A practical introduction to Open Educational Resources (OER)

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Cailean Cooney
Assistant Professor
Ursula C. Schwerin Library
New York City College of Technology

ccooney@citytech.cuny.edu

1. What are OERs?
2. Why should you care about them?
3. How can you get started?

What are OERs?

OERs are free and openly licensed learning materials.

→ Free to share & adapt for teaching, learning, and research
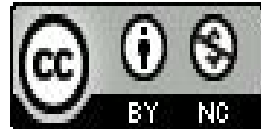
Why the new acronym?

Doesn't "free" suffice?

Did you know? Copyright/Licensing basics

- Your work is under copyright protection the moment it is created in a tangible form.

- Copyright covers both published and unpublished works.

- **License** = Give permission

- **A license**

  – Is a document that specifies what can and cannot be done with a work. It grants permissions and states restrictions.

Creative Commons licenses help you retain your copyright while allowing certain uses of your work.

more information about each license: http://creativecommons.org/licenses/

CREATIVE COMMONS WANTS TO HELP DEFINE THE SPECTRUM OF POSSIBILITIES BETWEEN FULL COPYRIGHT -- ALL RIGHTS RESERVED -- AND THE PUBLIC DOMAIN -- NO RIGHTS RESERVED. OUR LICENSES HELP YOU RETAIN YOUR COPYRIGHT WHILE ALLOWING CERTAIN USES OF YOUR WORK. THEY HELP YOU OFFER YOUR CREATIVE WORK WITH SOME RIGHTS RESERVED.
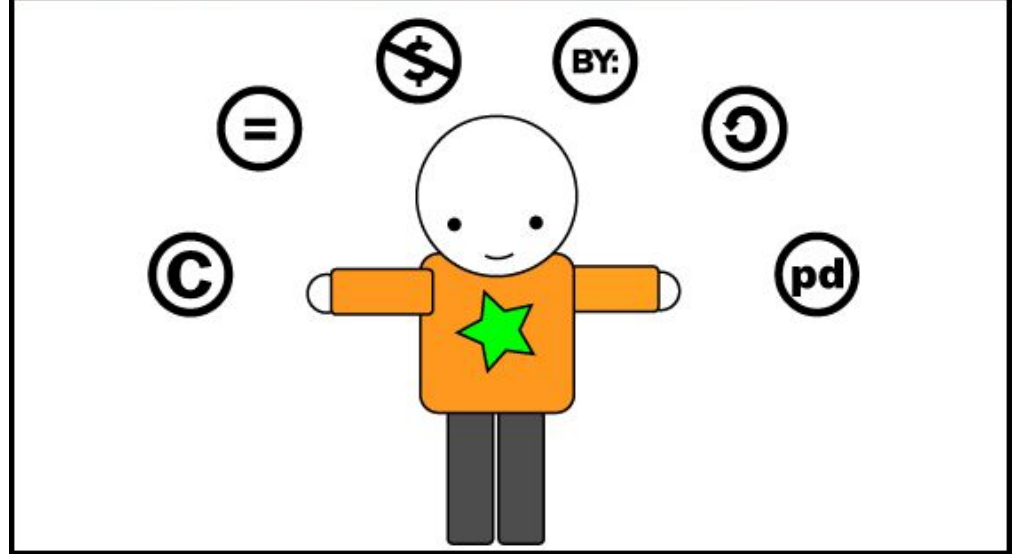
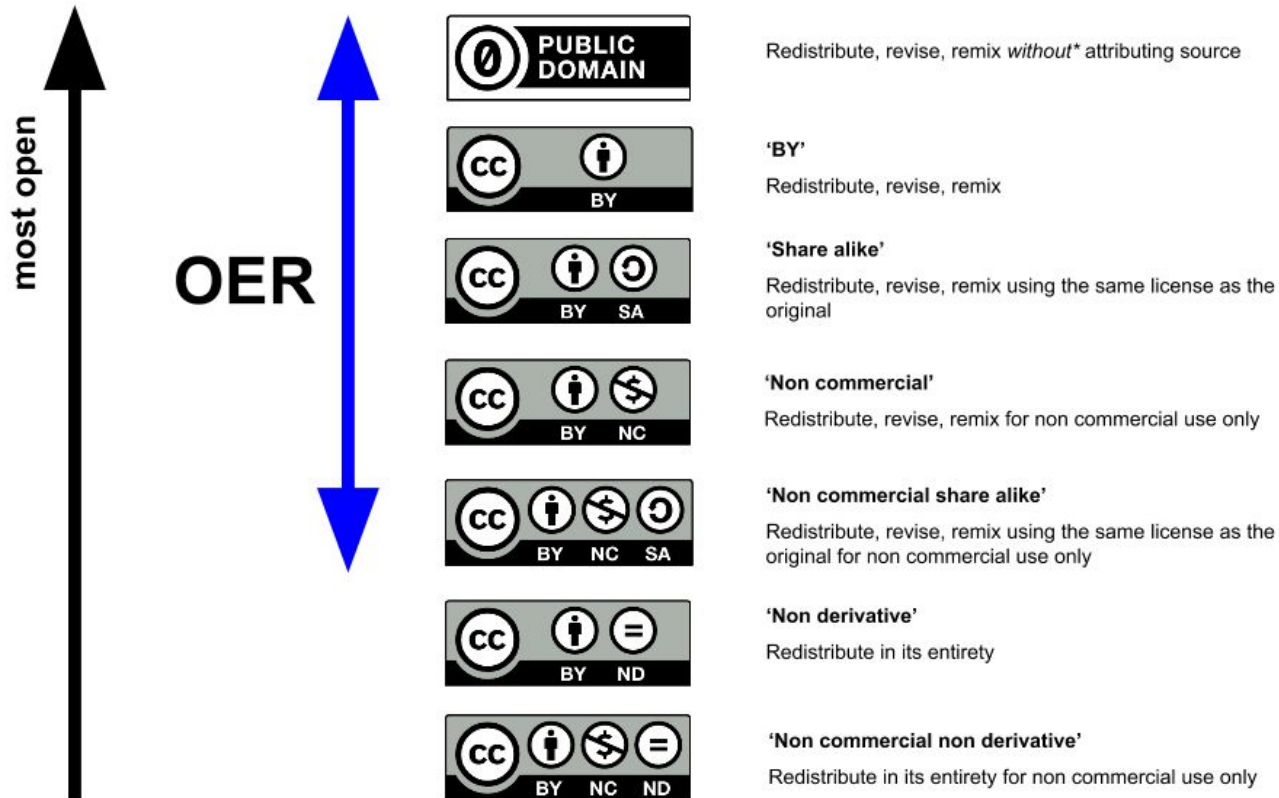# Creative Commons licenses make OERs possible

