

Finding and Using Open Educational Resources in k-12

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Today's Session

- Introductions
- What are Open Education & Open Educational Resources (OER)
- Where to find OER
- Using Creative Commons Licenses
- Applying OER and CC Licenses to your work





What is Open Education?

Three Pillars of Open Education

- **Open Educational Resources (OER)**
 - Educational resources, tools and practices that can be freely and fully used in the digital environment without legal, financial or technical barriers.
- **Open Educational Practices**
 - Teaching techniques that build on open and can include open pedagogy (improving OER), flipped classrooms using open resources, or open online courses available to everyone.
- **Open Educational Policy**
 - Policy that supports, encourages, or removes barriers for open education. This can be federal, state, or local policies.

What are Open Educational Resources

Open Education encompasses educational resources, tools and practices that can be freely and fully used in the digital environment without legal, financial or technical barriers. The meaning of “open” is typically defined in terms of users being able to freely exercise the five “R” rights: retain, reuse, revise, remix, and redistribute.





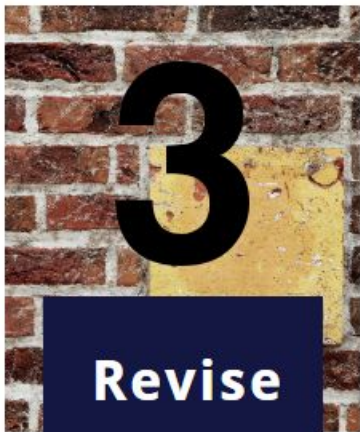
The 5 R's



Retain



Reuse



Revise



Remix



Redist
ribute



Discussion

- What have you heard about Open Education or Open Educational Resources?
- What issues or complications do you see to using OER?



Finding OER for k-12

Repositories

- OER Commons: <https://www.oercommons.org/>
 - Create free account
 - Evaluate resources or see how others evaluate it
 - Customize it to subject, educational level or standards
 - Common Core Hub: <https://www.oercommons.org/hubs/common-core>
 - North Dakota OER Hub:
<https://www.oercommons.org/hubs/North-Dakota#teachers-k-12>
- MERLOT: <https://www.merlot.org/merlot/index.htm>
 - Create free account
 - Evaluate resources or see how others evaluate it
 - Filter to audience, format and license
 - Untamed Science (No CC):
<https://www.merlot.org/merlot/viewMaterial.htm?id=548237#discussionsDiv>

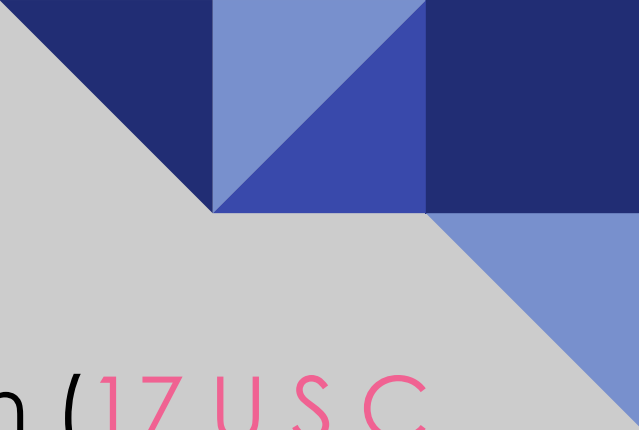
A silver laptop is open on a white desk. The screen is a solid red color with the text "Searching for OER . . ." in black, bold font centered on it. To the left of the laptop is a silver metal mug. To the right is a small teal cube-shaped object. In the foreground on the right, there are some papers with handwritten notes and a pen. The background is a white wall covered with various papers and a green star-shaped sticker.

Searching for OER . . .

Creative Commons Licenses



- **Creative Commons**
 - **History**
 - **Types**
 - **Where to look**
 - **Giving Credit/Citation**
 - **Creating a License**
 - **Court Cases**
 - **Things to remember**

