Taking Leadership in Mystery of MOOCs and the Mass Movement toward Open Education

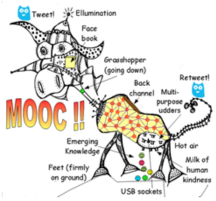
Curtis J. Bonk,
Professor, Indiana University
cjbonk@indiana.edu
http://mypage.iu.edu/~cjbonk/

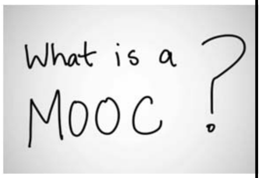
GONE
CRAZY
BE BACK SOON

Reflect on and share the recent MOOC news… (99 seconds)

Mystery of MOOCs:

Part I. A Funny Thing Happened…


Tweet!
Ellumination
Face book
Grasshopper (going down)
Retweet!
Back channel
Multi-purpose udders
MOOC !!
Emerging Knowledge
Hot air
Feet (firmly on ground)
Milk of human kindness
USB sockets


What is a MOOC?

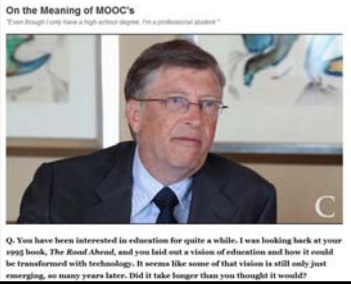
Gordon Lockhart, iBerry, http://iberry.com/
http://gbl55.wordpress.com/2011/03/08/cck11-man-this-mooc-is-something-else/

June 25, 2012

Massive Open Online Courses (MOOCS)

A Conversation With Bill Gates About the Future of Higher Education, Chronicle of HE, Jeffrey *R. Young*

http://chronicle.com/article/A-Conversation-With-Bill-Gates/132591/?cid=at&utm_source=at&utm_medium=en



On the Meaning of MOOC's

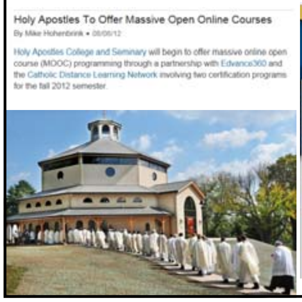
"Even though I only have a high-school degree, I'm a professional student."

Q. You have been interested in education for quite a while. I was looking back at your 1995 book, *The Road Ahead*, and you laid out a vision of education and how it could be transformed with technology. It seems like some of that vision is still only just emerging, so many years later. Did it take longer than you thought it would?

August 8, 2012

Holy Apostles To Offer Massive Open Online Courses, Cromwell, CT

http://campustechnology.com/articles/2012/08/08/holy-apostles-to-offer-massive-open-online-courses.aspx



Holy Apostles To Offer Massive Open Online Courses

By Mike Hohenbrink • 08/08/12

Holy Apostles College and Seminary will begin to offer massive online open course (MOOC) programming through a partnership with Edvance360 and the Catholic Distance Learning Network involving two certification programs for the fall 2012 semester.

Technology | Contact & Directions | About Us | News & Events | Pro-Life Activities | Mass Association | Support
Holy Apostles College & Seminary
Academics
Admissions
Bioethics Center
Campus Life
Distance Learning
The Seminary
The College

October 9, 2012

MOOCs and exercise bikes – more in common than you'd think, Robert Nelson and Phillip Dawson, The Conversation, Australia

http://theconversation.edu.au/moocs-and-exercise-bikes-more-in-common-than-youd-think-9726

THE CONVERSATION

Are you motivated or do you need a social setting and role models to keep you driven?

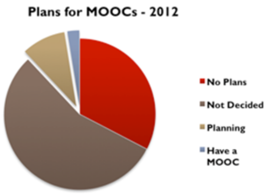
November 2, 2012
The Year of the MOOC, New York Times, Laura Pappano,

http://www.nytimes.com/2012/11/04/education/edlife/massive-open-online-courses-are-multiplying-at-a-rapid-pace.html?pagewanted=all

Clockwise, from top left: an online course in circuits and electronics with an M.I.T. professor (edX); statistics, Stanford (Udacity); machine learning, Stanford (Coursera); organic chemistry, University of Illinois, Urbana (Coursera).

January 8, 2013
Changing Course: Ten Years of Tracking Online Education in the United States, Elaine Allen and Jeff Seaman, Sloan-C & Babson Survey Research Group

http://www.pearsonlearningsolutions.com/assets/downloads/reports/changing-course-survey.pdf

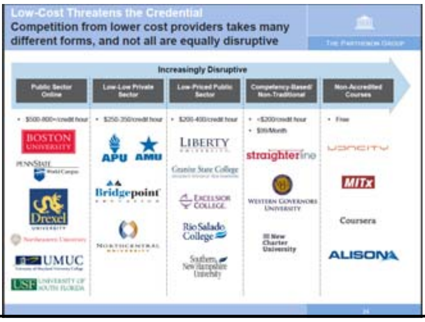


BABSON Survey Research Group

PEARSON

SLOAN-C

January 2013
Parthenon Perspectives: Finding Value in an Evolving Education Landscape (US) Parthenon Group



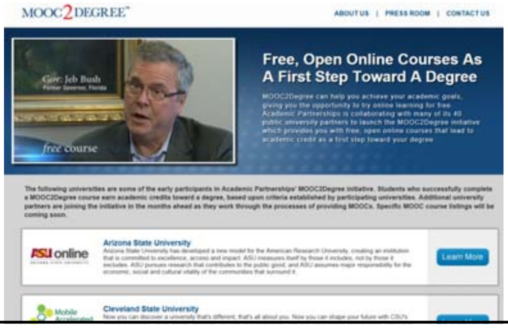
Low-Cost Threatens the Credential

Competition from lower cost providers takes many different forms, and not all are equally disruptive

The Parthenon Group
Increasingly Disruptive
Public Sector Online
Low-Low Private Sector
Low-Priced Public Sector
Competency-Based/ Non-Traditional
Non-Accredited Courses
$500-800+/credit hour
$250-350/credit hour
$200-400/credit hour
<$200/credit hour
$99/Month
Free
Boston University
PennState World Campus
Drexel University
Northeastern University
UMUC
USF University of South Florida
APU
AMU
Bridgepoint Education
Northcentral University
Liberty University
Granite State College
Excelsior College
Rio Salado College
Southern New Hampshire University
straighterline
Western Governors University
New Charter University
Udacity
MITx
Coursera
ALISON

January 23, 2013
Academic Partnerships Launches MOOC2Degree Initiative Free, Open Online Courses As A First Step Toward A Degree

http://www.mooc2degree.com/


MOOC2DEGREE™
ABOUT US | PRESS ROOM | CONTACT US
Gov. Jeb Bush
Former Governor, Florida
free course
Learn More

Free, Open Online Courses As A First Step Toward A Degree

MOOC2Degree can help you achieve your academic goals, giving you the opportunity to try online learning for free. Academic Partnerships is collaborating with many of its 40 public university partners to launch the MOOC2Degree initiative which provides you with free, open online courses that lead to academic credit as a first step toward your degree.

The following universities are some of the early participants in Academic Partnerships' MOOC2Degree initiative. Students who successfully complete a MOOC2Degree course earn academic credits toward a degree, based upon criteria established by participating universities. Additional university partners are joining the initiative in the months ahead as they work through the processes of providing MOOCs. Specific MOOC course listings will be coming soon.

ASU online

Arizona State University

Arizona State University has developed a new model for the American Research University, creating an institution that is committed to excellence, access and impact. ASU measures itself by those it includes, not by those it excludes. ASU pursues research that contributes to the public good, and ASU assumes major responsibility for the economic, social and cultural vitality of the communities that surround it.

Mobile Accelerated

Cleveland State University

Now you can discover a university that's different; that's all about you. Now you can shape your future with CSU's

---

Poll #1:
Have you participated in a MOOC before?

A. Yes

B. No

Mystery of MOOCs:
Part II. 20 MOOC Leadership Principles

MOOC Leadership Principle #1: Be First!

June 21, 2011 and August 2, 2011

Stanford U. Offers Free Online Course in Artificial Intelligence (over 160,000 enroll, 23,000 complete, and 238 perfect scores; http://www.ai-class.com/)

U. of Illinois at Springfield Offers New 'Massive Open Online Course'

By Marc Parry

What happens when you invite the whole world to join an online class?

Artificial Intelligence
You can join Stanford's AI class online, worldwide, this fall
Online Introduction to Artificial Intelligence

Stanford U. Offers Free Online Course in Artificial Intelligence

MOOC Leadership Principle #2: Offer Something Novel or Distinct

September 15, 2011, Stanford Engineering, Everywhere (SEE) http://see.stanford.edu/

View lecture videos, access reading lists & course handouts, take quizzes and tests, and communicate with other students.

STANFORD ENGINEERING
stanford engineering everywhere
what is stanford engineering everywhere?

MOOC Leadership Principle #3: Define Brand

The Floating University

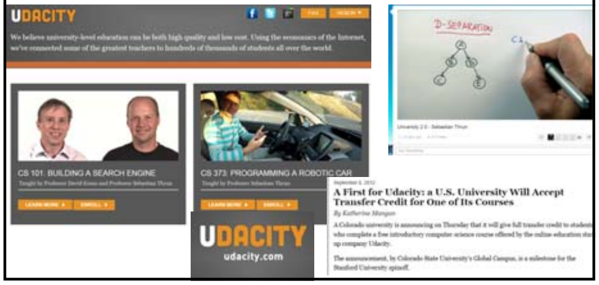
http://www.floatinguniversity.com/

What if the world's best thinkers all taught at the same school?
$39.99
Paul Bloom, Professor of Psychology, Yale University
What Compassion, Racism, and Sex Tell Us About Human Nature
$39.99
MICHIO KAKU, Professor of Physics, CUNY
The Universe in a Nutshell: The Physics of Everything

MOOC Leadership Principle #4: Take Risks

January 23, 2012, Udacity- Sebastian Thrun

http://www.udacity.com/


UDACITY
CS 101: BUILDING A SEARCH ENGINE
CS 373: PROGRAMMING A ROBOTIC CAR
UDACITY
udacity.com
University 2.0 - Sebastian Thrun

We believe university-level education can be both high quality and low cost. Using the economics of the Internet, we've connected some of the greatest teachers to hundreds of thousands of students all over the world.

