Mobile August 5, 2014 Timex enters smartwatch category. No phone needed, Edward C. Baig, USA Today,

<http://www.usatoday.com/story/tech/columnist/baig/2014/08/05/timex-enters-smartwatch-category-no-phone-needed/13597331/>



Audience Poll #1:

- I. Who remembers what they were doing on 911?
- II. Who remembers what they were doing on April 4, 2001?



III. Learning is More Open June 12, 2014

Open access publisher brings scholarship to developing world

David Matthews, Times Higher Education

<http://www.timeshighereducation.co.uk/news/open-access-publisher-brings-scholarship-to-developing-world/2013633.article>

New mobile app helps a Cambridge press offer free digital monographs even to those without computers



SOURCE: GETTY
Newer versions: books can now be read on almost any mobile phone.

June 16, 2014

Metra Mehran is a college student in Political Science and Public Administration in Afghanistan.
Afghanistan Student Keynote, by Elliott Masie
Learning 2014, October 26-29, 2014

<http://www.learning2014.com/blog/item/afghanistan-student>



VI. Learning is More Flipped August 1, 2014

Get schools out of the 1890s, Newt Gingrich, CNN

http://www.cnn.com/2014/08/01/opinion/gingrich-schools-blended-teaching-technology/index.html?hpt=hp_13



VII. Learning is More Video-Based July 2014

FlipforLearning: <http://www.flipforlearning.com/>
uTutor.me: <http://www.ututor.me/>

Free Flip Teaching Software. Free for Districts, Schools, and their Students. Built by Flip Teachers for Flip Teachers.



September 22, 2014 110 Foot Engagement, Elliott Masie's Learning 2014

<http://www.learning2014.com/index.php/item/110-foot-screen-engagement.html>



VIII. Learning is More Competency-Based July 31, 2014

Hire Education: Mastery, Modularization, and the Workforce Revolution, Michelle R. Weise and Clayton M. Christensen, The Christensen Institute
<http://www.christenseninstitute.org/publications/hire/>



College, on Your Own: Competency-based education can help motivated students. But critics say it's no panacea
Dan Berrett, The Chronicle of Higher Ed, July 14, 2014
<http://chronicle.com/article/College-On-Your-Own/1476597>

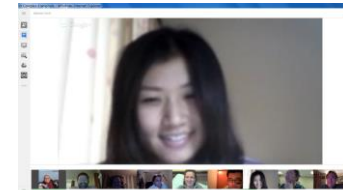
Nichele Pollock, a student in Northern Arizona U.'s competency-based bachelor's-degree program, takes a Spanish exam online.



IX. Learning also is More Collaborative May 16, 2014



Global Ed-Tech Disruption From Poland: Crowdsourced Homework



X. Learning is More Modifiable

Inside Look: Learning Spaces, Meeting classroom teaching and collaboration expectations, University Business, Feb. 22, 2013
<http://www.universitybusiness.com/article/inside-look-learning-spaces>



XI. Learning is More Comfortable

Design for Students, with Students, "Hub Central", the \$42 million University of Adelaide learning hub opened in October 2011, May 8, 2012, Mike Roberts
<http://designbuildsource.com.au/design-for-students-with-students>



XII. Learning is More Ubiquitous

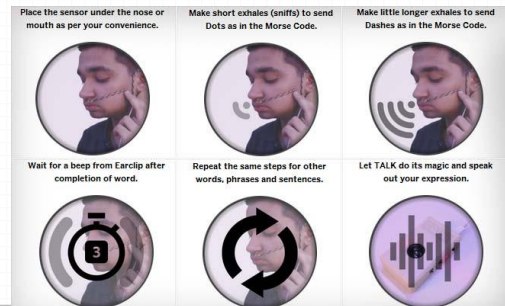
Flexible displays bend what's possible for computers, Jon Swartz, USA Today (May 4, 2012)



September 16, 2014

Panipat Teen Develops Device to Convert Breath Into Words, NDTV

<http://www.ndtv.com/article/offbeat/panipat-teen-develops-device-to-convert-breath-into-words-5911997?lite=classic>



XIII. Learning is More Instantaneous April 9, 2013

HER Computer fashions face social test: Can wearable computers fit in? Scott Martin, USA Today
<http://www.usatoday.com/story/tech/2013/04/09/her-computer-fashions-face-social-test/2657591/>
(i.e., magnify moles or injuries, see vital signs, live stream surgeries, access previous PT sessions, access research and drug info, etc.)
<http://www.fiercomobilehealthcare.com/story/georgia-glasses-could-have-strong-potential-healthcare-use/2013-03-18>



IVX. Learning is More On Demand May 5, 2014

Mobile MOOCs: New platform challenges conventional MOOCs
eCampus News (<https://coursmos.com/>)
<http://www.ecampusnews.com/blog/mos/mos-platform-challenges-conventional-moocs/print>



