

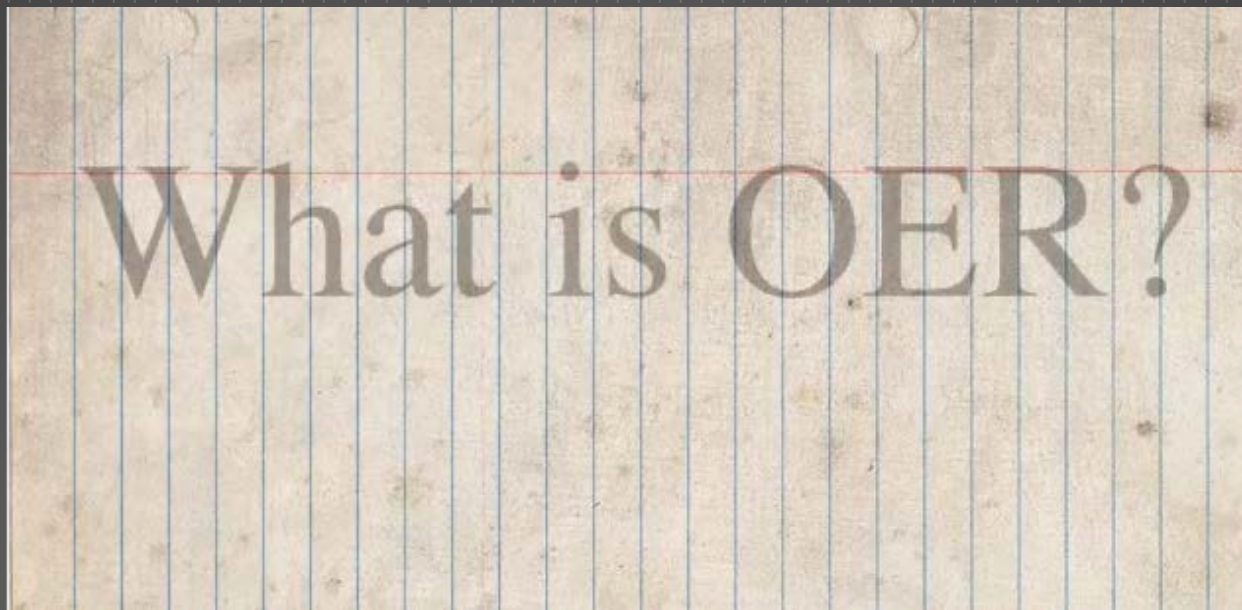
TEACHING WITH OPEN EDUCATIONAL RESOURCES (OER)

Courses, Textbooks & Activities
FREE for You and Your Students

Susan Mikkelsen, UC Merced Library



WHAT IS OER?



What is OER video:

<http://www.youtube.com/watch?v=DXBhfH2TKd8>

What are OER?

- ◆ Educational Resources freely available online
- ◆ Public Domain - Open Licenses – No Copyright Restrictions
- ◆ Full Courses
- ◆ Modules
- ◆ Textbooks
- ◆ Streaming Videos
- ◆ Tests
- ◆ Software
- ◆ [More](#)



THE OER STORY



Image courtesy of [WikiEducator.org](https://www.wikieducator.org/)

MIT LEADS THE WAY



▶ MITOPENCOURSEWARE

- ▶ 2002 – Project launched with 50 courses published
- ▶ 2005 – 1250 course published
- ▶ 2007 – Monthly traffic sets record: 2 million+ visits
- ▶ 2008 – Audio/video content added regularly to YouTube and iTunes U
- ▶ 2011 – iPhone app launched
- ▶ 2012 – 2150 courses published/125 million visits

WALTER LEWIN: MIT PHYSICS LECTURES



Walter Lewin physics lectures promo video:
<http://www.youtube.com/watch?v=7Zc9Nuoe2Ow>

QUESTIONS FOR THE AUDIENCE

(PLEASE RESPOND IN THE CHAT WINDOW)

- ▶ What kinds of information have you looked for on You Tube?
- ▶ Why did you turn to You Tube?
- ▶ Were you happy with the information that you found?

WHAT IS A MOOC?

- ▶ Massive Open Online Courses
 - ▶ Free!
 - ▶ May be similar to university level courses
 - ▶ Typically not-for-credit
 - ▶ Aimed at large-scale participation
 - ▶ An “event” where people with similar interests learn together
 - ▶ Focused on networking of people and ideas
 - ▶ Work is all shared and negotiated in the open
 - ▶ Based on Connectivist pedagogy