A First for Udacity: a U.S. University Will Accept Transfer Credit for One of Its Courses

By Katherine Mangan

A Colorado university is announcing on Thursday that it will give full transfer credit to student who complete a free introductory computer science course offered by the online-education sta up company Udacity.

The announcement, by Colorado State University's Global Campus, is a milestone for the Stanford University spinoff.

MOOC Leadership Principle #5: Rethink Open Courses, Assessment, Certification, Students, etc.

February 15, 2012

Guess what! You just got into MIT!

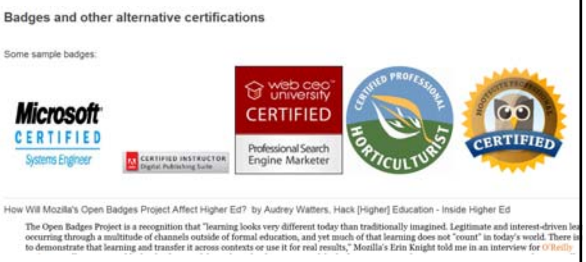
http://www.marketplace.org/shows/marketplace-tech-report

Marketplace
Guess what! You just got into MIT! Free ride! Kind of?
MITx
MIT's new online learning initiative
edX

February 16, 2012

Online Badges and Certifications from OER

https://sites.google.com/site/opencontinuinged/


Microsoft CERTIFIED Systems Engineer
CERTIFIED INSTRUCTOR Digital Publishing Suite
web ceo university CERTIFIED Professional Search Engine Marketer
CERTIFIED PROFESSIONAL HORTICULTURIST
CERTIFIED

Badges and other alternative certifications

Some sample badges:

How Will Mozilla's Open Badges Project Affect Higher Ed? by Audrey Watters, Hack [Higher] Education - Inside Higher Ed

The Open Badges Project is a recognition that "learning looks very different today than traditionally imagined. Legitimate and interest-driven lea occurring through a multitude of channels outside of formal education, and yet much of that learning does not "count" in today's world. There is to demonstrate that learning and transfer it across contexts or use it for real results," Mozilla's Erin Knight told me in an interview for O'Reilly

MOOC Leadership Principle #6: Inspire Your Team

TED Talk: Salman Khan

Stanford Graduate School of Business, February 21, 2011
http://www.youtube.com/watch?v=W-vj6BhQa5w
Let's use video to reinvent education, TED, March 2011
http://www.ted.com/talks/salman_khan_let_s_use_video_to_reinvent_education.html

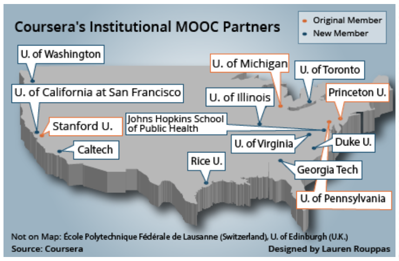
You Tube
Rethinking Learning with Salman Khan
1,641

TED Ideas worth spreading
Themes
Speakers
Talks
Translations
TALKS
Salman Khan: Let's use video to reinvent education
SALMANKHAN

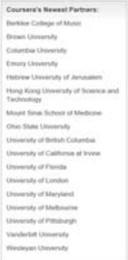
MOOC Leadership Principle #7: Form Symbiotic Partnerships

April 18 and Sept 19, 2012: Coursera

(https://www.coursera.org/)


Coursera's Institutional MOOC Partners
Original Member
New Member
U. of Washington
U. of Michigan
U. of Toronto
U. of California at San Francisco
U. of Illinois
Princeton U.
Stanford U.
Johns Hopkins School of Public Health
U. of Virginia
Duke U.
Caltech
Rice U.
Georgia Tech
U. of Pennsylvania

Not on Map: École Polytechnique Fédérale de Lausanne (Switzerland), U. of Edinburgh (U.K.)
Source: Coursera
Designed by Lauren Rouppas


Coursera's Newest Partners:
Berklee College of Music
Brown University
Columbia University
Emory University
Hebrew University of Jerusalem
Hong Kong University of Science and Technology
Mount Sinai School of Medicine
Ohio State University
University of British Columbia
University of California at Irvine
University of Florida
University of London
University of Maryland
University of Melbourne
University of Pittsburgh
Vanderbilt University
Wesleyan University

August 10, 2012

Coursera Hits 1 Million Students, With Udacity Close Behind, Jeffrey R. Young, Chronicle of Higher Ed

http://chronicle.com/blogs/wiredcampus/coursera-hits-1-million-students-with-udacity-close-behind/38801

Coursera said that it had students registered in 196 countries. The highest proportions are in the United States (38 percent), Brazil (6 percent), India (5 percent), and China (4 percent).

The breakdown is similar at Udacity, which says it has students in 203 countries, with the greatest numbers hailing from the United States (42 percent), India (7 percent), Britain (5 percent), and Germany (4 percent).

coursera

April 27, 2012

Introduction to Blackboard/CourseSites MOOC, With Dr. Curt Bonk: “Instructional Ideas and Technology Tools for Online Success” (4,039 now enrolled)

http://www.youtube.com/watch?v=rBNe8CUePTQ&feature=youtu.be

Empowering Learning
Through Community
Welcome to Instructional Ideas and Technology Tools for Online Success

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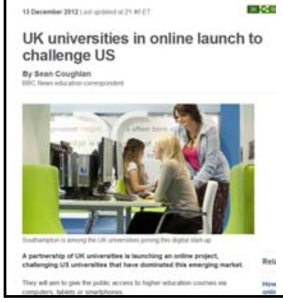
December 13, 2012

UK universities in online launch to challenge US, BBC News, Sean Coughlan

http://www.bbc.co.uk/news/education-20697392


13 December 2012 Last updated at 21:46 ET

UK universities in online launch to challenge US

By Sean Coughlan
BBC News education correspondent

Southampton is among the UK universities joining this digital start-up

A partnership of UK universities is launching an online project, challenging US universities that have dominated this emerging market.

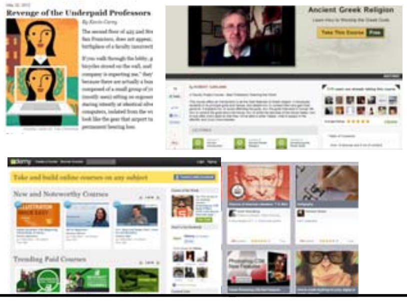
They will aim to give the public access to higher education courses via computers, tablets or smartphones

The Open University's Martin Bean says UK universities cannot "stick head in the sand"

MOOC Leadership Principle #8: Offer Incentives

May 20, 2012

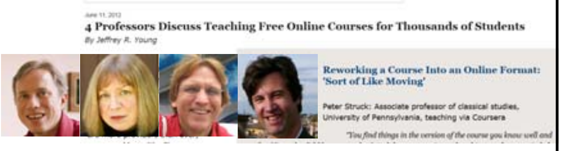
Udemy: http://www.udemy.com/


Revenge of the Underpaid Professors
Ancient Greek Religion
Take and build online courses on any subject
New and Noteworthy Courses
Trending Paid Courses

MOOC Leadership Principle #9: Collect Testimonials

June 11, 2012

http://chronicle.com/article/4-Professors-Discuss-Teaching/132125/



June 11, 2012

4 Professors Discuss Teaching Free Online Courses for Thousands of Students

By Jeffrey R. Young

Reworking a Course Into an Online Format: 'Sort of Like Moving'

Peter Struck: Associate professor of classical studies, University of Pennsylvania, teaching via Coursera

"You find things in the version of the course you know well and

---

October 1, 2012: MOOC Students

4 Massive Open Online Courses and How They Work, Ben Gose, Chronicle of HE

http://chronicle.com/blogs/techtherapy/2012/10/03/episode-99-what-wearable-computers-could-mean-for-campuses/

Krissa Swain, of Knoxville, Tenn., is taking "Operations Management" online to help develop her management skills.

October 1, 2012: MOOC Students

4 Massive Open Online Courses and How They Work, Ben Gose, Chronicle of HE

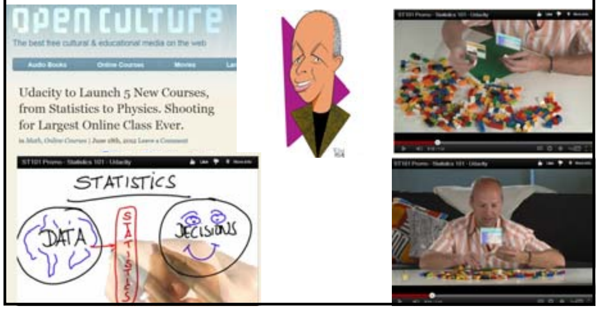
http://chronicle.com/blogs/techtherapy/2012/10/03/episode-99-what-wearable-computers-could-mean-for-campuses/

Rajeev Bajpai, an airline pilot based in Mumbai, took an online computer-science course to gain programming skills.