XV. Learning is More Personal August 5, 2014

OpenStax Aims To Bring Free Digital Textbooks to High Schools, David Nagel, THE Journal
<http://thejournal.com/articles/2014/08/05/openstax-aims-to-bring-free-digital-textbooks-to-high-schools.aspx>



XVI. Learning is More Global August 1, 2014

Can You Really Teach a MOOC in a Refugee Camp?, Chronicle of Higher Education, Steve Kolowich
http://chronicle.com/blogs/wiredcampus/can-you-really-teach-a-mooc-in-a-refugee-camp/54191?cid=at&utm_source=at&utm_medium=en



Two men living in Dadaab, a refugee camp in Kenya, would watch lecture videos and take online quizzes at a nearby United Nations compound. (InZone)

January 2014 XVII. Learning is More Online Grade Change: Tracking Online Education in the United States, 2013, The Sloan Consortium, I. Elaine Allen & Jeff Seaman, 2013 Survey of Online Learning Report and 2014 data from Indiana University <http://sloanconsortium.org/publications/survey/grade-change-2013> Direct connect: <http://www.onlinelearningurvey.com/reports/gradechange.pdf>



June 15, 2014

Starbucks offers workers 2 years of free college, CNN Money, Gregory Wallace (from Arizona State online programs)
http://money.cnn.com/2014/06/15/news/economy/starbucks-schultz-education/index.html?hpt=hp_12

Starbucks offers workers 2 years of free college

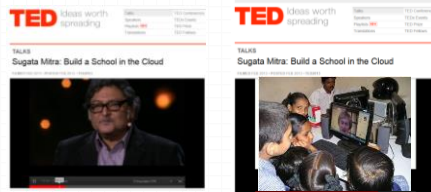
By Gregory Wallace | Updated on June 15, 2014 9:13 PM EDT



XVIII. Learning is More Self-Directed February 2013, TED Talks

(Build a School in the Cloud; Self-Organized Learning Environments (SOLEs), TED Talk from Sugata Mitra

http://www.ted.com/talks/sugata_mitra_build_a_school_in_the_cloud.html



XIX. Learning is More Adventurous

Aaron Doering, Chasing Seals, TEDx

<http://chasingseals.com/>



Speaking for Change and Humanity

From the Arctic to Africa, Aaron Doering shares the story of how he believes technology, education, and adventure can change how we deliver education throughout the world.

XX. Learning is More Massive Sample Course: Open Knowledge: Changing the Global Course of Learning September 2, 2014 to December 12, 2014, Stanford

<https://class.stanford.edu/courses/Education/OpenKnowledge/Fall2014/about#>
Softcover (\$30): http://www.parlorpress.com/invasion_of_the_moocs
Free (PDF): http://www.parlorpress.com/pdf/invasion_of_the_moocs.pdf



Things are heating up!

<http://routledge-ny.com/books/details/9781138807419/>



MOOCs and Open Education Around the Word

By Bonk, Lee, Reeves, & Reynolds

MOOCs and Open Education Around the World

<http://routledge-ny.com/books/details/9781138807419/>



Let's Review: Learning is Changing...

(i.e., it's more informal, video-based, ubiquitous, collaborative, self-directed, global, mobile, open, massive, etc.)



Frank Basile, an aircraft technician, took an MITx course on circuits and electronics to increase his knowledge.



Joe Alfonso, a financial adviser from Oregon, is taking the online finance course as a "refresher."

Audience Poll #2: Are we going crazy yet? Any questions?

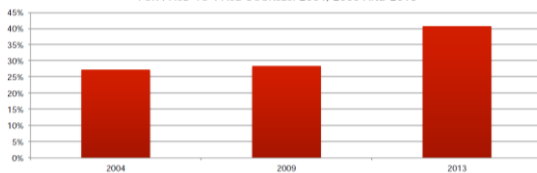


New Instructor Roles (Concierge, Curator, Counselor, etc.)

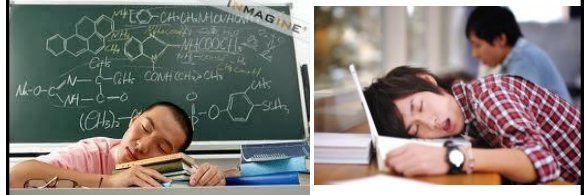


January 2014 Grade Change: Tracking Online Education in the United States, 2013, The Sloan Consortium, I. Elaine Allen & Jeff Seaman, 2013 Survey of Online Learning Report <http://sloanconsortium.org/publications/survey/grade-change-2013> Direct connect: <http://www.onlinelearningurvey.com/reports/gradechange.pdf>

RETAINING STUDENTS IS A GREATER PROBLEM FOR ONLINE COURSES THAN IT IS
FOR FACE-TO-FACE COURSES: 2004, 2009 AND 2013



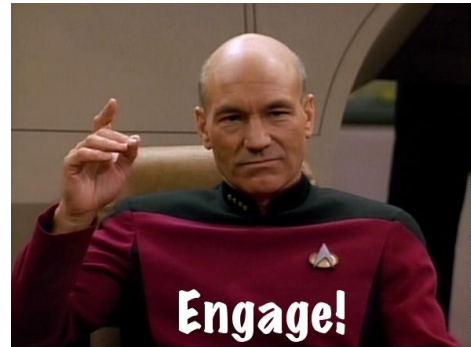
Motivation and Engagement



What did Jean-Luc Picard say?



