

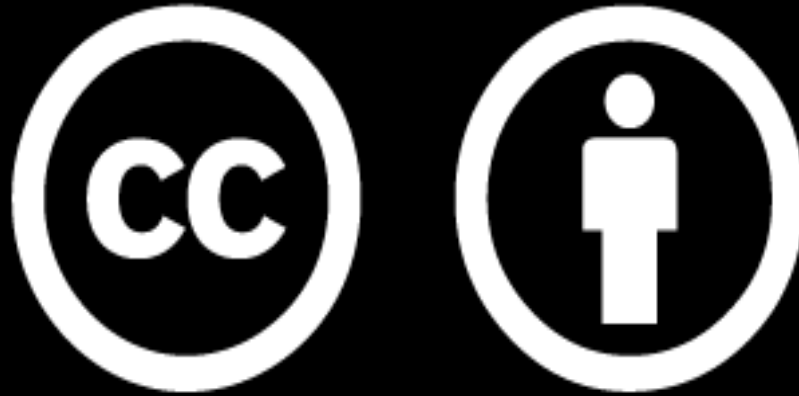
What ARE Open Educational Resources? An Overview

OpenCon 2019 K-12 Athabasca

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@DocBlom



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Open Educational Resources (OER) are teaching, learning or research materials that are in the public domain or released with intellectual property licenses that facilitate the free use, adaptation and distribution of resources.

UNESCO (2018). Open Educational Resources. Retrieved from <https://en.unesco.org/themes/ict-education/oer>

2012 Paris OER Declaration

Sustainable Development Goals 2030



Another OER definition:

Open Educational Resources are teaching, learning and research materials in any medium – digital or otherwise – that reside in the **public domain** or have been released under an **open license** that permits no-cost access, use, adaptation and redistribution by others with no or limited restrictions.

William and Flora Hewlett Foundation (2019). OER Defined. Retrieved from <https://hewlett.org/strategy/open-educational-resources/>

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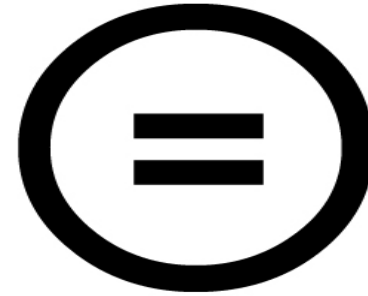
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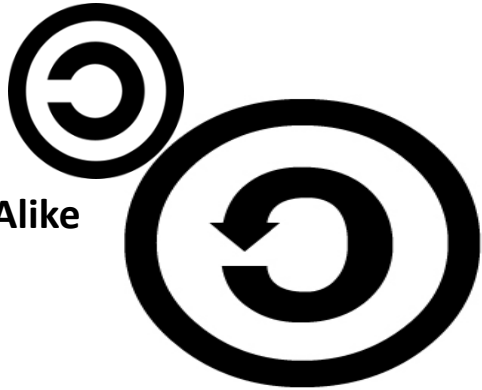
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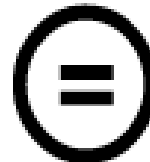
TERMS



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with exception to non-commercial
licenses that allow full distribution.**