MOOC Leadership Principle #10: Set Bold (i.e., Audacious) Goals

June 18, 2012

http://www.openculture.com/2012/06/udacity_to_launch_5_new_classes.html



Open Culture

The best free cultural & educational media on the web

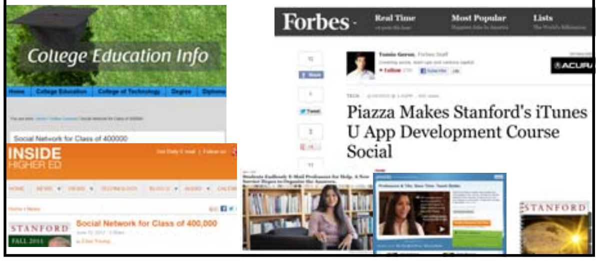
Udacity to Launch 5 New Courses, from Statistics to Physics. Shooting for Largest Online Class Ever.

Audio Books
Online Courses
Movies
ST101 Promo - Statistics 101 - Udacity
STATISTICS
DATA
STATISTICS
DECISIONS

MOOC Leadership Principle #11: Set Newsworthy Records

June 19, 2012

Piazza in Stanford Class of 400,000



College Education Info

Social Network for Class of 400000

Forbes

Piazza Makes Stanford's iTunes U App Development Course Social

INSIDE HIGHER ED

Social Network for Class of 400,000

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Most Popular
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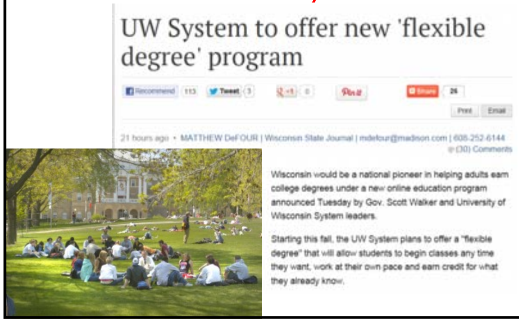
STANFORD

MOOC Leadership Principle #12: Create New Programs

June 19, 2012



UW System to offer new 'flexible degree' program

21 hours ago • MATTHEW DeFOUR | Wisconsin State Journal | mdefour@madison.com | 608-252-6144

(30) Comments

Wisconsin would be a national pioneer in helping adults earn college degrees under a new online education program announced Tuesday by Gov. Scott Walker and University of Wisconsin System leaders.

Starting this fall, the UW System plans to offer a "flexible degree" that will allow students to begin classes any time they want, work at their own pace and earn credit for what they already know.

Recommend
113
Tweet
3
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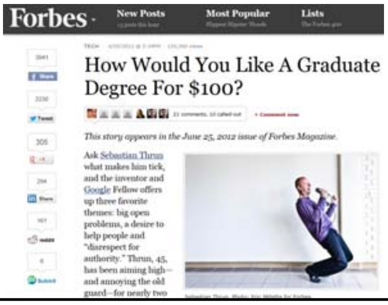
Pin it
Share
26
Print
Email

MOOC Leadership Principle #13: Generate Media Attention

June 25, 2012

http://www.forbes.com/sites/georgeanders/2012/06/05/udacity-sebastian-thrun-disrupting-higher-education/


Forbes
New Posts
Most Popular
Lists

How Would You Like A Graduate Degree For $100?

This story appears in the June 25, 2012 issue of Forbes Magazine.

Ask Sebastian Thrun what makes him tick, and the inventor and Google Fellow offers up three favorite themes: big open problems, a desire to help people and "disrespect for authority." Thrun, 45, has been aiming high—and annoying the old guard—for nearly two

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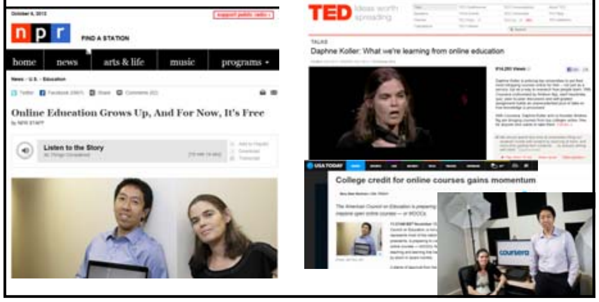
October 6, 2012

Online Education Grows Up, And For Now, It's Free, NPR Staff

http://www.npr.org/2012/09/30/162053927/online-education-grows-up-and-for-now-its-free
http://www.npr.org/player/v2/mediaPlayer.html?action=1&t=1&islist=false&id=162053927&m=162053877


npr
FIND A STATION
home
news
arts & life
music
programs
Listen to the Story
TED
TALKS
USA TODAY
coursera

Online Education Grows Up, And For Now, It's Free

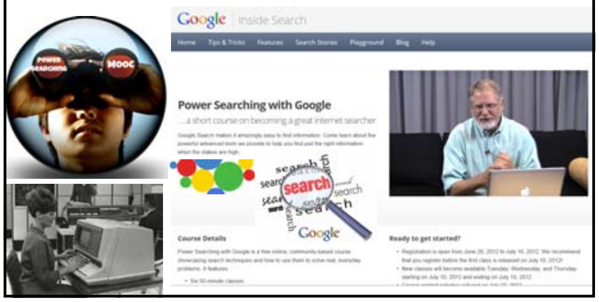
Daphne Koller: What we're learning from online education

College credit for online courses gains momentum

MOOC Leadership Principle #14: Build on Strengths and Niche Areas

July 2, 2012

http://lifehacker.com/5922804/sign-up-for-googles-power-searching-online-course-to-boost-your-google+fu


POWER SEARCHING
MOOC
Google Inside Search
Home
Tips & Tricks
Features
Search Stories
Playground
Blog
Help
search
Google
Course Details
Ready to get started?

Power Searching with Google

...a short course on becoming a great internet searcher

July 23, 2012

Coursera course on Internet History, Technology, and Security, Chuck Severance 42,000+ sign up...

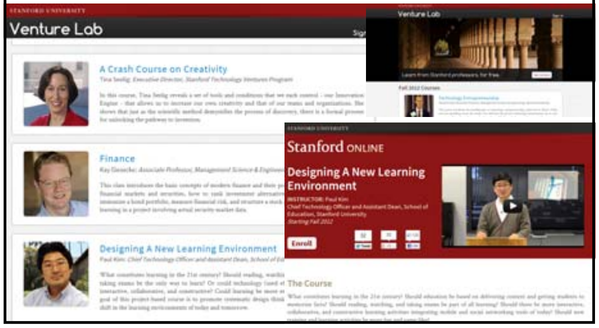
https://www.coursera.org/#course/insidetheinternet

coursera
Internet History, Technology, and Security
Alan Turing and Bletchley Park
About the Course

Fall 2012 (Paul Kim: Oct 15, 2012)

Stanford Venture Lab (MOOCs)

http://venturelab.stanford.edu/
http://venture-lab.org/education


STANFORD UNIVERSITY
Venture Lab
Stanford ONLINE
Enroll
The Course

A Crash Course on Creativity

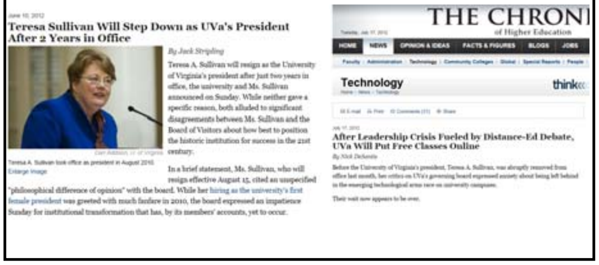
Finance

Designing A New Learning Environment

MOOC Leadership Principle #15: Do Not Make Rash Decisions

July 17, 2012

http://chronicle.com/article/After-Leadership-Crisis-Fueled/132917/


THE CHRONI
of Higher Education
HOME
NEWS
OPINION & IDEAS
FACTS & FIGURES
BLOGS
JOBS
Technology

Teresa Sullivan Will Step Down as UVa's President After 2 Years in Office

By Jack Stripling

Teresa A. Sullivan will resign as the University of Virginia's president after just two years in office, the university and Ms. Sullivan announced on Sunday. While neither gave a specific reason, both alluded to significant disagreements between Ms. Sullivan and the Board of Visitors about how best to position the historic institution for success in the 21st century.

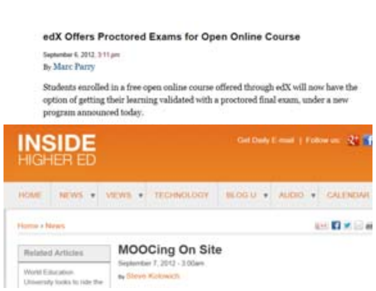
In a brief statement, Ms. Sullivan, who will resign effective August 15, cited an unspecified "philosophical difference of opinion" with the board. While her hiring as the university's first female president was greeted with much fanfare in 2010, the board expressed an impatience Sunday for institutional transformation that has, by its members' accounts, yet to occur.

After Leadership Crisis Fueled by Distance-Ed Debate, UVa Will Put Free Classes Online

MOOC Leadership Principle #16: Be Proactive in Addressing Concerns

August 16 & September 6, 2012

http://chronicle.com/article/Dozens-of-Plagiarism-Incidents/133697/



edX Offers Proctored Exams for Open Online Course

September 6, 2012, 3:11 pm

By Marc Parry

Students enrolled in a free open online course offered through edX will now have the option of getting their learning validated with a proctored final exam, under a new program announced today.

