Accessing Open Access Educational Resources: Augmenting and Accelerating the Apprenticeship Process
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Read Any OER Research Lately?
October 25, 2014
Opening the Curriculum: Open Educational Resources in U.S. Higher Education, 2014
I. Elaine Allen and Jeff Seaman

November 25, 2014
OER Research Hub, OER Evidence Report: Building Understanding of Open Education 2013-2014

Part I: What is the role of the Instructor in the Open World? (Instructor as Cat Herder?)

1. Instructor as Credit Manager

October 21, 2014
Teaching and the University of Tomorrow.
Chronicle of Higher Education, Kelly J. Baker

2. Instructor as Counselor

3. Instructor as Consultant

4. Instructor as Conductor

5. Instructor as Course Ambassador

6. Instructor as Curator

7. Instructor as Concierge
8. Instructor as Camping Trip Guide

9. Instructor as Cultivator

10. Instruction as a Cognitive Apprenticeship

Part II: Expert Apprenticeship from Video

TED Talks

TED Talks

(Build a School in the Cloud; Self-Organized Learning Environments (SOLEs), February 2013, TED Talk from Sugata Mitra

http://www.ted.com/talks/sugata_mitra_build_a_school_in_the_cloud.html
November 1, 2014
TEDEd
lesson about every single element on the periodic table

BETT Talks
Global voices in education technology:
Daphne Koller, Coursera BETT 2013 Keynote Talk
(posted March 14, 2013)
http://www.youtube.com/watch?v=BMiI6RdlNQs&WT.tsrc=Email&WT.mc_id=NWS14

Fora TV (i.e., “the Conference Channel” or “YouTube for Thinkers;” (Live and On-Demand Videos from the World’s Best Conferences and Events)
http://library.fora.tv/

Academic Earth
Free online video courses from leading universities.

Videos for clinical education
(Sungkyunkwan University School of Medicine, www.mededu.or.kr)

WonderHowTo and Howcast
Anchor Instruction in Shared Online Videos
http://www.howcast.com/
http://www.wonderhowto.com/
October 15, 2012
Reusable Khan
Lacking Teachers and Textbooks, India’s Schools Turn to Khan Academy to Survive, NY Times, Anupama Chandrasekaran

Students at Sree Karpagavalli Vidhyalaya school in Chennai, Tamil Nadu, watching Khan Academy math videos.

February 2, 2015
Here Comes Professor Everybody: The ‘sharing economy’ meets higher education, Chronicle of Higher Education, Jeffrey R. Young

Kevin deLaplante, an associate professor at Iowa State U., makes an average of $2,500 per month teaching from his home studio (above) on sites like Udemy.

February 22, 2013
NASA’s spacey Google+ Hangout shows off zero-G antics – and cats!

Web Conferencing
Dubai to Puerto Rico (Edgar Leon)

Dr. Leon teaching to Dubai (in Spanish)

Short Video Anchors
(e.g., TubeChop of V-PORTAL: Video Primers in an Online Repository of e-Teaching and Learning) http://www.tubechop.com/watch/37875

Part III: Lessons Learned...
Lesson #1. Combining Asynchronous and Synchronous Events
(e.g., guest was David Merrill, 2007)

Lesson #2. If Plan, No Instructor Required
(Guest Session Run by Assistant)

Lesson #3. Test the System
(e.g., Guest No Video)

Lesson #4. Guest Starts Semester
Michael Horn and Curt Bonk, R685, August 20, 2012

Lesson #5. Multiple Guest Experts
Sara de Freitas and Jim Hensman, U of Coventry, UK
Jay Cross, Berkeley

Synchronous + Asynchronous
(e.g., Elliot Soloway and David Palumbo, 1995)
Lesson #6. Be Willing to Reciprocate

Lesson #7: Experiment with Technology
Collaboration and Discussion in Google Hangouts (1/29/2013)

Cross-Institutional Wikibook Project
(e.g., IU and the University of Houston)

Lesson #8: Solicit Student Recommendations
Expert Interviews (Rich Culatta, Acting Director, Office of Educational Technology)

Lesson #9: Don’t Give Up!
Serious Gaming Institute, Coventry, UK

Lesson #10: Make a List of Those You Know
Intellagirl Sarah Smith-Robbins and Mark Bell
(Second Life for Dummies)
Part IV: Ten Pedagogical Activities for Class-Related Videoconferencing or Web Conferencing with Experts

1. Expert Presentations with Audience Questioning and Commenting
   The guest expert makes a formal or semi-formal presentation of ideas, activities, cultural norms and practices, or research to the class.

