Agenda

Why Open Education
  • Student Learning
  • Health of the Web

Examples of Open Education in Practice

Challenges & Barriers

Practical Elements of Open Education
Open Pedagogy

Open pedagogy is a set of teaching and learning practices only possible in the context of the free access and 5R (reuse, revise, remix, redistribute, retain) permissions characteristic of open educational resources.

David Wiley (2013)
# Open Spectrum

<table>
<thead>
<tr>
<th>Adoption</th>
<th>Adaption</th>
<th>Creation</th>
<th>Connection</th>
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<tr>
<td>Low touch</td>
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<td>High touch</td>
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### Adoption
Adoption (without alteration) of freely accessible text or resource in one or more course sections. Usually replaces publisher’s text. May include curation of varied media (ie video, text, data) to support learning.

### Adaption
Alteration or adaption of open texts or resources to add context or improve for local use. Adaptions may include the work of students (remixes, etc.).

### Creation
The work of the course (or portion of the course) is public. Students are producers of open education resources and are engaged in publishing and (perhaps) licensing their work.

### Connection
Connection is the application of open practice. Faculty and students are documenting and sharing their processes and reflections and engaging with open communities.

[https://open.ubc.ca/teach/what-is-teach-in-the-open/](https://open.ubc.ca/teach/what-is-teach-in-the-open/)
Activity 1 - Your Open Practice

1. Take 3 Sticky Notes
2. Write down the ways you have engaged in Open Practice
3. Put the notes under the theme
4. Review each others responses
Why Open?

Student Learning
The student of the future is what we call a maker, somebody who needs to be able to not just critically understand the problem, but also produce solutions to problems. The value of that skill carries across all fields of academia.

Jan Holmevik, Associate Professor of English and Co-Director of the Center of Excellence in Next Generation Computing and Creativity at Clemson University

2016 NMC Horizon Report Strategic Brief on Digital Literacy (p.3)
**Wenjack (novella)**

From Wikipedia, the free encyclopedia

*Wenjack* is a historical fiction novella based on the story of Charlie "Charrlie" Wenjack by Canadian author Joseph Boyden. It was published by Hamish Hamilton of Penguin Books in 2016 and features illustrations by Cree artist Kent Monkman. It was part of a collaborative effort to commemorate the 50th anniversary of Charlie's death. The book follows Charlie Wenjack, a 12-year-old Ojibwe boy, as he escapes from a Northern Ontario residential school in the futile hopes of returning home to his family and two dogs. It alternates between Charlie's perspective and the perspectives of Manitou, who take on different animal forms to keep a silent watch on Charlie as he walks on foot to a home he does not know is hundreds of kilometers away.

**Contents** [hide]

1. Plot
2. Background
3. Reception
4. References
5. External links

**Plot** [edit]

The story begins with Charlie describing his experiences of abuse from residential school teachers, who he and his friends (two brothers) call "Fish Bellies" or "Sucker Bellies" for their pale skin. On an October afternoon, Charlie and the two brothers decide to run away. Because of a lung infection, Charlie struggles to keep up with his friends. Eventually the three boys reach a river, where they run into the two brothers' uncle. They are given a meager meal of freshly-caught fish in the cabin where the uncle, his wife, and his daughter are staying. That night, Charlie sleeps on the floor by the wood stove.

In the morning, the uncle tells his wife to send Charlie away, while he takes his two nephews to the trapline to look for food. When Charlie gets up to join them, the uncle tells him that it would be dangerous to have four people in his canoe. The mother sends Charlie on his way with dried moose meat and tells him to turn right at the tracks to head back to the school. The girl gives him a glass jar that holds seven matches. Charlie leaves the cabin, resolved to find his two friends and their uncle. However, when he reunites with them, the uncle tells him he cannot stay and that he must return to the school. He tells Charlie he can beat the impending bad weather if he travels quickly.

At the railroad tracks, Charlie turns in the direction away from the school and toward where he thinks his home will be. When it is dark, he decides to sleep next to a beaver pond, lighting a small fire with the matches given to him by the girl. However, the fire gives him little to no protection against the extremely cold temperatures that night. He ends up dreaming...
Scholarly Life Cycle in Open Practice

Planning
- Review a Wikipedia article for information gaps

Implementing
- Research, analyze, describe, and organize information sources

Publishing
- Write article and gain peer feedback from course and Wikipedia community
- Track new edits, article viewing, talk page entries

Discovery & Impact

Reuse
- Wikipedia articles are open to editing, linking, categorizing, etc.
Critical Literacies in Open Practice

Framework for IL for Higher Education

- Different types of authority
- Many disciplines have acknowledged authorities
- Challenge the authority of those sources
- Social nature of the information ecosystem
- Value diverse ideas and worldviews
- Underrepresented or systematically marginalized within information systems
- Synthesize ideas from multiple sources

http://www.ala.org/acrl/standards/ilframework
Leeds Becket University views digital literacy as a varied set of capabilities underpinned by digital technologies and computer literacy, which leads to the “confident and critical use of information and digital technologies to enhance academic, personal, and professional development.

2016 NMC Horizon Report Strategic Brief on Digital Literacy (p.4)
Digital Literacies in Open Practice

- Web content authoring
- Writing for a general audience
- Image manipulation
- Knowledge about Copyright
- Digital Identity
- Communication in Networked Environment

Example: ENG470D-003 Wenjack

Why Open?

Health of the Web
Acquiring the wide range of skills needed to read, write and participate in our digital world requires dedication. Technical abilities like coding are important, but they’re not enough.

We also need to be able to critically analyze information we see online, as social media debacles over “fake news” the past year made clear. Even young people who are ‘digital natives’ don’t automatically know when to ask questions or how to validate what they see.