INSIDE HIGHER ED

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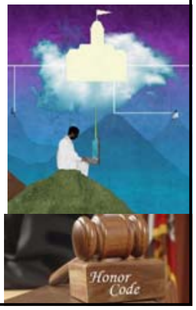
World Education University looks to ride the

MOOCing On Site

September 7, 2012 - 3:00am

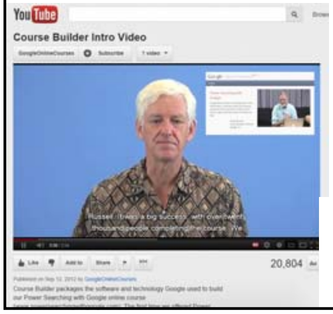
By Steve Kolowich



MOOC Leadership Principle #17: Give Something Away

September 12, 2012

http://www.youtube.com/watch?feature=player_embedded&v=GAY5ICoVnA8



Course Builder Intro Video

GoogleOnlineCourses | Subscribe | 1 video

Russell: It was a big success, with over twenty thousand people completing the course. We

20,804

Published on Sep 12, 2012 by GoogleOnlineCourses

Course Builder packages the software and technology Google used to build our Power Searching with Google online course

Google

course-builder

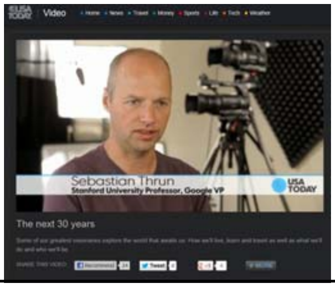
Course Builder

MOOC Leadership Principle #18: Look Way Ahead

September 14, 2012

The Next 30 Years, USA Today: No Grades?

http://www.usatoday.com/video/news/1839139560001



USA TODAY Video

Sebastian Thrun

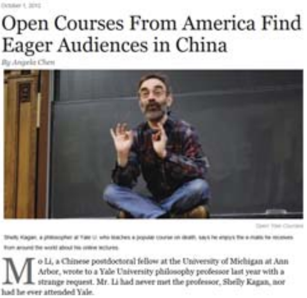
Stanford University Professor, Google VP

The next 30 years

MOOC Leadership Principle #19: Expand Markets

October 1, 2012 & January 22, 2013

http://chronicle.com/article/Open-Courses-From-America-Find/134660/

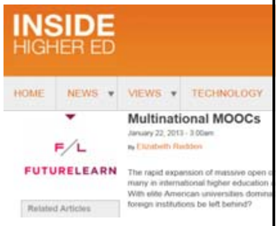


October 1, 2012

Open Courses From America Find Eager Audiences in China

By Angela Chen

Mo Li, a Chinese postdoctoral fellow at the University of Michigan at Ann Arbor, wrote to a Yale University philosophy professor last year with a strange request. Mr. Li had never met the professor, Shelly Kagan, nor had he ever attended Yale.



INSIDE HIGHER ED

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FUTURELEARN

Related Articles

Multinational MOOCs

January 22, 2013 - 3:00am

By Elizabeth Redden

MOOC Leadership Principle #20: Ask Questions

Sept 3, Oct 1, & Dec 17, 2013

Chronicle of Higher Education

http://chronicle.com/article/Massive-Excitement-About/134678/

October 1, 2012

MOOC Mania

It's raising big questions about the future of higher education

By Katherine Mangan

September 3, 2012

Before You Jump on the Bandwagon ...

By Alison Byerly

December 17, 2012

For Whom Is College Being Reinvented?

'Disruptions' have the buzz but may put higher education out of reach for those students likely to benefit the most

Poll #2: Are MOOCs creating a revolution in education today?

A. Yes…

B. No…

Mystery of MOOCs:
Part III. 20 Types of MOOCs

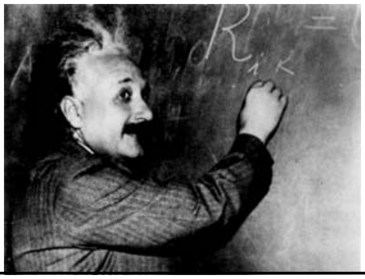
MOOC
GUITARES ET
SYNTHETISEURS
MODULAIRES

MOOC Type #1.
Alternative Admissions Systems or Hiring System MOOC

The college
ADMISSIONS
game

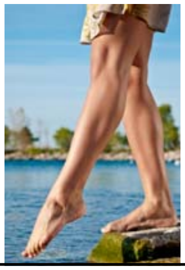
MOOC Type #2.
Just-in-Time Skills and Competencies MOOC

MOOC Type #3.
Theory- or Trend-Driven MOOC



MOOC Type #4.
Professional Development (PD) (practical) MOOC

MOOC Type #5.
Loss Leader (dip toe in water) MOOC



Poll #3: Which is these MOOCs seem viable to you?

A. Alternative Admission and Hiring
B. Just-in-Time Skills and Competencies
C. Theory or Trend
D. Professional Development
E. Loss Leader

MOOC Type #6.
Bait and Switch MOOC

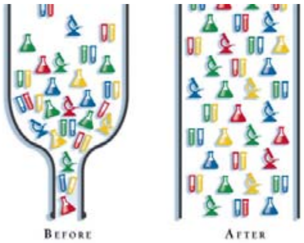
Touch Real
Dinosaur Tracks
FREE

Totally
FREE*
* not actually free

FREE
CHEESE

MOOC Type #7.
Experimental MOOC

MOOC Type #8.
Degree or Program Qualifier or System Bottleneck MOOC


Before
After

MOOC Type #9.
Personality MOOC

MOOC Type #10.
Name Branding MOOC

Coca-Cola
Microsoft
IBM
GE
Marlboro
citi
M
Disney
TOYOTA
NOKIA
intel

BRAND
BRAND
BRAND
BRAND
BRAND
BRAND
BRAND

MOOC Type #11.

Goodwill MOOC

GOODWILL
GOODWILL
goodwill

MOOC Type #12.

Interdisciplinary MOOC

MOOC Type #13.

Recruiting MOOC
(companies pay for names and contact info of high performers)

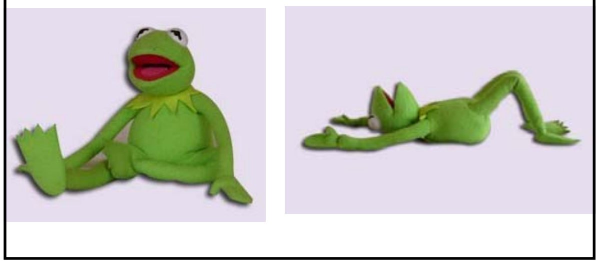
HELP
WANTED
Rock Stars

MOOC Type #14.

Marketing MOOC
(content provided in the MOOC that fosters product discussion)

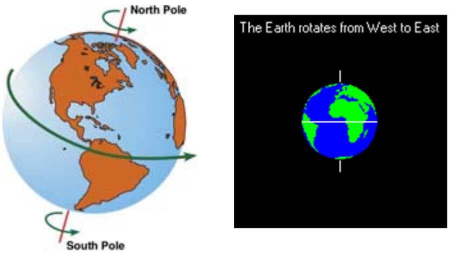
MOOC Type #15.

Conference MOOC
(stretch a conference)



MOOC Type #16.

Rotating MOOC


North Pole
South Pole
The Earth rotates from West to East

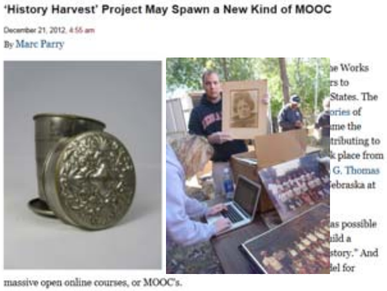
MOOC Type #17.
Repeatable MOOC

MOOC Type #18.
Reusable MOOC

REUSE
REDUCE
RECYCLE

MOOC Type #19.
Oral History MOOC

ORAL HISTORY
PROJECT



'History Harvest' Project May Spawn a New Kind of MOOC

December 21, 2012, 4:55 am

By Marc Parry

he Works
rs to
States. The
ories of
me the
tributing to
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G. Thomas
ebraska at

as possible
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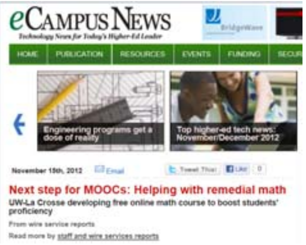
story." And
del for

massive open online courses, or MOOC's.

MOOC Type #20.
Remedial Course MOOC


eCampus News
Technology News for Today's Higher-Ed Leader
HOME
PUBLICATION
RESOURCES
EVENTS
FUNDING
Engineering programs get a dose of reality
Top higher-ed tech news: November/December 2012
Email
Tweet This!
Like
0

November 15th, 2012

Next step for MOOCs: Helping with remedial math

UW-La Crosse developing free online math course to boost students' proficiency

From wire service reports

Read more by staff and wire services reports

Mystery of MOOCs:
Part IV. A Dozen MOOC Business Plans and Models

BUSINESS-PLAN
?
IF WORK
ELSE
$

MOOC Business Model #1.
Advertisers Underwrite Courses and Degrees

UNCOLLEGE
WORLD EDUCATION UNIVERSITY
ABOUT WEU
DEGREES AND PROGRAMS
MISSION
EDUCATION TECHNOLOGY
THE AMERICAN EDUCATION CRISIS
IN THE PRESS
WEU CAREERS
FAQ

MOOC with a Business Model:
Taking a Look at ALISON

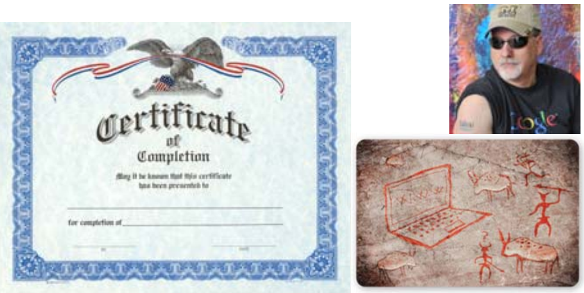
MOOC Business Model #2.
Small and Flexible Application or Enrollment Fee

FLEXIBLE
FEES
e-learning...