With OERs you can...

Retain

Reuse

Revise

Remix

Redistribute

Decoding Creative Commons licenses

most open ↑

OER ↕

PUBLIC DOMAIN
Redistribute, revise, remix *without** attributing source

CC BY
'BY'
Redistribute, revise, remix

CC BY SA
'Share alike'
Redistribute, revise, remix using the same license as the original

CC BY NC
'Non commercial'
Redistribute, revise, remix for non commercial use only

CC BY NC SA
'Non commercial share alike'
Redistribute, revise, remix using the same license as the original for non commercial use only

CC BY ND
'Non derivative'
Redistribute in its entirety

CC BY NC ND
'Non commercial non derivative'
Redistribute in its entirety for non commercial use only

* **BY** Indicates you must always attribute source

Resources to find OERs
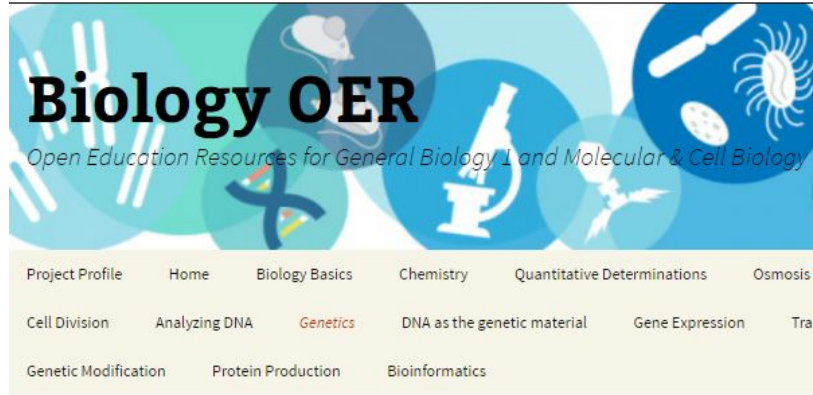
http://cityte.ch/oer

More search strategies

- Google your subject + "Libguide"
  - Ex.: "***chemistry libguide***"
- Filter with [google advanced search](#) & add "***edu***" after your keywords
- Search twitter for resources like #blacklivesmattersyllabus
- Check professional organizations/associations
- Search government data & websites:
  - Ex.: https://www.census.gov/

OER courses

Biology OER
Open Education Resources for General Biology 1 and Molecular & Cell Biology

Project Profile	Home	Biology Basics	Chemistry	Quantitative Determinations	Osmosis
Cell Division	Analyzing DNA	*Genetics*	DNA as the genetic material	Gene Expression	Trac
Genetic Modification	Protein Production	Bioinformatics			

Genetics

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1 Writing the Rules of Heredity
   1.1 Mendel's Rules of Segregation and Dominance
2 The Single Trait Cross (Monohybrid Cross)
   2.1 Corn Coloration in an F2 Population (activity)

Writing the Rules of Heredity

In the mid 1800's, an Augustinian friar named Gregor

More:

Health and Safety in Production
https://openlab.citytech.cuny.edu/ent1102/

Critical Health Psychology
https://openlab.citytech.cuny.edu/almondpsy3405hd32sp2016/

Introduction to Mechanics
https://openlab.citytech.cuny.edu/amaller1441sp2016/