That's right, Engage!



How do we engage online?



What was it that he said?



Audience Poll #3: What does engagement look like?

NASA's spacey Google+ Hangout

<http://cosmiclog.nbcnews.com/news/2013/02/22/17057588-nasas-spacey-google-hangout/>



Motivation Research Highlights (Jere Brophy, Michigan State University)

1. **Supportive**, appropriate **challenge**, **meaningful**, moderation/optimal.
2. Teach **goal setting** and self-reinforcement.
3. Offer **rewards** for good/improved performance.
4. Novelty, **variety**, **choice**, adaptable to interests.
5. Game-like, **fun**, fantasy, curiosity, suspense, active.
6. Higher levels, divergence, dissonance, **peer interaction**.
7. Allow to create finished **products**.
8. Provide immediate **feedback**, advance organizers.
9. Show intensity, **enthusiasm**, interest, minimize anxiety.
10. Make content **personal**, concrete, familiar.



June 13, 2014

Learning should be joyful,

Heather Stacker, Blog Post, Clayton Christensen Institute

<http://www.christenseninstitute.org/learning-should-be-joyful/>



Intrinsic Motivation

"...innate propensity to engage one's interests and exercise one's capabilities, and, in doing so, to seek out and master optimal challenges

(i.e., it emerges from needs, inner strivings, and personal curiosity for growth)

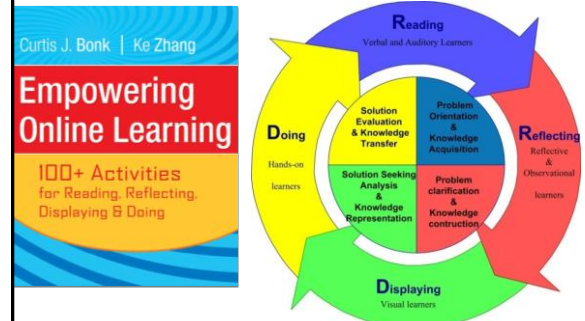
See: Deci, E. L., & Ryan, R. M. (1985). *Intrinsic motivation and self-determination in human behavior*. NY: Plenum Press.



Audience Poll #4: How can technology address diverse learner needs? (and how can we engage the borg?)



Framework: The R2D2 Model

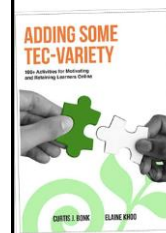


Framework: TEC-VARIETY for Online Motivation and Retention (May 2014)

1. **Tone/Climate:** Psych Safety, Comfort, Belonging
2. **Encouragement, Feedback:** Responsiveness, Praise, Supports
3. **Curiosity:** Surprise, Intrigue, Unknowns
- ...
4. **Variety:** Novelty, Fun, Fantasy
5. **Autonomy:** Choice, Control, Flexibility, Opportunities
6. **Relevance:** Meaningful, Authentic, Interesting
7. **Interactive:** Collaborative, Team-Based, Community
8. **Engagement:** Effort, Involvement, Investment
9. **Tension:** Challenge, Dissonance, Controversy
10. **Yields Products:** Goal Driven, Purposeful Vision, Ownership

Introducing the "TEC-VARIETY book..."

<http://tec-variety.com/>



What motivates?

1. **Tone/Climate:** Psychological Safety, Comfort, Sense of Belonging
2. **Encouragement:** Feedback, Responsiveness, Praise, Supports
3. **Curiosity:** Surprise, Intrigue, Unknowns
4. **Variety:** Novelty, Fun, Fantasy
5. **Autonomy:** Choice, Control, Flexibility, Opportunities
6. **Relevance:** Meaningful, Authentic, Interesting
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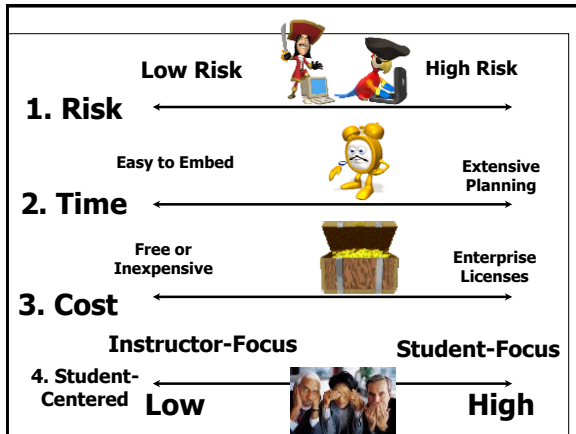
Every Chapter is Free in TEC-VARIETY...