MOOC Business Model #3.
Course Assessment Fee

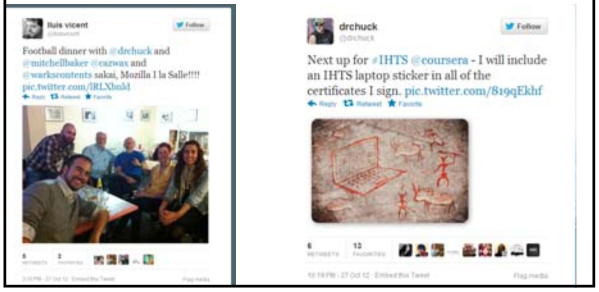
MOOC Business Model #4.
Certificate Fee (with sticker)

https://twitter.com/drchuck/status/262423228717355009/photo/1


Certificate
of
Completion
May it be known that this certificate has been presented to
for completion of

October 27, 2012
Chuck Severance in Barcelona
(football dinner & course stickers)

https://twitter.com/lluisvicent/status/262315328116228096/photo/1
https://twitter.com/drchuck/status/262423228717355009/photo/1



lluis vicent

Football dinner with @drchuck and @mitchellbaker @carwax and @warkscontents sakai, Mozilla I la Salle!!!! pic.twitter.com/lRLXbuld

drchuck

Next up for #IHTS @coursera - I will include an IHTS laptop sticker in all of the certificates I sign. pic.twitter.com/819qEkhf

MOOC Business Model #5.
Enhanced Course Fee
(same rate as other online courses)

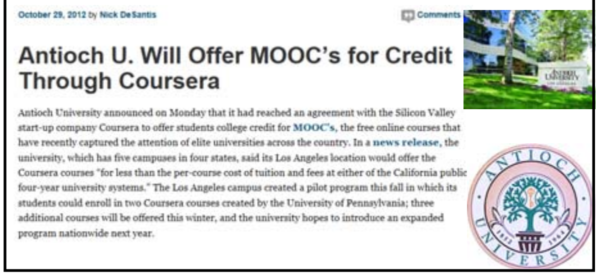
MOOC Business Model #6.
Option for University Credit
(full price)

THE UNIVERSITY
WISCONSIN
MADISON

October 29, 2012

Antioch U. Will Offer MOOC's for Credit Through Coursera, Nick DeSantis, Chronicle of Higher Education

http://chronicle.com/blogs/ticker/antioch-u-will-offer-moocs-for-credit-through-coursera/51252



October 29, 2012 by Nick DeSantis

Comments

Antioch U. Will Offer MOOC's for Credit Through Coursera

Antioch University announced on Monday that it had reached an agreement with the Silicon Valley start-up company Coursera to offer students college credit for MOOC's, the free online courses that have recently captured the attention of elite universities across the country. In a news release, the university, which has five campuses in four states, said its Los Angeles location would offer the Coursera courses "for less than the per-course cost of tuition and fees at either of the California public four-year university systems." The Los Angeles campus created a pilot program this fall in which its students could enroll in two Coursera courses created by the University of Pennsylvania; three additional courses will be offered this winter, and the university hopes to introduce an expanded program nationwide next year.

MOOC Business Model #7.
Company Sponsored

sponsored tweets

MOOC Business Model #8.
Percent of First Year Salary

MOOC Business Model #9.
Sell or Lease Courses
(e.g., to Community Colleges)

Cuyahoga Community College

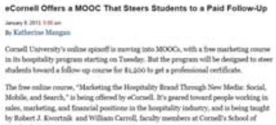
MOOC Business Model #10.
Share Revenues
(i.e., professors, university, companies)

MOOC Business Model #11.
Free Entryway Course

Cornell University

January 8, 2013
eCornell Offers a MOOC That Steers Students to a Paid Follow-Up, Katherine Mangan, Chronicle of Higher Education

http://chronicle.com/blogs/wiredcampus/coursera-announces-details-for-selling-certificates-and-verifying-identities/41519?cid=at&utm_source=at&utm_medium=en



eCornell Offers a MOOC That Steers Students to a Paid Follow-Up

January 8, 2013, 5:00 am

By Katherine Mangan

Cornell University's online spinoff is moving into MOOCs, with a free marketing course in its hospitality program starting on Tuesday. But the program will be designed to steer students toward a follow-up course for $1,200 to get a professional certificate.

The free online course, "Marketing the Hospitality Brand Through New Media: Social, Mobile, and Search," is being offered by eCornell. It's geared toward people working in sales, marketing, and financial positions in the hospitality industry, and is being taught by Robert J. Kwortnik and William Carroll, faculty members at Cornell's School of Hotel Administration.

eCornell
Building Organizational Capability
Why eCornell is Different
Ivy League Curricula & Top Ranked Faculty

eCornell

January 23, 2013
Academic Partnerships Launches MOOC2Degree Initiative, Press Release

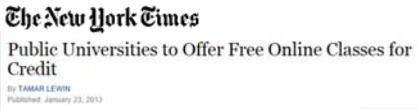
http://www.mooc2degree.com/press.php#.UP-uV-i7AII

MOOC2DEGREE
ABOUT US
PRESS ROOM
CONTACT US
MOOC2Degree Press Release
MOOC2Degree in the News
MOOCs in the News
MOOC Infographic
ACADEMIC

MOOC2Degree Press Release

Academic Partnerships Launches MOOC2Degree Initiative

DALLAS, TEXAS (January 23, 2013)



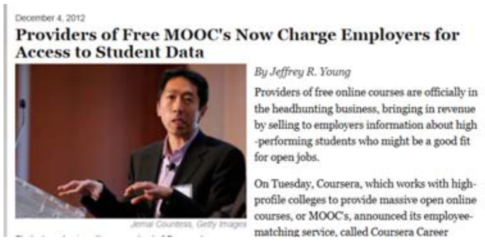
The New York Times

Public Universities to Offer Free Online Classes for Credit

By TAMAR LEWIN

Published: January 23, 2013

MOOC Business Model #12.
Charge Fee for Student Data



December 4, 2012

Providers of Free MOOC's Now Charge Employers for Access to Student Data

By Jeffrey R. Young

Providers of free online courses are officially in the headhunting business, bringing in revenue by selling to employers information about high-performing students who might be a good fit for open jobs.

On Tuesday, Coursera, which works with high-profile colleges to provide massive open online courses, or MOOC's, announced its employee-matching service, called Coursera Career

Jemal Countess, Getty Images

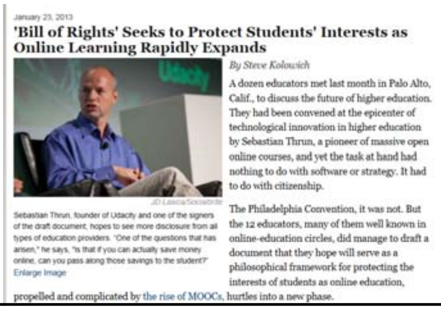
Reflect on the MOOC news now…what new news did you learn?

Mystery of MOOCs:
Part V. 20 MOOC Instructor Guidelines
+
2 Frameworks for Teaching Online

Teaching a MOOC on Coursera
Coursera Login
Other Classes

January 23, 2013
'Bill of Rights' Seeks to Protect Students' Interests as Online Learning Rapidly Expands,
Steve Kolowich, Chronicle of Higher Education

http://chronicle.com/article/Bill-of-Rights-Seeks-to/136783/?cid=at&utm_source=at&utm_medium=en



January 23, 2013

'Bill of Rights' Seeks to Protect Students' Interests as Online Learning Rapidly Expands

By Steve Kolowich

JD Lasica/Socialbrite

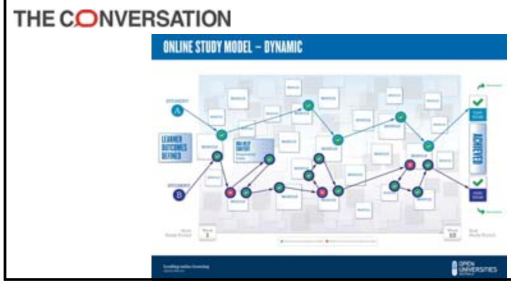
Sebastian Thrun, founder of Udacity and one of the signers of the draft document, hopes to see more disclosure from all types of education providers. "One of the questions that has arisen," he says, "is that if you can actually save money online, can you pass along those savings to the student?"

Enlarge Image

A dozen educators met last month in Palo Alto, Calif., to discuss the future of higher education. They had been convened at the epicenter of technological innovation in higher education by Sebastian Thrun, a pioneer of massive open online courses, and yet the task at hand had nothing to do with software or strategy. It had to do with citizenship.

The Philadelphia Convention, it was not. But the 12 educators, many of them well known in online-education circles, did manage to draft a document that they hope will serve as a philosophical framework for protecting the interests of students as online education, propelled and complicated by the rise of MOOCs, hurtles into a new phase.