The 5R Permissions of OER

Retain

- Make and own copies

Reuse

- Use in a wide range of ways

Revise

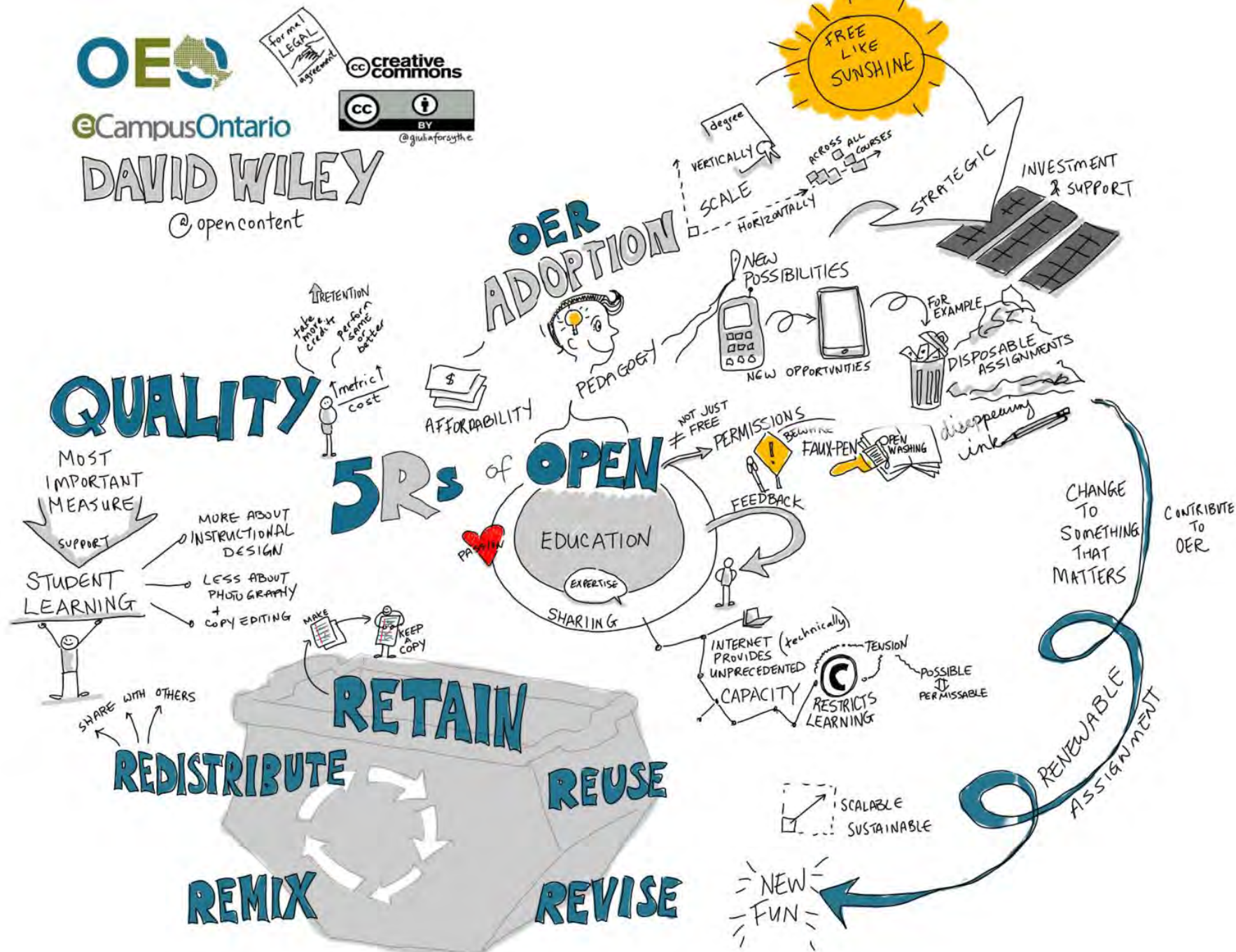
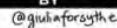
- Adapt, modify, and improve

Remix

- Combine two or more

Redistribute

- Share with others



Open pedagogy



Hegarty, B. (2015). Attributes of open pedagogy: A model for using open educational resources. *Educational Technology*, 3-13.

Benefits of OER

- **Access**
- **Reuse: Savings & Efficiency**
- **Speed & Immediacy**
- **Retain & Redistribute - Sharing**
- **Revise & Remix - Republishing**
- **Individualization**
- **Multiple Channels/platforms**
- **Multiple Versions, Same Concept**
- **Learner Generated Content**
- **Wisdom of Crowds – Online Collaborations**
- **Informal & Formal Learning**
- **Archives**
- **Digital Collaborations**

Access



- High quality content
- Additional learning resources
- Supplemental materials
- Mobile devices