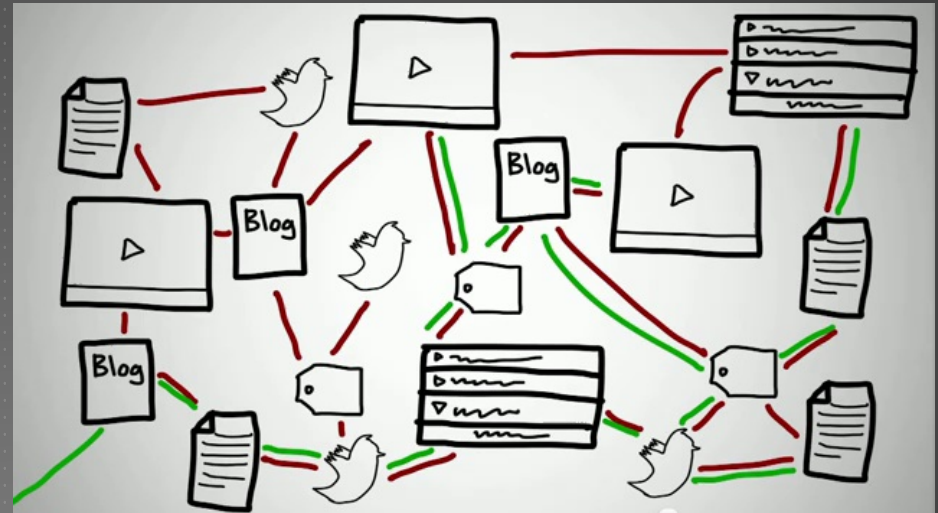


Image courtesy of Debbie Morrison,
online learning insights blog

QUESTIONS FOR THE AUDIENCE

(PLEASE RESPOND IN THE CHAT WINDOW)

- ▶ Have you ever been part of a MOOC, either as student or facilitator?
- ▶ What was the subject matter for the MOOC?
- ▶ How would you describe your experience?

MORE KEY PLAYERS IN THE MOOC/OCW MOVEMENT

- ▶ UC Berkeley (webcast.berkeley)
- ▶ Carnegie Mellon University ([Open Learning Initiative](#))
- ▶ Utah State University ([OpenCourseWare](#))
- ▶ Tufts University ([Tufts OCW](#))
- ▶ Rice University ([Connexions](#))
- ▶ University of Michigan ([open.michigan](#))
- ▶ University of Notre Dame ([OpenCourseWare](#))
- ▶ Stanford University ([Open Stanford on iTunes U](#))
- ▶ MIT, Harvard, UC Berkeley ([edX](#))
- ▶ [Coursera](#) (33 top Universities)
- ▶ [Udacity](#)

Open Textbooks Advantages

- Save students \$\$\$
- Give faculty flexibility to add/edit content
- Media integration increases student engagement
- Downloadable

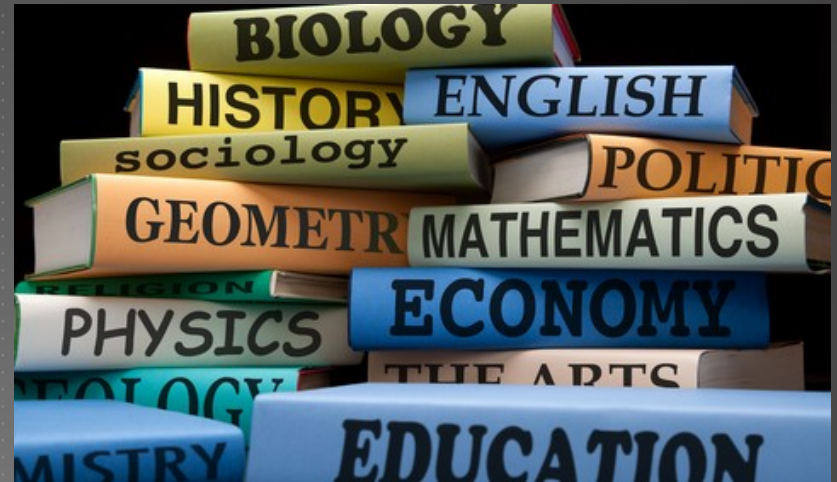


Image courtesy of myfootpath.com

Open Textbook Assessment

- *The cost and quality of open textbooks: Perceptions of community college faculty and students*
- *Affordable and open textbooks: An exploratory study of faculty attitudes*
- *A preliminary examination of the cost savings and learning impacts of using open textbooks in high school science classes*
- *Open learning: What do open textbooks tell us about the revolution in education?*



David Wiley discusses open textbooks video
<http://www.youtube.com/watch?v=OiyjhdTRiwo>

OPEN TEXTBOOK RESOURCES

- ▶ [FlatWorld Knowledge](#) – from “free” to “fair”
 - ▶ \$19.95 (Study Pass) – Access to ebook, note-taking, highlighting, and study aids
 - ▶ \$34.95 (All Access Pass) – Study Pass + eReader formats, PDF downloads
 - ▶ \$49.95 (VIP Pass) All Access Pass + printed book
 - ▶ \$39.95 – Print Textbooks
- ▶ [Connexions](#) (Rice U, Hewlett Foundation, Maxfield Foundation, & More)
- ▶ [MERLOT](#) (CSU, EDUCAUSE, Carnegie Foundation, & More)
- ▶ [WIKIBOOKS](#) (Wikimedia Foundation)
- ▶ [Community College Open Textbooks](#) (Hewlett Foundation)
- ▶ [Open Textbook Initiative](#) (Saylor Foundation)
- ▶ [Boundless](#)
- ▶ [California Learning Resource Network Digital Textbook Initiative](#)

LIBRARY SUPPLEMENTAL COURSE RESOURCES (SCR)

- ▶ Library service for faculty
- ▶ Utilizes UCM CROPS
- ▶ Licensed Resources
 - ▶ Electronic - Links
 - ▶ Print – Digitized
- ▶ Ensures that fair use and copyright are followed
- ▶ [Supplemental Course Resources Web Page](#)



ADDITIONAL OER RESOURCES AND INFORMATION

- ▶ [Open Educational Resources Guide](#) (UC Merced Library)

Questions?