MOOC Instructor Guide #1.
Plan and Prepare


THE CONVERSATION
ONLINE STUDY MODEL – DYNAMIC

MOOC Guide #2.
Market the Course (especially to friends)

INTERNET
Marketing
Social
Global
SEO
Media
Search
Business
Mobile

MOOC Guide #3.
Offer Multiple Types of Contact Info

MOOC Guide #4.
Get Help/Assistance

MOOC Guide #5.
Designate Feedback Providers and Tasks

MOOC Guide #6.
Offer Ample Feedback in Week One

MOOC Guide #7.
Use Peer, Machine, Volunteer, and Self-Assessment

MOOC Guide #8.
Gather Geographic Data

Arctic Ocean
Arctic Ocean
NORTH AMERICA
North Atlantic Ocean
EUROPE
ASIA
North Pacific Ocean
North Pacific Ocean
Tropic of Cancer
AFRICA
Equator
SOUTH AMERICA
Indian Ocean
Tropic of Capricorn
South Atlantic Ocean
AUSTRALIA
South Pacific Ocean
The World
ANTARCTICA
60°
30° N
0°
30° S
60°
150° 120° 90° 60° 30° W 0° 30° E 60° 90° 120° 150° 180°

October 22, 2012
Chuck Severance in Seoul
http://www.youtube.com/watch?v=nHaPvqU4MrM

Coursera IHTS Office Hours Gangam Style - Seoul, Korea, October 22, 2012

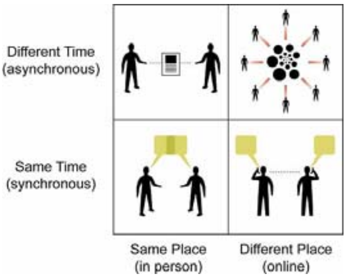
Coursera IHTS Office Hours Gangam Style - Seoul, Korea, October 22, 2012

YouTube
Julie
650
YouTube
Choongil
coursera - Design and Analysis of Algorithms

MOOC Guide #9.
Use a Warm and Friendly Tone

MOOC Guide #10.
Form Groups and Social Supports

MOOC Guide #11.
Combine Sync and Async Instruction


Different Time
(asynchronous)
Same Time
(synchronous)
Same Place
(in person)
Different Place
(online)

Guest Speaker Chris Dede, Wirth Professor in Learning Technologies, Harvard University

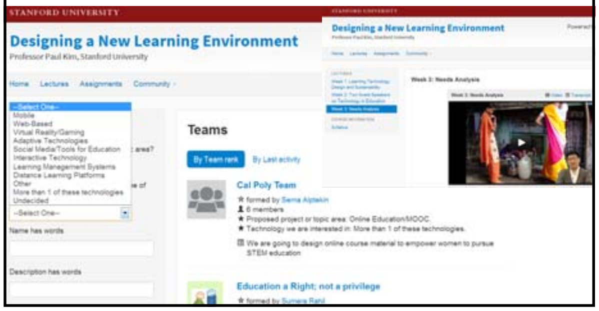
Designing a New Learning Environment

Video
Transcript
Week 3: Two Guest Speakers on Technology in Educati

Paul Kim, Stanford: Oct 28, 2012

17,380 students. I haven't met f2f. I am shocked to see students from places where Internet is very limited. You will find students from even Zanzibar!!! Many teams are formed and they meet f2f in the region where they live.

http://venture-lab.org/education/


STANFORD UNIVERSITY
Home
Lectures
Assignments
Community
--Select One--
Mobile
Web-Based
Virtual Reality/Gaming
Adaptive Technologies
Social Media/Tools for Education
Interactive Technology
Learning Management Systems
Distance Learning Platforms
Other
More than 1 of these technologies
Undecided
Name has words
Description has words
By Team rank
By Last activity
Week 3: Needs Analysis

Designing a New Learning Environment
Professor Paul Kim, Stanford University

Teams

Cal Poly Team
formed by Sema Alptekin
6 members
Proposed project or topic area: Online Education/MOOC
Technology we are interested in: More than 1 of these technologies.
We are going to design online course material to empower women to pursue STEM education

Education a Right; not a privilege
formed by Sumera Rahil

MOOC Guide #12.
Arrive Early for Sync Session

MOOC Guide #13.
Allocate Ample Q&A Time During Sync Session

Questions and Answers

MOOC Guide #14.
Share Resources

MOOC Guide #15.
Personalize Where Possible!

WE
PERSONALIZE IT

October 27, 2012
Chuck Severance (U Michigan/Coursera) in Barcelona

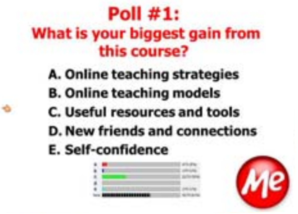
http://www.youtube.com/watch?v=JzNHvmSv8TI

YouTube
Chuck Severance
Subscribe
YouTube
Chuck Severance
Subscribe
HOTELES CATALONIA

Barcelona IHTS Coursera Office Hours (2012-10-27)

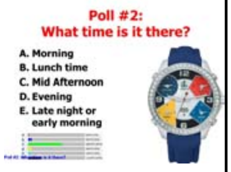
Barcelona IHTS Coursera Office Hours (2012-10-27)

MOOC Guide #16.
Use Polling Questions



Poll #1:
What is your biggest gain from this course?

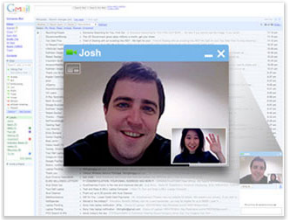
A. Online teaching strategies
B. Online teaching models
C. Useful resources and tools
D. New friends and connections
E. Self-confidence



Poll #2:
What time is it there?

A. Morning
B. Lunch time
C. Mid Afternoon
D. Evening
E. Late night or early morning

MOOC Guide #17.
Check Chat Window for Comments and Questions



MOOC Guide #18.
Reflect After Each Session (e.g., Top 3 Activity in Chat Window)

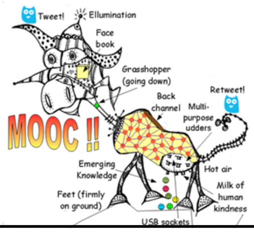
MOOC Guide #19.
Offer Weekly Recaps and Updates

MOOC Guide #20.
Be Willing to Change Midstream

CHANGE
CHANGE
CHANGE
CHANGE
CHANGE

Poll #4: Would you like to teach a MOOC?

A. Yes…
B. No…


Tweet!
Ellumination
Face book
Grasshopper (going down)
Back channel
Retweet!
Multi-purpose udders
MOOC !!
Emerging Knowledge
Hot air
Feet (firmly on ground)
Milk of human kindness
USB sockets

Gordon Lockhart, iBerry, http://iberry.com/ http://gbl55.wordpress.com/2011/03/08/cck11-man-this-mooc-is-something-else/

Mystery of MOOCs:

VI. Adding Some TEC-VARIETY (Motivation Online)

Framework #1: TEC-VARIETY for Online Motivation and Retention

1. Tone/Climate: Psych Safety, Comfort, Belonging
2. Encouragement, Feedback: Responsive, Supports
3. Curiosity: Fun, Fantasy, Control

   …

4. Variety: Novelty, Intrigue, Unknowns
5. Autonomy: Choice: Flexibility, Opportunities
6. Relevance: Meaningful, Authentic, Interesting
7. Interactive: Collaborative, Team-Based, Community
8. Engagement: Effort, Involvement, Excitement
9. Tension: Challenge, Dissonance, Controversy
10. Yields Products: Goal Driven, Products, Success, Ownership

---

1. Tone/Climate: A. Video Course Intros

(examples from Northern Virginia Community College and Indiana University KD (online MBA) program)

Yun Yun Chow, Open U Malaysia, Making Art Lessons Come Alive with Web 2.0

http://www.youtube.com/watch?v=BO9rqJD1GXo

You Tube
Search
Browse
Upload
Making Art Lessons Come Alive with Web 2.0
jasemaine 20 videos
Subscribe
Sign up for YouTube with your Facebook account!

---

2. Encouragement, Feedback, etc.: A. Vocab Sushi ($25 for 3 months)

http://www.vocabsushi.com/

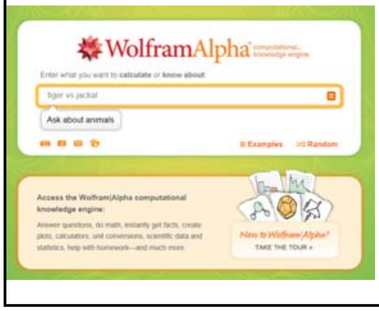
VOCABsushi
The Better Way to Build Your Vocabulary
Learn More
your score
1435
nice work!
your vocab level
38

Rice
For each word you get right, we donate 10 grains of rice through the United Nations to help end world hunger
Rice
For each answer you get right, we donate 10 grains of rice through the UN World Food Program to help end hunger

---

3. Curiosity, Fun: A. Online Database Activities (e.g., WolframAlpha)

http://www.wolframalpha.com/


WolframAlpha computational knowledge engine
Enter what you want to calculate or know about
tiger vs jackal
Ask about animals
Examples
Random
Access the Wolfram|Alpha computational knowledge engine:
New to Wolfram|Alpha?
TAKE THE TOUR

A Quick Introduction to Wolfram Alpha
by Stephen Wolfram

---

3. Curiosity, Fun: B. Dead Sea Scrolls

http://www.deadseascrolls.org.il/explore-the-archive

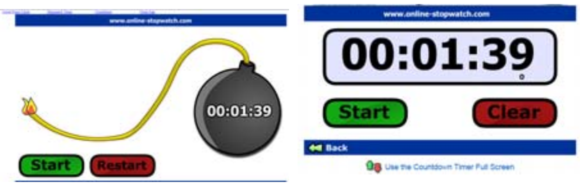
http://www.deadseascrolls.org.il/explore-the-archive/search#q=site_en:'Qumran,_Cave_4'

http://www.deadseascrolls.org.il/home

The Leon Levy Dead Sea Scrolls Digital Library
Like
Share
More info
The 'Leon Levy Dead Sea Scrolls Digitization Project'

4. Variety, Novelty, Fun, Fantasy:

A. Timers (Stopwatches, Countdown Timers, Stopwatch Bombs, etc.; http://www.online-stopwatch.com/countdown-timer/)


www.online-stopwatch.com
00:01:39
Start
Restart
www.online-stopwatch.com
00:01:39
Start
Clear
Back
Use the Countdown Timer Full Screen