Reuse: Savings and Efficiency

marginal cost and effort in making copies and distributing online



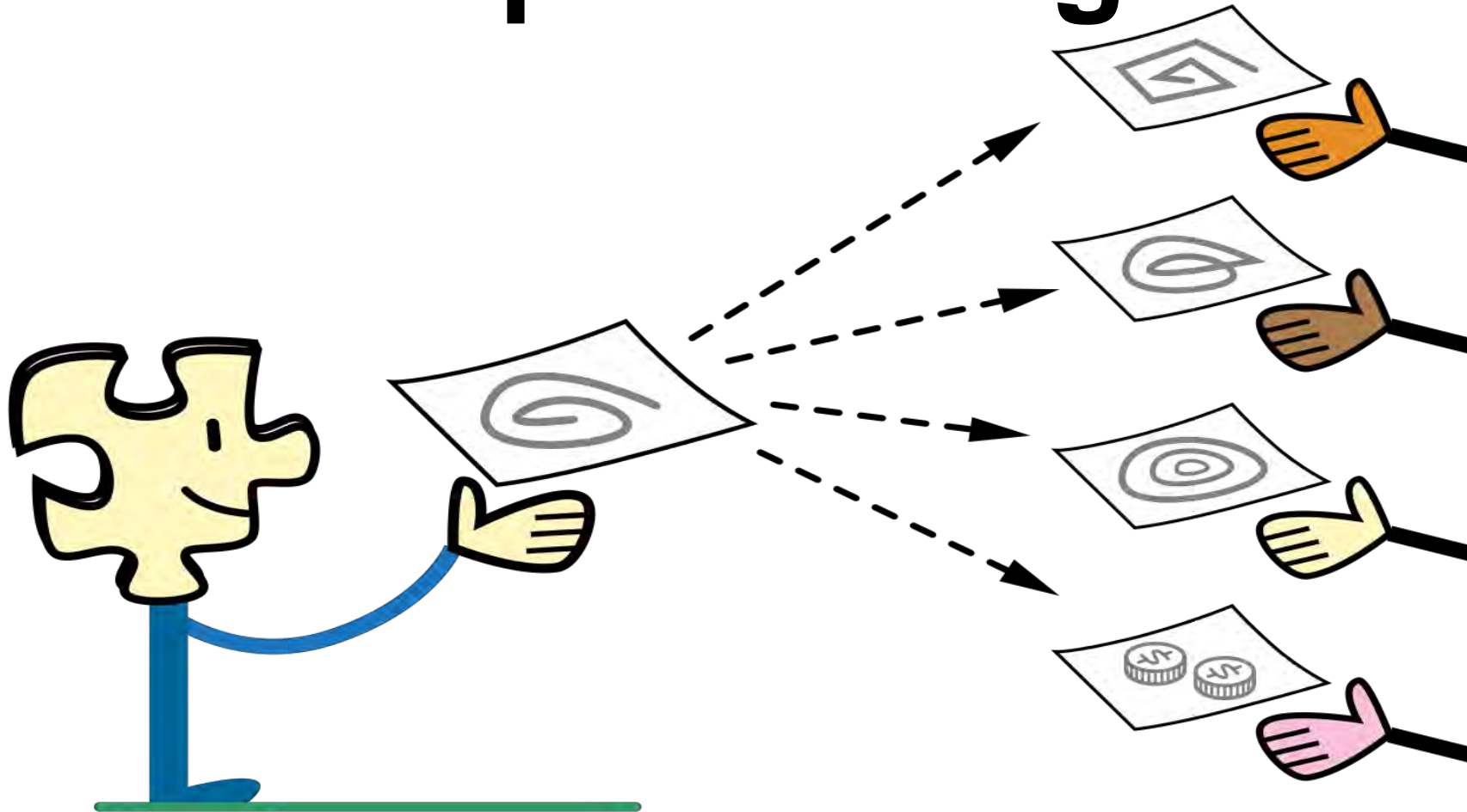
Speed & Immediacy



Retain & Redistribute: Sharing



Revise & Remix: Republishing



Changing OER

- **Adapting – multiple contexts**
- **Extracting – remove content**
- **Localizing – change to suit learners**
- **Translating - other languages**
- **Mixing – a new resource**
- **Reuse/Revise/Remix**