<http://tec-variety.com/freestuff.php>



Examples of TEC-VARIETY





1. Tone/Climate: A. Video Introductions, e.g., Flipgrid
<http://flipgrid.com/#429f88c5>

1. Tone/Climate: B. Share Visuals of Favorite Places
 (e.g., Panoramio, <http://www.panoramio.com/>)

2. Encouragement, Feedback, etc.: A. Voice Feedback
 Vocaroo; <http://vocaroo.com/>
<http://vocaroo.com/i/s0QRtmhJ27MK> (UIS)

2. Encouragement, Feedback, etc.: B. Blog and Website Polling
 (e.g., Poll Everywhere, BlogPolls, BlogPoll, MicroPoll)
<http://www.pollerywhere.com/>

May 29, 2014

2. Encouragement, Feedback, etc.: C. Demonstrations and Tutorials,
 Emerging technology specialist, IU UIS, Nitocris Perez
<http://inside.iub.edu/features/videos/2014-05-29-inub-vid-cib.shtml>

3. Curiosity, Fun:

A. Something in the News

New 'massive' dinosaur skeleton discovered, USA Today, September 5, 2014 (Dreadnoughtus)

<http://www.usatoday.com/story/tech/2014/09/04/dinosaur-skeleton-discovered/15031893/>



3. Curiosity, Fun:

B. Something in the News

(e.g., Fauja Singh, 101, finishes last race, February 24, 2013)

http://espn.go.com/sports/endurance/story/_/id/8979487/fauja-singh-101-caps-career-10k-hong-kong

Fauja Singh, 101, finishes last race



3. Curiosity, Fun:

C. Online Quiz Games

Jeopardy Labs

<https://jeopardylabs.com/play/ganttpardy>

I've Got Your Back	The Secret C's	They Got Skills and They Know It	'We Are the World'	Notion League
1000	1000	1000	1000	1000
2000	2000	2000	2000	2000
3000	3000	3000	3000	3000
4000	4000	4000	4000	4000

Team 1

3. Curiosity, Fun:

D. Tracking the Life of a Scientist

(e.g., Brian J. Ford, independent scientist)

<http://www.youtube.com/user/tellymonitor#p/a/u/1/LhGeApsKjar>

<http://www.labnews.co.uk/news/prehistoric-revolution/>

LaboratoryNews

A PREHISTORIC REVOLUTION



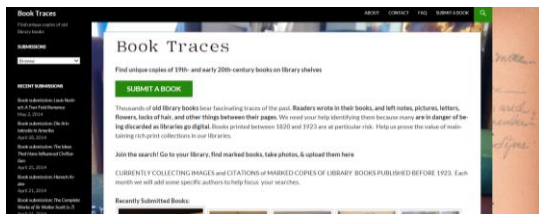
3. Curiosity, Fun:

E. Historical Document Analyses

e.g., Book Traces

Find unique copies of 19th- and early 20th-century books on library shelves

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



3. Curiosity, Fun:

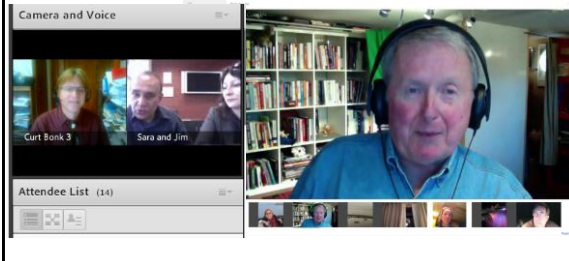
F. Cultural Blogs (e.g., Dr. Kim Foreman, San

Fran State Univ, Come and See Africa Blog;

<http://comeandseeafrica.blogspot.com/>

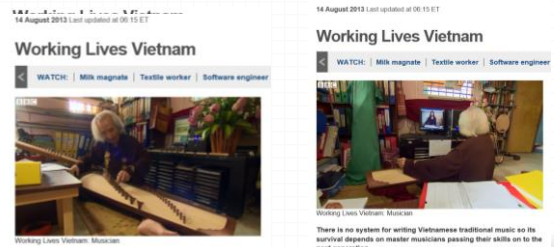


4. Variety, Novelty, Fun: A. External Guests (e.g., Jay Cross, Internet Time Group)



4. Variety, Novelty, Fun: B. External Guests

Working Lives Vietnam, August 14, 2013, BBC News Asia
Even though he is now very elderly Vinh Bao (age 96) still teaches music, using his computer to coach pupils across the globe.
<http://www.bbc.com/news/world-asia-23497559>



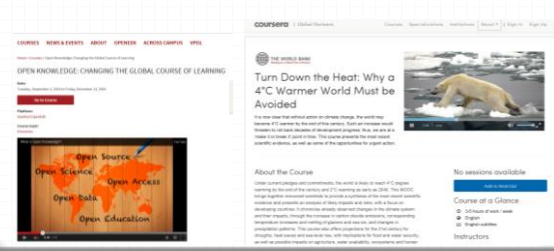
5. Autonomy, Choice: C. Design Multimedia Glossaries