---

5. Autonomy, Choice:

A. Web Exploration Assignments

1. Complete Works of Charles Darwin Online: http://darwin-online.org.uk/
2. The Complete Works of William Shakespeare: http://shakespeare.mit.edu/
3. Edgar Allan Poe Society of Baltimore: http://www.eapoe.org/
4. Einstein Archives Online: http://www.alberteinstein.info/
5. Federal Resources for Educational Excellent project: http://free.ed.gov/
6. Global Text Project: http://globaltext.org/
7. iBerry (Open Courseware Directory): http://iberry.com/
8. Jane Austen: http://www.janeausten.org/
9. The Jane Goodall Institute: http://www.janegoodall.org/
10. Timeless Hemmingway: http://www.timelesshemingway.com/

Einstein Archives Online
the Jane Goodall Institute
ABOUT JGI | JANE GOODALL | WHERE WE WORK
Don't Miss Out: Purchase Tickets Today!
A Conversation With Dr. Jane Goodall

Poll #5:

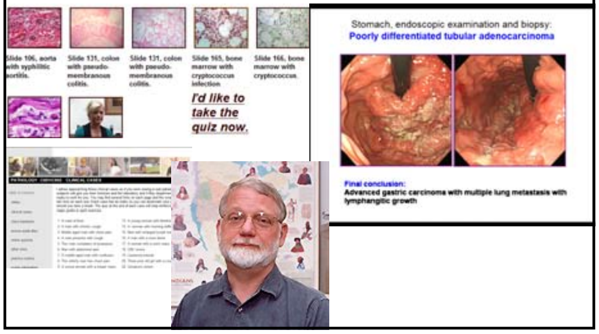
Which of the first 5 motivational principles will you use the most?

A. Tone/Climate
B. Encouragement/Feedback
C. Curiosity/Fun
D. Variety/Novelty
E. Autonomy/Choice/Flexibility

---

6. Relevance, Meaningfulness:

A. Online Cases (e.g., Mark Braun, IU)

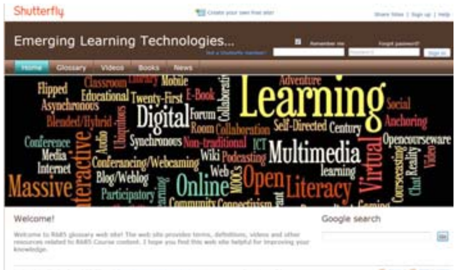

Slide 106, aorta with syphilitic aortitis.
Slide 131, colon with pseudo-membranous colitis.
Slide 131, colon with pseudo-membranous colitis.
Slide 165, bone marrow with cryptococcus infection
Slide 166, bone marrow with cryptococcus
I'd like to take the quiz now.
Stomach, endoscopic examination and biopsy:
Poorly differentiated tubular adenocarcinoma
Final conclusion:
Advanced gastric carcinoma with multiple lung metastasis with lymphangitic growth

---

6. Relevance, Meaningfulness:

B. Multimedia Glossaries

Ozgur Ozdemir: Multimedia Glossary in Shutterfly for R685, December 2012
http://r685glossary.shutterfly.com/

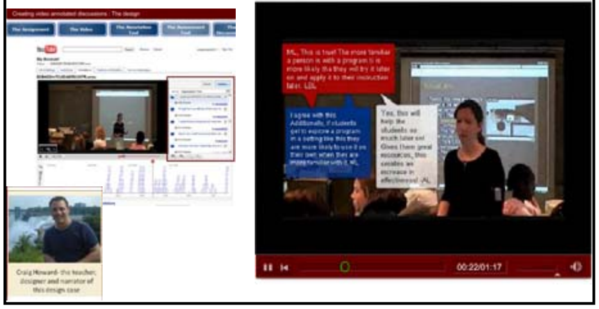

Shutterfly
Emerging Learning Technologies...
Home
Glossary
Videos
Books
News
Learning
Digital
Multimedia
Online
Open
Literacy
Virtual
Massive
Flipped
Asynchronous
Blended/Hybrid
Conference
Media
Internet
Blog/Weblog
Participatory
Classroom
Educational
Twenty-First
E-Book
Mobile
Forum
Room
Collaboration
Self-Directed
Century
Synchronous
Non-traditional
Conferencing/Webcaming
Wiki
Podcasting
Web
ICT
Adventure
Social
Anchoring
Opencourseware
Welcome!
Google search

---

7. Interactive, Collaborative:

A. Collaborative Video Annotations and Discussions (Craig Howard, IU)

http://scholarworks.iu.edu/journals/index.php/ijdl/article/view/853/912


Creating video annotated discussions : The design
The Assignment
The Video
The Annotation Tool
The Assessment Tool
Craig Howard- the teacher, designer and narrator of this design case
00:22/01:17

8. Engagement, Effort:
A. Virtual Timelines (HyperHistory)
http://simile.mit.edu/timeline/

http://www.usatoday.com/tech/news/story/2011-09-22/steve-jobs-dies/50672498/1

Gates through the
Steve Jobs, Apple co-founder, dies
Steve Jobs, Apple co-founder, dies

8. Engagement, Effort: B. Arab spring: an interactive timeline of Middle East protests, The Guardian, Garry Blight, and Sheila Pulham, July 12, 2011

http://www.guardian.co.uk/world/interactive/2011/mar/22/middle-east-protest-interactive-timeline

Coalition strikes hit Gaddafi compound
2011
1 April
27 March
20 March
13 March

9. Tension, Challenge, etc.:
A. Photo Festivals and Competitions
(e.g., COFA at UNSW, Scrapblog, flickr, etc.)

http://www.youtube.com/watch?v=im7GQM9fzhc

OMNIUM
ONLINE COLLABORATIVE COMMUNITIES

10. Yields Products, Goals:
A. Student YouTube Products
Qi Li: r685 Gangnam Style, December 2012

http://www.youtube.com/watch?v=7Q429lqxZaU&feature=youtu.be

Miguel Lara (Web 2.0 FREEDOM): http://www.youtube.com/watch?v=8cmCFWi9lW8

FREEDOM
Open Resources
Motivation

YouTube
r685 final project
iPad, Kindle, Nook...

10. Yields Products, Goals:
B. Dan Record: Wikibook Chapter: Designing Online Courses that Speak to Today's Students

http://en.wikibooks.org/wiki/Web_2.0_and_Emerging_Learning_Technologies/Andragogy_and_Technology
http://en.wikibooks.org/wiki/Web_2.0_and_Emerging_Learning_Technologies

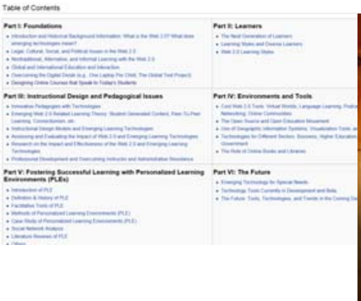


Table of Contents
Part I: Foundations
Part II: Learners
Part III: Instructional Design and Pedagogical Issues
Part IV: Environments and Tools
Part V: Fostering Successful Learning with Personalized Learning Environments (PLEs)
Part VI: The Future

Web 2.0
and Emerging Learning Technologies

10. Yields Products, Goals:
C. I Done This, Milestone Planner, 43 Things

43Things
Sign up

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

Start listing your goals now...

Poll #6:

Which of the last 5 motivational principles will you use the most?

A. Relevance/Meaningfulness
B. Engagement/Effort
C. Interactive/Collab/Community
D. Tension/Challenge/Dissonance
E. Yielding Products/Goals

Commitments:

Stop and Share:

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

Tone/Climate
Encouragement, Feedback
Curiosity

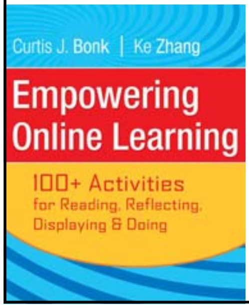
Variety
Autonomy
Relevance
Interactive
Engagement
Tension
Yields Products

COMMITMENT

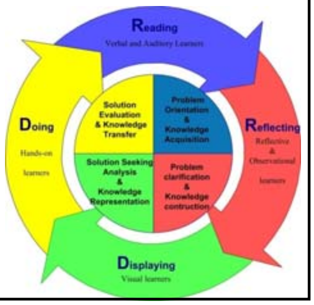
COMMITMENT

Mystery of MOOCs:

VII. R2D2



Curtis J. Bonk | Ke Zhang
Empowering Online Learning
100+ Activities for Reading, Reflecting, Displaying & Doing


Reading
Verbal and Auditory Learners
Reflecting
Reflective & Observational learners
Displaying
Visual learners
Doing
Hands-on learners
Problem Orientation & Knowledge Acquisition
Problem clarification & Knowledge contruction
Solution Seeking Analysis & Knowledge Representation
Solution Evaluation & Knowledge Transfer

The R2D2 Method

1. Read (Auditory and Verbal Learners)
2. Reflect (Reflective Learners)
3. Display (Visual Learners)
4. Do (Tactile, Kinesthetic, Exploratory Learners)

---

1. Auditory or Verbal Learners

- Auditory and verbal learners prefer words, spoken or written explanations.