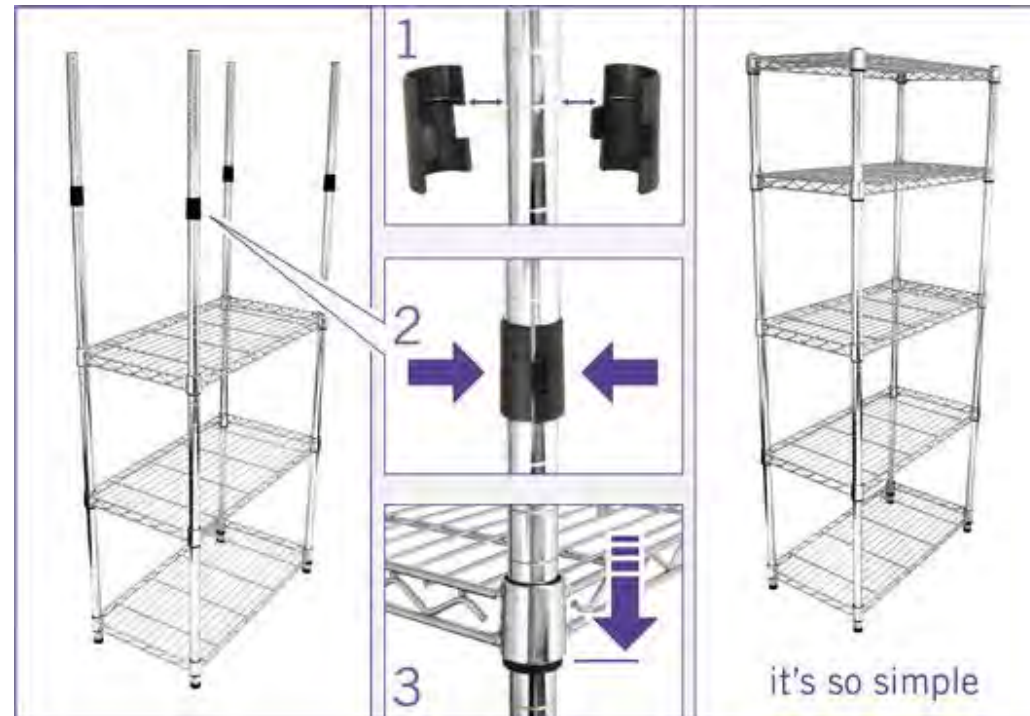


Individualisation

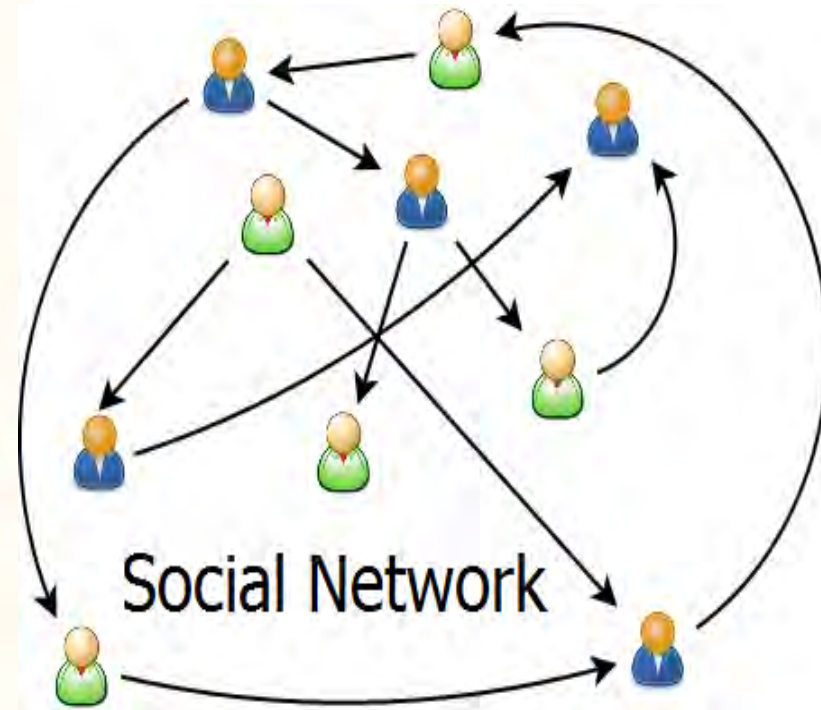
No one-size-fits-all textbook or curriculum



OER: Course or Unit Assembly



Multiple Channels/Platforms



Conole, G. (2008)

Multiple Versions Same Concept



Learner-generated Content

- new ways of co-constructing ideas
- knowledge created and shared
(Conole, 2008)



Informal & Formal Learning

Bridge the gap by increasing access

Personal interest & independent learning



Wisdom of Crowds (Peers)



Archives & Repositories

OER can provide a web-based, viewable, re-usable record of quality educational materials e.g. OER Commons



Digital Collaborations

**OER are
essential**





Explore. Create. Collaborate.

OER Commons is a public digital library of open educational resources. Explore, create, and collaborate with educators around the world to improve curriculum.

Fine tune your search with our [advanced search](#).

Support

Create OER with Open Author



University of Pittsburgh

University Library System

Course & Subject Guides

[ULS](#) / [LibGuides](#) / [Scholarly Communication](#) / [OER - Open Educational Resources](#) / [Big List of Resources](#)

OER - Open Educational Resources: Big List of Resources

Open Educational Resources (OER) are any type of educational material that are freely available for teachers and students to use, adapt, share, and reuse.

[Introduction](#)[Get started](#)[Find](#)[Adopt](#)[Create](#)[Copyright](#)[Research](#)

OER by subject

- [OER guides by subject](#)

These are Google Docs made by Portland Community College librarians in response to requests for help from instructors.

- [Discipline-Specific OER from Virginia Tech](#)

On this pages you will find openly licensed textbooks along with supplemental material, interactive simulations, and other resources.



Questions?