Ozgur Ozdemir, December 2012
<http://r685glossary.shutterfly.com/>
Umida Khikmatillaeva, Dec. 2011, P540
<http://learningplanet.shutterfly.com/>



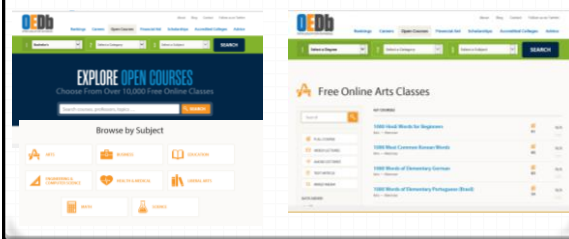
5. Autonomy, Choice:

D. Enroll in a MOOC and Reflect
Open Knowledge: Changing the Global Course of Learning
September 2, 2014 to December 12, 2014, Stanford
<https://class.stanford.edu/courses/Education/OpenKnowledge/Fall2014/about#>



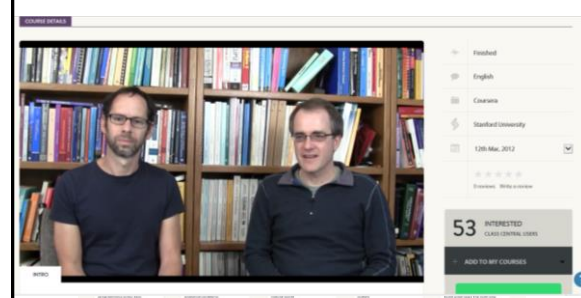
June 17, 2014 5. Autonomy, Choice: E. Open Education Database Class Central

<https://www.class-central.com/>
<http://oedb.org/open/>

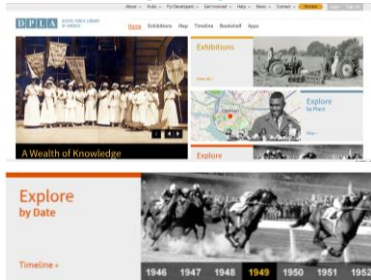


5. Autonomy, Choice: F. Class Central

<https://www.class-central.com/>
<http://oedb.org/open/>



5. Autonomy, Choice:
G. Visual Library Search
Digital Public Library of America
<http://dp.la/>



5. Autonomy, Choice:
H. Attend Webinar (pick weeks and reflect)
 Cathy Davidson, The End of Higher Education
<http://connectedcourses.net/thecourse/why-we-need-a-why/>



5. Autonomy, Choice:
I. Online Learning Object Repositories
and Portals (shared content)
April 23, 2014

Shakespeare's Dictionary? Skepticism Abounds,
Chronicle of Higher Education, Jennifer Howard
<http://shakespearedictionary.connected.edu/chronicle>



Audience Poll #5:
Whu had light bulb going off in
your heads so far...? If so, were?

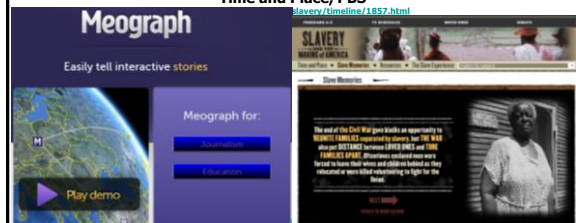


6. Relevance, Meaningfulness:
A. Case-Based Learning: Instructor Cases
(e.g., Mark Braun, IU)



6. Relevance, Meaningfulness:
B. Collect and Listen to Interactive
Stories

(e.g., Meograph: <http://www.meograph.com/>)
Timelines with Oral Histories, Slavery and the Making of America
Time and Place, PBS



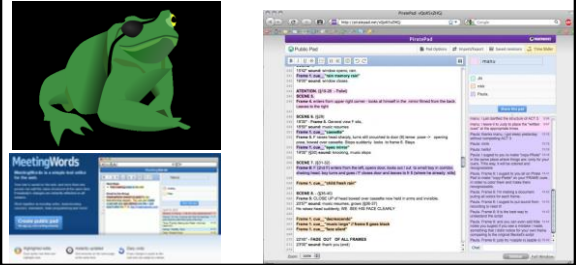
7. Interactive, Collaborative:

A. Collaboration and Discussion in Google Hangouts, Jabber, Skype, etc (January 29 and February 25, 2013)



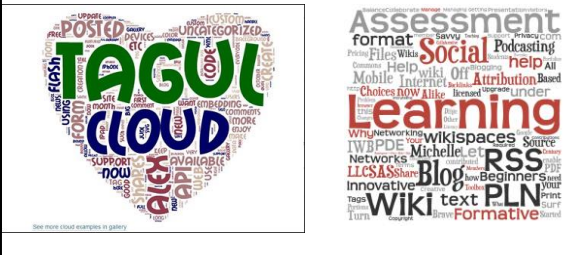
7. Interactive, Collaborative:
B. Negotiate Meanings Online
 (e.g., PiratePad: <http://meetingwords.com/>)

MeetingWords is a simple text editor for the web.
Your text is saved on the web, and more than one person can edit the same document at the same time. Everybody's changes are instantly reflected on all screens. Work together on meeting notes, brainstorming sessions, homework, team programming and more!