Reading
Doing
Reflecting
Displaying

Read 1a. Reading from Open Access Journals (e.g., PLOS)

PLoS PUBLIC LIBRARY of SCIENCE

EQ EDUCAUSE QUARTERLY
Learning Spaces
Featured Articles

The International Review of Research in Open and Distance Learning

A refereed e-journal to advance research, theory and best practice in open and distance learning worldwide

Athabasca University

Read 1b. Interactive Stories

(e.g., Meograph
http://www.meograph.com/)

Meograph
Easily tell interactive stories
Meograph for:
Journalism
Education
Play demo

---

2. Reflective and Observational Learners

- Reflective and observational learners prefer to reflect, observe, view, and watch learning; they make careful judgments and view things from different perspectives

Reading
Reflecting
Doing
Displaying

Reflect 2a. Cultural Blogs (e.g., Dr. Kim Foreman, San Fran State University, Come and See Africa Blog; http://comeandseeafrica.blogspot.com/)

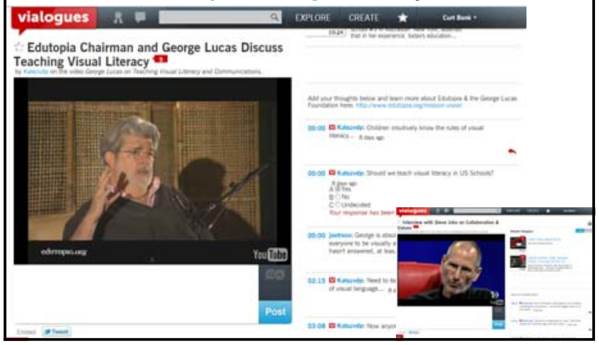
Come and See Africa (CASA)

Reflect 2b. Videos for clinical education

(Sungkyunkwan University School of Medicine, www.mededu.or.kr)

환자의 앞쪽에서, 왼손으로 환자의 오른쪽 갑상샘을
반대편으로 밀고,

Reflect 2c. Discuss Videos (e.g., Grockit Answers and Vialogues; https://vialogues.com/)


vialogues
EXPLORE
CREATE
Post
Tweet

Edutopia Chairman and George Lucas Discuss Teaching Visual Literacy

00:00 Katsuvdo: Children intuitively know the rules of visual literacy... 8 days ago

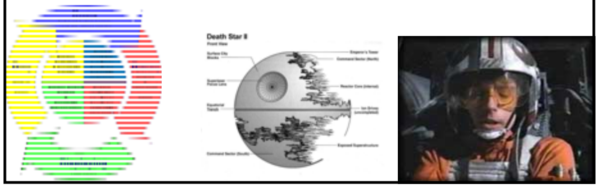
00:00 Katsuvdo: Should we teach visual literacy in US Schools?

A Yes
B No
C Undecided

---

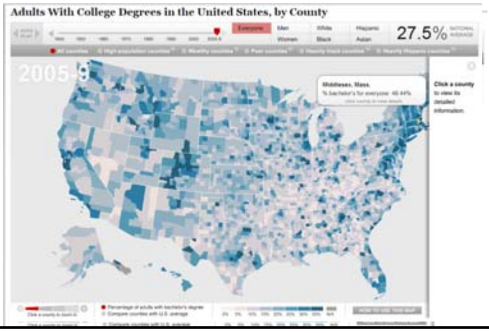
3. Visual Learners

- Visual learners prefer diagrams, flowcharts, timelines, pictures, films, and demonstrations.


Death Star II

Display 3a. Interactive Maps
(adults with college degrees by county, May 7, 2012)

http://todayscampus.com/article/Keith_Hampson_Interviews_Josh_Keller_on__Interactive_Graphics_for_Higher_Education


Adults With College Degrees in the United States, by County
Everyone
Men
Women
White
Black
Hispanic
Asian
27.5%
2005-9
Middlesex, Mass.
Click a county to view its detailed information.

Display 3b. Wordle
A Pedagogy of Abundance or a Pedagogy to Support Human Beings? Participant Support on Massive Open Online Courses, IRRODL, Kop, Fournier, & Sui Fai Mak, November 2011

http://www.irrodl.org/index.php/irrodl/article/view/1041/2025

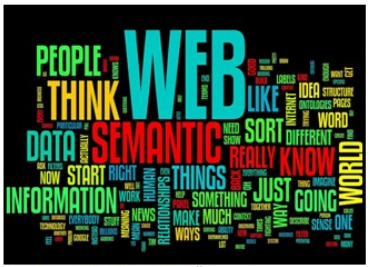

PEOPLE
WEB
THINK
LIKE
IDEA
DATA
SEMANTIC
SORT
REALLY
KNOW
INFORMATION
START
THINGS
JUST
GOING
WORLD
RELATIONSHIPS
SOMETHING
MAKE
MUCH
WAYS
NEWS
WAY
SENSE
ONE
WORD
DIFFERENT

Figure 4. PLENK2010 Wordle.

Display 3c. Segment Video Anchors
(e.g., TubeChop of V-PORTAL: Video Primers in an Online Repository of e-Teaching and Learning; "Wikibooks Hooray for Us")

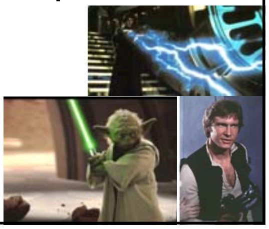
http://www.tubechop.com/watch/378752

19. Wiki Uses and Applications
School of Education

4. Tactile/Kinesthetic Learners

- **Tactile/kinesthetic senses can be engaged in the learning process are role play, dramatization, cooperative games, simulations, creative movement and dance, multi-sensory activities, manipulatives and hands-on projects.**

Reading
Reflecting
Displaying
Doing



Do 4a. Negotiate Meanings Online
(e.g.m MeetingWords: http://meetingwords.com/)

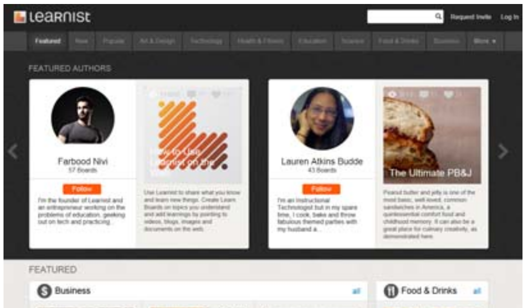
MeetingWords is a simple text editor for the web.

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!

MeetingWords
MeetingWords is a simple text editor for the web.
Create public pad
No sign-up, start writing instantly
Highlighted edits
Instantly updated
Easy undo

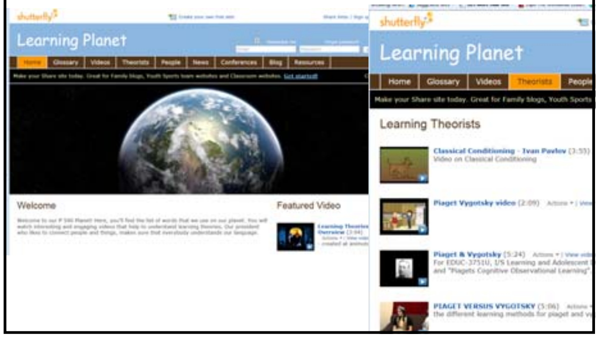
Do 4b. Student Expertise
(e.g., Learnist
http://learni.st/category/featured#/category/featured)


Learnist
FEATURED AUTHORS
Farbood Nivi
Lauren Atkins Budde
The Ultimate PB&J
Follow
FEATURED
Business
Food & Drinks

Do 4c. Learning Planet: Interactive Glossary

Umida Khikmatillaeva, Dec. 2011, P540

http://learningplanet.shutterfly.com/


shutterfly
Learning Planet
Home
Glossary
Videos
Theorists
People
News
Conferences
Blog
Resources
Welcome
Featured Video
shutterfly
Learning Planet
Home
Glossary
Videos
Theorists
People

Make your Share site today. Great for Family blogs, Youth Sports team websites and Classroom websites. Get started!

Learning Theorists

Classical Conditioning - Ivan Pavlov (3:55)
Video on Classical Conditioning

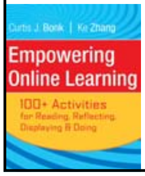
Piaget Vygotsky video (2:09)

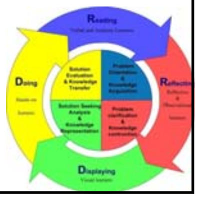
Piaget & Vygotsky (5:24)
For EDUC-3751U, I/S Learning and Adolescent
and "Piagets Cognitive Observational Learning"

PIAGET VERSUS VYGOTSKY (5:06)
the different learning methods for piaget and

Poll #7: What phase of the R2D2 Method will you use most?

A. Read (Auditory and Verbal Learners)
B. Reflect (Reflective Learners)
C. Display (Visual Learners)
D. Do (Tactile, Kinesthetic, Exploratory Learners)


Curtis J. Bonk | Ke Zhang
Empowering Online Learning
100+ Activities for Reading, Reflecting, Displaying & Doing


Reading
Reflecting
Displaying
Doing

Remember The TEC-VARIETY Model?

Tone/Climate
Encouragement, Feedback
Curiosity

Variety
Autonomy
Relevance
Interactive
Engagement
Tension
Yields Products

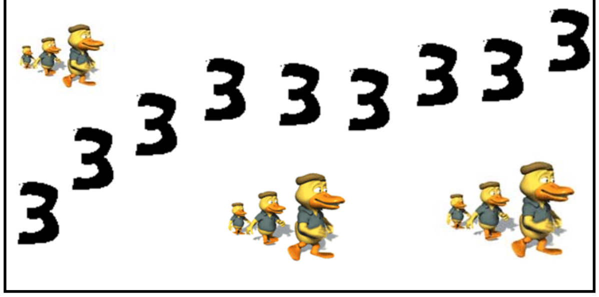
Poll #8:

Do you feel "MOTIVATED" to try any of this out?

A. Yes, both
B. Yes, R2D2
C. Yes, TEC-VARIETY
D. Neither

Stop and Share:

Three Words from this session!



Any Questions?
Try the TEC-VARIETY Model!
Try the R2D2 Model!

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

Welcome to Signal Hill
Bienvenue
Signal Hil