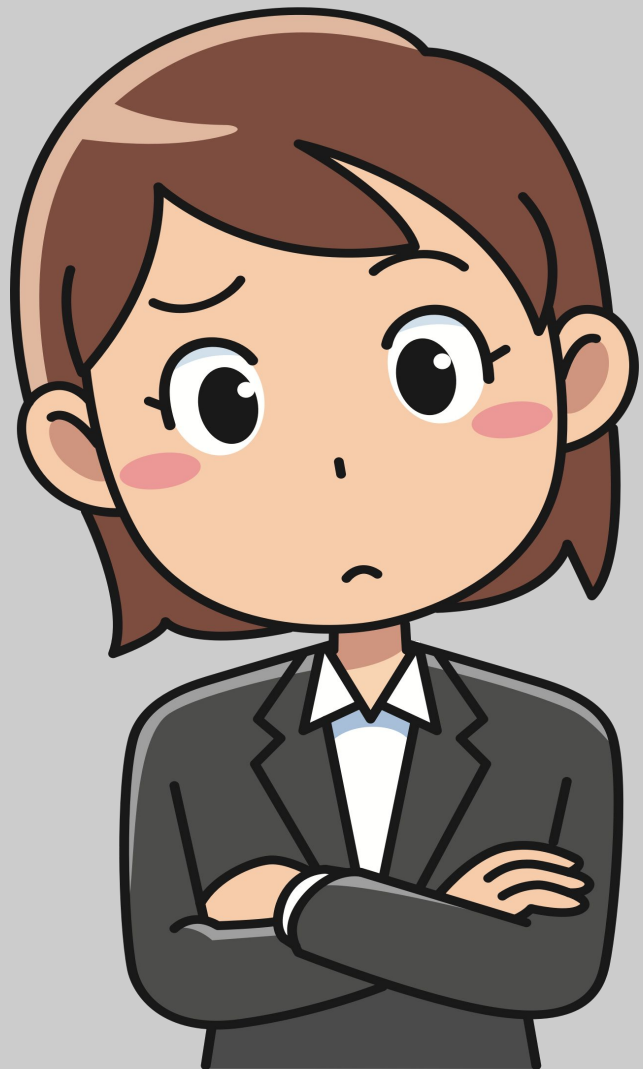
- 
- Copyright
 - Fair Use
 - Classroom Use Exemption (17 U.S.C. §110(1))
 - TEACH Act (17 U.S.C. 110(2))
 - Public Domain
 - **Creative Commons License**



Copyright
†



Creative Commons



Creative Commons is a license applied to a work is already under Copyright

It's not separate from copyright, instead it is a way to easily share copyrighted work.

Creative Commons meets copyright standards in the US and Internationally

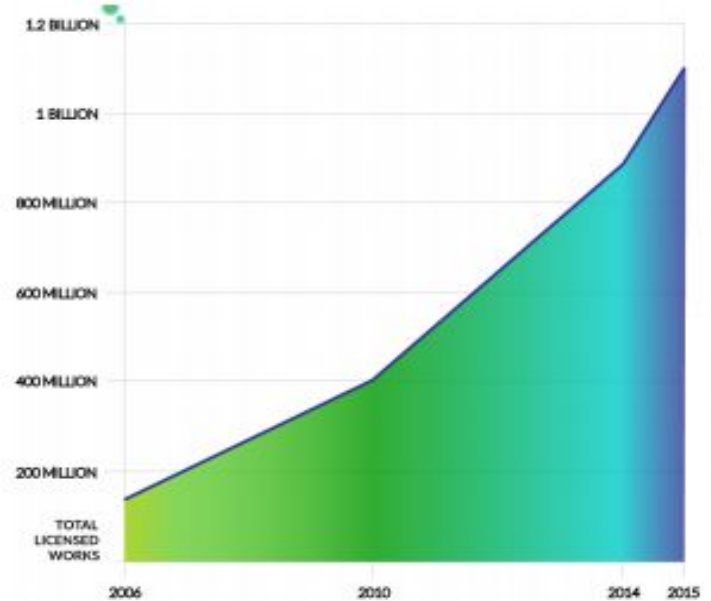
- **LEGAL CODE:** Legal tool and in a language and text format Lawyers know
- **HUMAN READABLE:** A format that the average person can Read and Understand the key terms and conditions
- **MACHINE READABLE:** Includes a summary of the key freedoms and obligations written in a format that software systems, search engines and other technology can understand.

Trending toward Openness:

With the advent of the Internet, we've entered an era of untold potential for development, growth and productivity – but one that is increasingly hindered by restrictive copyright laws and incompatible technologies. Creative Commons helps you legally share your knowledge and creativity to build a more equitable, accessible, and innovative world.

Through a Creative Commons license, your work will join a rapidly-expanding community of:

- more than **1.1 billion** openly-licensed works,
- from authors writing in **34** different languages,
- that have been viewed online **136** billion times.



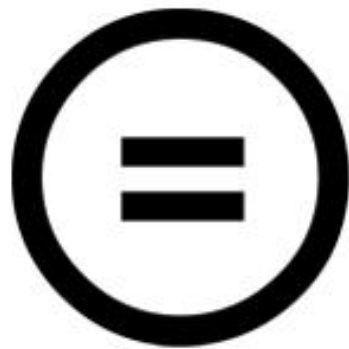
- **1.1 Billion Openly-Licensed Works**
- **34 + Different Languages**
- **136 Billion views**



BY



NC



ND



SA

Creative Commons Licenses

explained, at a glance.