2. Expert Demonstrations and Audience Questioning
   The guest expert demonstrates a certain technique, idea, principle, etc., while the learners observe and ask follow-up questions.

3. Question and Answer Sessions
   The guest expert responds to questions posed by the audience based on a particular topic (the audience might read or watch ahead of time).

4. Responding to Book or Article Quotes
   The learners come to the synchronous session with quotes from those articles or resources for the guest expert to respond to.
5. Responding to Publication Visuals
Students find visuals from the culture or country of the guest to respond to; alternatively, they might find charts, tables, figures, and graphs from articles, books, or presentations of the guest expert.

6. Expert Panel
A panel might set up to discuss a particular issue, trend, controversial topic, cultural practice, research finding, announcement, etc.

7. Expert Cultural Sessions
The guest might conduct a short presentation of some aspect of their culture followed by questions from the class.

8. Expert Interviews and Discussions
Students might read the biography or resume of the guest as well as available articles, books, and other resources about this person. Next, the guest might respond to questions from the class based on these resources.
9. Expert Life Stories
The guest expert might detail different stories or situations that he or she has encountered related to a certain topic of the class. Students in the class can comment on them and ask questions as needed.

10. Expert Session Archive Reviews and Discussions
A class might watch one or more guest expert sessions from a previous semester and form discussion groups based on controversial, confusing, or complex aspects of such sessions.

GETideas Channel, Cisco
(Thought Leader Series uploaded to YouTubEdu)
July 22, 2011

1. Tone/Climate: A. Threaded Video Discussions, e.g., Flipgrid
https://flipgrid.com/#429f88c5

1. Tone/Climate: B. Video Introductions (Office Hours in Other Countries)
Chuck Severance, U Michigan (Coursera) in Barcelona
https://www.youtube.com/watch?v=JzNHvmSv8TI
Chuck Severance, University of Michigan
https://www.coursera.org/course/pythonlearn

Part V. Introducing the free "TEC-VARIETY" Framework...
http://tec-variety.com/

在线学习动机与激励：
TEC-VARIETY 模型

2. Encouragement, Feedback, etc.: A. Demonstrations and Tutorials
Emerging technology specialist, IU UITS, Nitocris Perez,
May 29, 2014

3. Curiosity, Fun:
A. Tracking the Life of a Scientist (bio.com)
http://www.biography.com/people/steve-jobs-9354805
http://www.biography.com/people/ada-lovelace-1083523
http://www.laboratorynews.co.uk/news/prehistoric-revolution/

3. Curiosity, Fun:
B. Something in the News
(e.g., Chinese universities move up in world rankings, China Daily)

4. Variety, Novelty, Fun:
A. Teach from Vietnam to the World
BBC News Asia, August 14, 2013
Even though he is now very elderly, Vinh Bao (age 96) still teaches music, using his computer to coach pupils across the globe.

5. Autonomy, Choice:
A. Attend Webinar (pick weeks and reflect)
Cathy Davidson, The End of Higher Education
http://connectedcourses.net/thecourse/why-we-need-a-why/
6. Relevance, Meaningfulness:
A. Case-Based Learning: Instructor Cases
(e.g., Mark Braun, IU)

B. Video Anchors
(e.g., Learning and Memory Videos)

7. Interactive, Collaborative:
A. Q&A Web Conferencing (Feb/May 2015)
(Adobe Connect, Jabber, iMeet, GoToMeeting, etc.)
https://connect.iu.edu/p259wpia87/

8. Engagement, Effort:
A. Collaborative Video Annotations and Discussions
(Craig Howard, IU)

9. Tension, Challenge, etc.:
A. Cage Matches or Debates
(with online audience topical suggestions)
Cage Match on MOOCs at SXSWedu 2013
(Curt Bonk & Chuck Severance)
https://soundcloud.com/sxswedu/cage-match-the-massive-open

10. Yields Products, Goals:
A. Student Created Mobile Apps
The App Builder: http://www.theappbuilder.com/
April 29, 2015
Roosevelt Faulkner, IST, R678

Videos Watch selected videos from scholars and educators.
Benefits:
• Can easily watch YouTube videos without having to open a separate application
Limitations:
• Only accepts YouTube URLs
March 13, 2015

10. Yields Products, Goals: 8. 20% Time in Education
Kendal Rasnake & Troy Cockrum, IU

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

How do you now view the instructor in the Open World of Education 3.0?

MOOCs and Open Education Around the World
http://routledge-nj.com/books/details/9781138807419/

The World is Open for Learning!
Dr. Jiao Jianli, Professor of Educational Technology, Director of Future Education Research Centre, Deputy Dean of School of Information Technology in Education, South China Normal University

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