Mozilla - Health of the Web April 2018
Privacy /Security/Openess/Digital Inclusion/Web Literacy
It is not enough to teach students to be able to interrogate critically screen culture and other forms of aural, video and visual representation. They must also learn how to be cultural producers.

Welcome to the Downtown Eastside (DTES) Information Hub. Use this portal to find research, reports, and community-generated materials with a focus on Vancouver’s Downtown Eastside.

Click on the icons below to find descriptions, plain language summaries, and full-text articles.

- **Women’s health**
- **Drug use**
- **Indigenous health**
- **Income generation and assistance**
- **Housing and living spaces**
- **HIV/AIDS**
"Imagine a world in which every single human being can freely share in the sum of all knowledge"

"at least 80% of Wikipedians [editors] are men," predominantly white in the US and Europe
When Institutions like Wikipedia “involve systematic distortion then we get farther and farther away from accurate understandings of the world,“

Ema Paling, Wikipedia's Hostility to Women, The Atlantic
Student editors contributed nearly 6% of Wikipedia’s new science content in April 2016.

Since 2010 students have added 44 million words to Wikipedia - more words than the last printed edition of the encyclopedia Britannica.

Google depends on Wikipedia. Click through rate decreases by 80% if Wikipedia links are removed.
<table>
<thead>
<tr>
<th>Title</th>
<th>Chars Added</th>
<th>Views</th>
<th>Assessment tools</th>
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<tr>
<td>George C. Reifel Migratory Bird Sanctuary</td>
<td>1247</td>
<td>303</td>
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<tr>
<td>Statistics Canada</td>
<td>1056</td>
<td>6422</td>
<td>+/-</td>
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<tr>
<td>Kathy Martin (scientist)</td>
<td>1049</td>
<td>311</td>
<td>+/-</td>
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<td>Uzbek Soviet Socialist Republic</td>
<td>759</td>
<td>4587</td>
<td>+/-</td>
</tr>
<tr>
<td>Cabbagetown, Toronto</td>
<td>693</td>
<td>4012</td>
<td>+/-</td>
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In Practice
There is nobody better to write virtually any textbook for any course at any institution of higher education than the students currently enrolled in or just finishing the course. Most content in textbooks is not proprietary, and students keenly understand what is challenging about the material, how to explain it to their peers, and what explanations will resonate with new learners.

Robin Derosa
Students Contributing to Other OER

Research paper assignment in hand, you behold the gothic structure before you.

Game and explanation, from Uni of Kansas
https://kuscholarworks.ku.edu/handle/1808/21508

http://cases.open.ubc.ca
CASE STUDIES

All  Asic  Civil Engineering  Conservation  Digital Literacy  Earth, Ocean, & Atmospheric Sciences  Economics  Education  Forestry  Land & Food Systems  Law  Political Science  Social Justice  Soil Science

ECOLOGICAL AND SOCIAL COSTS OF SINGLE USE PLASTIC BAGS

Following the rise of the industrial revolution, single-use plastic bags have become a common household item and appear in nearly every restaurant and store as a convenient way for consumers to carry purchased goods...

ECOLOGICAL AND SOCIAL COSTS OF SINGLE USE COFFEE CUPS

A change in consumer behavior is increasing demand for coffee and single-use coffee cups, which has become a significant concern for our environment. Every year billions of single-use coffee cups are being used and thrown into the landfill,...

ENVIRONMENTAL, ECONOMIC AND SOCIAL BENEFITS AND DRAWBACKS OF BRITISH COLUMBIA'S RAW LOG EXPORTS

Located in a country that encompasses 9% of the world's forests, British Columbia is the westernmost of the 10 provinces in Canada. The province has some 60 million hectares of forest land,...

LOGGING VERSUS THE WELLS GRAY PROVINCIAL PARK AND ITS ICONIC HERD OF SOUTHERN MOUNTAIN CARIBOU IN BRITISH COLUMBIA, CANADA

Wells Gray Provincial Park is located in central-eastern British Columbia and is part of the southern mountain caribou's habitat...
LRNT 528 – Facilitating in Digital Learning Environments

Welcome to LRNT 528


#rumalat

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Instructor Posts

Course Opening - 1st Week
Sticky Post October 28, 2016

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Enter email address...
Subscribe Unsubscribe

#rumalat

Education LIVE @HILEducation

#rumalat this upcoming Spring 2017. @DEPSCAS event may be something to consider. #DEPSCAS
Wikipedia Games

Wikipedia is the 5th most popular website in the world, but the number of people who actually edit Wikipedia is much smaller. There are acknowledged areas of omission and bias, and learning to write for and edit Wikipedia requires an understanding of community norms.

This set of pages walks you through some simple games you can play that introduce you gently to Wikipedia, give you some fun ways of exploring where bias might exist, and some hints as how you might start contributing to the sum of all human knowledge.
Challenges & Barriers to Open
An important question therefore becomes not simply whether education is more or less open, but what forms of openness are worthwhile and for whom; openness alone is not an educational virtue. Openness entails negotiating new forms of risk.

Catherine Cronin
Activity 2: Challenges/Barriers

1. In a group you will be given a prompt
2. Discuss what challenges having students work in the open may create related to this prompt
   a. Inclusion
   b. Vulnerability/Safety
   c. Readiness
   d. Learning Context
We are on the cusp of a global revolution in teaching and learning. Educators worldwide are developing a vast pool of educational resources on the Internet, open and free for all to use.

They are also planting the seeds of a new pedagogy where educators and learners create, shape and evolve knowledge together, deepening their skills and understanding as they go.

Capetown Declaration+10
Thanks

Erin Fields, UBC Library
Lucas Wright, BCcampus

Want more information? Go to: open.ubc.ca