7. Interactive, Collaborative:
C. Virtualize Words Used
 (e.g., Wordle, Tagzedo, Tagul, WordSift, Word It Out)

<http://shellyterrell.com/2010/02/14/12-word-cloud-resources-tips-tools/>



8. Engagement, Effort:

A. Student Generated Timelines, (e.g., Dipity, Simile, Xtimeline, Timeglider, Meograph) (e.g., Raymond Chandler, The Big Sleep, Kate Hurd)

<http://hurdisuranceagency.com/thebigsleep/>



8. Engagement, Effort:

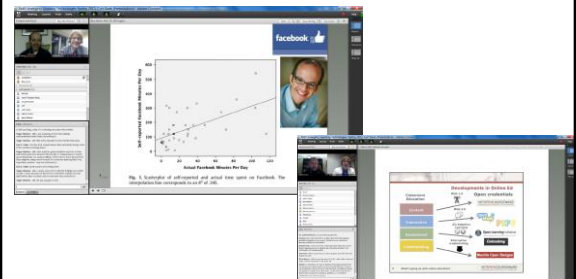
B. Virtual Timelines from News Media

(How Facebook changed our lives, Marco della Cava, USA Today, February 3, 2014)

<http://www.usatoday.com/story/tech/2014/02/02/facebook-turns-10-cultural-impact/5063979/>
<http://www.usatoday.com/tech/news/story/2011-09-22/steve-jobs-dies/50672498/1>
<http://www.usatoday.com/news/destinations/story/2011-08-25/Martin-Luther-King-Jr-Memorial-in-Washington-A-closer-look/50136470?sc=34new>
<http://www.usatoday.com/story/life/movies/2013/04/10/harrison-ford-jackie-robinson/2001783/>



8. Engagement, Effort: C. Guest Speaker Quotes (Rey Junco, February 25, 2013)



8. Engagement, Effort:

D. Big Issue Reflections

(Big Questions Online (BQO)), May 27, 2014
(e.g., What makes us generous? What is the difference between knowledge and understanding?)

The screenshot shows the BQO website interface with several discussion topics and user avatars. Topics include "What Makes Us Generous?", "What is the Difference Between Knowledge and Understanding?", "What Are the Implications of the Free Will Debate for Individuals and Society?", and "How Can We Teach Gratitude Early in Life?". Each topic has a brief description and a "Discuss" button.

8. Engagement, Effort:

E. Interpreting Infographics

Millennials Will Soon Rule The World: But How Will They Lead,
Forbes, September 12, 2014, Josh Bersin
<http://www.forbes.com/sites/joshbersin/2014/09/12/millennials-will-soon-rule-the-world-but-how-will-they-lead/>

Millennials Turn Leadership On Its Head



8. Engagement, Effort:

E2. Interpreting Infographics

Syllabus as Infographic!, Sept. 2014

Dr. Erin McLaughlin, U of Notre Dame

<https://remix.nd.edu/?q=node/165>

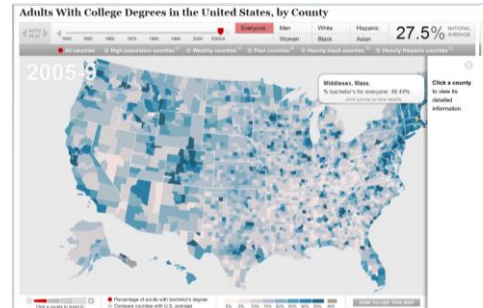


8. Engagement, Effort:

F. Interactive Map Timelines

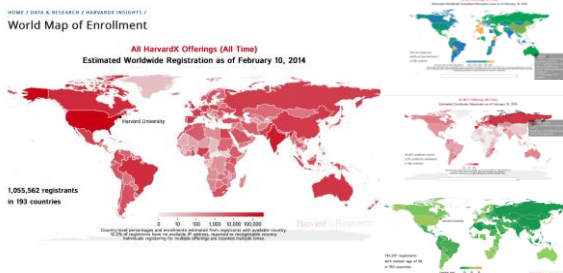
(adults with college degrees by county, May 7, 2012)

http://todaycampus.com/article/Keith_Hamilton_interviews_Josh_Kelzer_on_interactive_graphics_for_higher_education



8. Engagement, Effort:

G. Data Visualization Tools (Harvard and MIT MOOCs) Lawrence Biemiller, February 20, 2014, Chronicle of Higher Education
<http://chronicle.com/article/Harvard-and-mit-release-educational-data-for-use-of-mooc-dec-2013-1019646>

