Finding, Using & Adopting OER

Kate Hess & Una Daly
Welcome

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Workshop Goals

Participants will be able to:

• Search OER repositories

• Evaluate OER for quality and relevance

• Identify research strategies and organization tools to ease information overload

• Identify the next steps for OER adoption
Agenda

1. OER basics
2. OER Evaluating
3. How to: Searching repositories
4. Your turn: Searching repositories
5. Organizing your research and resources
6. Accessibility considerations
7. Adopt and Use OER
<table>
<thead>
<tr>
<th></th>
<th>Traditional Textbook</th>
<th>Open Textbook</th>
<th>Open Educational Resources (OER)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>What is its purpose?</strong></td>
<td>Provides basic course content for student reading and reference</td>
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<tr>
<td><strong>What does it look like?</strong></td>
<td>A single one-size-fits all book (or e-book)</td>
<td>A: A single book (or e-book) adopted as-is</td>
<td>A: An online collection of resources curated, remixed and customized by the instructor</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B: A single book (or e-book) adopted with customization by the instructor</td>
<td>B: The same as (A) above, in printable format for those students who prefer print</td>
</tr>
<tr>
<td><strong>How does an instructor choose it?</strong></td>
<td>A. Through evaluation of sample copy provided by the publisher, in print or online.</td>
<td>A. Through evaluation of free online copy. In some cases a print sample copy is available.</td>
<td>A. Through searching and evaluating component resources found in OER repositories. Search is based on specific learning outcomes and content needs defined by the instructor</td>
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<td>B. Peer review by publisher often assumed but not shared.</td>
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OER could be:

- Open Textbooks (plus tests or supplemental)
- Individual modules, tutorials, lessons
- Any format: video, audio, image, text
OER must be:

- Free of cost
- Open licensed
- Free to adapt
Example: Open Textbook

Think Python: An Introduction to Software Design
Allen Downey, Olin College
Pub Date: 2007

At a Glance
- Table of Contents
- About the Author(s)
- Reviews

Conditions of Use
Free Documentation License
GNU

Green Tea Press
Adopt this book now

Formats Available
- Online ($0.00)
- PDF ($0.00)
- Softcover B&W ($29.29)
Links

College 101 Pre-course assessment (section number: ICF02)
MBTI Online Assessment

Reading Assignments

"What Does It Mean To Be Well-Educated?" by Alfie Kohn
"A New Look at Learning", chapter 1 of The New Science of Learning by Doyle & Zakrjsek (Library eBook, sign in with k-number and password)

Handouts

Who Am I? Essay Assignment (due 9/24)
Guide to keeping your Learning Journal
Learning Journal Exercise: I Should
Learning Journal Exercise: Time Management (positive distractors)

Videos

Ken Robinson: Changing Education Paradigms
HeartMath TED talk video (we watched part of this in class)

Budgeting and Finances

Financial Literacy Assignment (due 9/17)
Monthly Budget Worksheet (does not save data entered! please print after filling)
Video: How to Make a Budget

ePortfolio Guides

Step by step help videos for creating and editing your Google Site, presented by Kirkwood Counselor Jacalyn McCarville

Other Course Resources

Study Guides & Strategies
Define your need

• Take one minute to write down what you are looking for: total package for converting a class to OER? An outstanding tutorial to fill a gap in your current text?

• Take 2 minutes to share with a neighbor what you’re looking for
Evaluate

• Quality
• Appropriateness
• Technical considerations

Image: Public Domain by geralt on pixabay
Establishing Selection Criteria

- Quality of content, pedagogy
- Alignment with course objectives
- Reading & writing level
- Cultural relevancy
- Author’s credentials
- Clarity of material
- Ancillaries
- Articulation
- Format of materials
Achieve OER Rubric

• R1: Degree of Alignment to Standards
• R2: Quality of Explanation of the Subject Matter
• R3: Utility of Materials Designed to Support Teaching
• R4: Quality of Assessment
• R5: Quality of Technological Interactivity
• R6: Quality of Instructional Tasks and Practice Exercises
• R7: Opportunities for Deeper Learning
• R8: Assurance of Accessibility
Discover OER
Repositories & Listing Sites
Find OER

Below find sites that collect or search for open resources, including open textbooks, open courseware, and other OER. Hover over each link for a brief description. If you have a favorite site you don’t see here, please leave us a comment at the bottom of the page.

Open Textbooks

- BCcampus
- College Open Textbooks
- California Learning Resource Network Textbooks (high school)
- OpenStax
- Orange Grove Texts Plus
- Textbook Revolution
- WikiBooks

Books in the Public Domain (& Other Free Books)

http://oerconsortium.org/find-oer
BCcampus

- Curated collection
- Focuses on the top 40 subjects offered
- Resources to modify an open text
MERLOT II

• Open textbook list by category (2200+)
• Some peer reviews
• Some accessibility reviews
• Registered MERLOT users may create personal collections and comment.
OpenStax CNX

- Content in modules for easy re-mixing
- Use modules as-is or organize into books
- Sign up to create and share your own modules
Your turn

1. Open the Google Drive spreadsheet “OER Workshop - Track your great finds”
http://bit.ly/1qKuBfS

2. Open the CCCOER resource page at:
http://oerconsortium.org/find-oer to begin your search

3. Claim a row on the spreadsheet and share any promising resources you find in your searching
Tracking & Organizing

https://evernote.com/

https://www.diigo.com/

http://guides.kirkwood.edu/opentextbooks
Creative Commons Licenses

Simple, standardized way to grant copyright permissions

Permission: CC
Attribute-BY
Non-Commercial?
Share alike?

http://creativecommons.org

Adapted from Ronda Neugebauer Slidesshare
most free

least free

OER

Not OER
OER
Expanding Access or Not?

DIGITAL
+
OPEN LICENSE

ACCESSIBLE
Need for Accessibility

• Expand access
  – 707,000 students with disabilities enrolled in U.S. colleges 2008-09

• Laws and Guidelines
  – Section 508 of Rehabilitation Act
  – Web Content Access Guidelines (WCAG)
  – Universal Design for Learning

Source: National Center for Education Statistics 2011
Diverse Learner Challenges

- Cognitive learning disabilities
- Sensory & motor impairments
- English language deficits
- Lack of engagement

Kersti Nebelsiek CC-BY
Top 4 Accessibility Must-dos

• Visit the Center for Access and Accommodation.

• Use “styles” in Word docs and web pages

• Use image descriptions and caption videos

• Label tables and other complex information
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Adoption & Support

Stakeholders:
• Department head or Dean
  – Articulation agreement considerations?
• Bookstore
• LMS coordinator
  – Student access
• Librarians
  – Searching
  – Licensing & copyright
• Disability or Learning Services

“Team” image by Dawn Manser, flickr, Creative Commons attribution license
A Few Last Words...

1. Before you order your textbook(s) for next semester... please look at Open Textbooks (e.g., OpenStax) and other OER.
2. What OER can you reuse, revise, remix from others?
3. License your works with CC
4. Make it a community effort
Questions?

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Thank you for coming!!