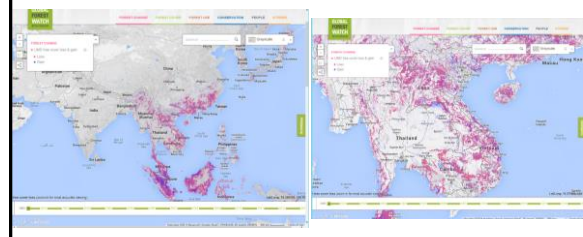


8. Engagement, Effort:

H. Map Trend Interpretations

e.g., Global Forest Watch (April 2014)

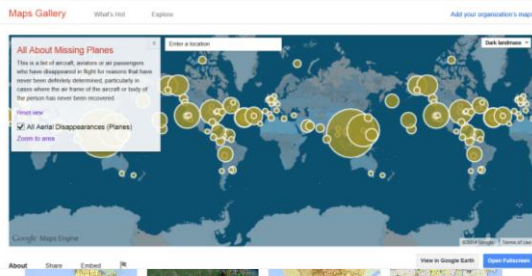
<http://www.globalforestwatch.org/map/3/-5.72/27.00/ALL/grayscale/loss/596>



8. Engagement, Effort: I. Google Map Gallery

September 16, 2014

<http://maps.google.com/gallery/>



8. Engagement, Effort: J. Medical Simulations and Practice Cases

The School of Medicine, University of Virginia

http://uvamagazine.org/articles/adjusting_the_prescription/



The newly expanded Medical Simulation Center lets medical trainees practice skills and case scenarios in clinical settings that mimic actual situations. Outside the operating room, a technology specialist manipulates vital signs on a patient simulator and controls the cameras recording the session.

8. Engagement, Effort: K. Interactive Multimedia E-Books

'Dubliners' Comes to Life in Boston College's Annotated E-Book, Avi Wolfman-Arent, The Chronicle of Higher Education, June 10, 2014

<http://digitaldubliners.com/>

<http://joyceways.com/>

- Using Apple's **iBooks Author** software, they infused the text with **critical analysis, multimedia annotations, and video commentary from Joyce scholars**. The result now lives on iTunes, where anyone, anywhere, can use it free. The e-book, according to its creators, contains about 300 images, more than 700 notes and explanations, and two dozen videos.



9. Tension, Challenge, etc.: A. Online Math Competitions

(i.e., Math March Madness, Greg Toppo, March 26, 2013, USA Today)

<http://www.star gazette.com/article/20130326/NEWS02/303260008/Fibonacci-Final-Four-Math-March-Madness-coming>

Fibonacci Final Four? Math March Madness coming



9. Tension, Challenge, etc.: B. Vocabulary Competitions

(e.g., Kids learning new words at warp speed, January 14, 2014, Greg Toppo (Georgia Scurletis, Dir of Curriculum Development, for Vocabulary.com (Thinkmap) presents a banner to Marc Williams, Brooklyn Technical High School)

[Vocabulary.com: http://www.vocabulary.com/](http://www.vocabulary.com/)



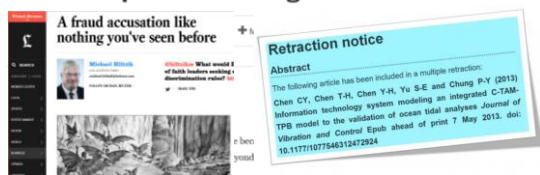
July 10, 2014

9. Tension, Challenge, etc.: C. Controversial Issue Debates Scholarly journal retracts 60 articles, smashes 'peer review ring', Fred Barbash, Washington Post

<http://www.washingtonpost.com/news/morning-mix/wp/2014/07/10/scholarly-journal-retracts-60-articles-smashes-peer-review-ring/>

Morning Mix

Scholarly journal retracts 60 articles, smashes 'peer review ring'



9. Tension, Challenge, etc.:
D. Cage Matches or Debates
 (with online audience topical suggestions)
Cage Match on MOOCs at SXSWedu 2013
 (Curt Bonk & Chuck Severance)

<http://chngpdx.com/https://www.youtube.com/watch?v=southwest-education-event-loudon-dj/ok-entrepreneur-and-educators/42777>
<https://soundcloud.com/sxswedu/cage-match-the-massive-open>

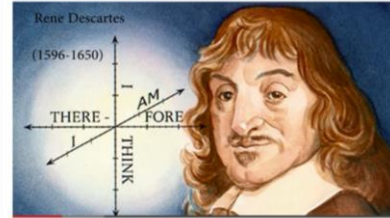


Bonk

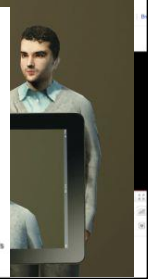
Severance

10. Yields Products, Goals:
A. Course Video Summaries and Multimedia Team
Assignments (April. 24, 2014)

Piercarlo Abate: <http://www.youtube.com/watch?v=-TURzh00aU>
 Qi Li, Gangnam: <http://www.youtube.com/watch?v=7Q429lpZaU8&feature=youtu.be>
 Miguel Lara (Web 2.0 FREEDOM): <http://www.youtube.com/watch?v=8cmCFW9IW8>



This video was made by Robert M. Demasi, a professor of psychology at Adams State, who took Mr. Ledonne's course on filmmaking and went on to make a series of videos to use in his own courses.



10. Yields Products, Goals:
B. Student Class Documentaries
Umida's R546 Documentary Project

http://www.youtube.com/watch?v=EMLTzqCV_5A



10. Yields Products, Goals:
C. Business Plans and Virtual
Mentoring toward Goals,
September 22, 2014, Chronicle of HE

September 22, 2014

Start Up, Slow Down

Under pressure to take an invention to market, MIT grad students must push their academic work aside.



Look's Perre and Rishabh Bhatnagar are PhD candidates at MIT working on a propulsion system for autonomous micro-robotics in space. They founded a company to commercialize their project, but the work has robbed time from their graduate studies.

By Paul Voium

Cambridge, Mass.

10. Yields Products, Goals:
D. Goal Setting Tools
 (e.g., I Done This, Milestone Planner, and 43 Things)

iDoneThis



43Things

Changing your life is hard.
 Doing it by yourself is harder.

Join over 3 million people who list their goals, share their progress, and cheer each other on.

Start listing your goals now...

Sign up

43 Things is the world's largest goal-setting community. People have used it to:

lose weight, learn a new language, travel the world, and more.

Join today and start achieving your goals.

10. Yields Products, Goals:
E. Uploading Mobile Books
 (e.g., BookRix, <http://www.bookrix.com/>)



Mobile Devices & Learning

How mobile devices are re-shaping the field of education

By Peter Holscher



10. Yields Products, Goals:

F. Student Mobile App Creation

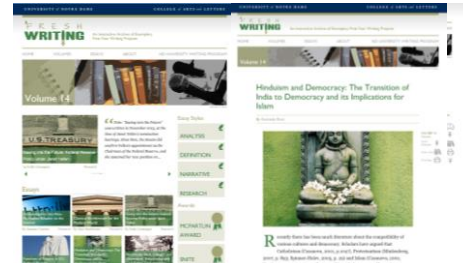
The App Builder: <http://www.theappbuilder.com/>
Mintian Guo (April 2013): <http://myapp.is/r685final>



10. Yields Products, Goals:

G. Fresh Writing, Interactive Archive of Exemplary First-Year Writing Projects

(University of Notre Dame, September 24, 2014)
<https://freshwriting.nd.edu/>



Commitments:

Stop and Share:

Which principle(s) of TEC-VARIETY will you use?

Tone/Climate

Encouragement, Feedback

Curiosity

Variety

Autonomy

Relevance

Interactive

Engagement

Tension

Yields Products



Poll #6: Which do you prefer... R2D2 or TEC-VARIETY?



What motivates?

1. Tone/Climate: Psychological Safety, Comfort, Sense of Belonging
2. Encouragement: Feedback, Responsiveness, Praise, Supports
3. Curiosity: Surprise, Intrigue, Unknown
4. Variety: Novelty, Fun, Fantasy
5. Autonomy: Choice, Control, Flexibility, Opportunities
6. Relevance: Meaningful, Authentic, Interesting
7. Interactivity: Collaborative, Team-Based, Community
8. Engagement: Effort, Involvement, Investment
9. Tension: Challenge, Dissonance, Controversy
10. Yielding Products: Goal Driven, Purposeful Vision, Ownership



I just Love It
when they
"make it so!"

February 20, 2013

Star Trek-like holodeck may be closer to reality than you think

Matt Hartley, Financial Post, Canada

http://business.financialpost.com/2013/02/20/star-trek-like-holodeck-may-be-closer-to-reality-than-you-think/?_la=054d-d58d

Star Trek-like holodeck may be closer to reality than you think

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News from Matt Hartley (@mhartley)



(Charles Wedemeyer, 1981, p. 219)



December 13, 2013

Former MIT president Charles M. Vest dies at 72
As the Institute's leader from 1990 to 2004, he sparked a period of dynamism.

Steve Bradt, MIT News Office

<http://web.mit.edu/newsoffice/2013/former-mit-president-charles-m-vest-dies-at-72-1213.html>



Time to Stop and Think:
Explore Websites from this Session!
Find the lieu...
Take a break...



Poll #7: Any Questions?

Try TEC-VARIETY...

Slides at: [TrainingShare.com](https://www.trainingshare.com)

Papers: [PublicationShare.com](https://www.PublicationShare.com)

Book: <http://tec-variety.com/>
Dr. Curt Bonk – CJBonk@Indiana.edu