You can redistribute (copy, publish, display, communicate, etc.) the works.



You have to attribute the original work (title of work, creators name, link, CC license).



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**You probably have seen materials
Licensed under CC and don't realize it!**

The game is simple. Each round, one player asks a question from a black card, and everyone else answers with their funniest white card.

Buy now on the CAH Store


Download for Free



Make your own deck for free.

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Making a set will take an hour and cost about \$10. Download the PDF for rules and printing instructions.

 Download PDF



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Extra Stuff

[Official rules](#)

[Blank white cards](#)

[Blank black cards](#)

International Editions

[UK Edition](#)

[Canadian Edition](#)

[Australian Edition](#)

∨ Fan Translations

Richard Baraniuk:

The birth of the open-source learning revolution

TED2006 · 18:34 · Filmed Feb 2006

Subtitles available in 26 languages

 [View interactive transcript](#)



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SoundCloud Music			

[Creative Commons](#)
[Search](#)

Youtube: can filter results after searching

The screenshot shows the YouTube search results page for the query 'vacation'. The search bar at the top contains the text 'vacation' and a search icon. To the right of the search bar are icons for video upload, a grid, a notification bell, and a user profile picture. Below the search bar, it says 'About 14,500,000 results' and a 'FILTER' button with a funnel icon. The main content area is a table with five columns: 'UPLOAD DATE', 'TYPE', 'DURATION', 'FEATURES', and 'SORT BY'. The 'FEATURES' column is currently expanded to show a list of options: '4K', 'HD', 'HDR', 'Subtitles/CC', 'Creative Commons' (highlighted in yellow), '3D', 'Live', 'Purchased', '360°', and 'Location'. The 'SORT BY' column shows 'Relevance' as the selected option, with other options being 'Upload date', 'View count', and 'Rating'.

UPLOAD DATE	TYPE	DURATION	FEATURES	SORT BY
Last hour	Video	Short (< 4 minutes)	4K	Relevance
Today	Channel	Long (> 20 minutes)	HD	Upload date
This week	Playlist		HDR	View count
This month	Movie		Subtitles/CC	Rating
This year	Show		Creative Commons	
			3D	
			Live	
			Purchased	
			360°	
			Location	

Advanced Search

Find pages with...

all these words:

To do this in the search box

Type the important words: tricolor rat terrier

this exact word or phrase:

Put exact words in quotes: "rat terrier"

any of these words:

Type OR between all the words you want: miniature OR standard

none of these words:

Put a minus sign just before words you don't want:
-rodent, -"Jack Russell"

numbers ranging from:

to

Put 2 periods between the numbers and add a unit of measure:
10..35 1b, \$300..\$500, 2010..2011

Then narrow your results by...

language:

any language

Find pages in the language you select.

region:

any region

Find pages published in a particular region.

last update:

anytime

Find pages updated within the time you specify.

site or domain:

Search one site (like wikipedia.org) or limit your results to a domain like .edu, .org or .gov

terms appearing:

anywhere in the page

Search for terms in the whole page, page title, or web address, or links to the page you're looking for.

SafeSearch:

Show most relevant results

Tell SafeSearch whether to filter sexually explicit content.

file type:

any format

Find pages in the format you prefer.

usage rights:

not filtered by license

Find pages you are free to use yourself.

Mason OER Metafinder (MOM)

Simultaneously search OER repositories

You need only enter text in at least one field.

Add or remove checkboxes by sources to modify search targets.

[What's an OER?](#) | [About the OER Metafinder](#)



Full Record

Title

Author

Date Range

From To

Clear

Search

All Sources

- [American Memory \(Library of Congress\)](#)
- [AMSER - Applied Math and Science Education Repository](#)
- [BC Campus Open Ed](#)
- [College Open Textbooks](#)
- [Digital Public Library of America](#)
- [Directory of Open Access Books \(DOAB\)](#)
- [HathiTrust - Full View](#)
- [Merlot.Org](#)
- [MIT OpenCourseware](#)

- [The New York Public Library Digital Collections](#)
- [QAOpen.org](#)
- [OER Commons](#)
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- [Open Textbook Library](#)
- [OpenStax CNX](#)
- [Project Gutenberg](#)
- [World Digital Library](#)

Giving Credit/Citation

- credit the creator;
- provide the title of the work;
- provide the URL where the work is hosted;
- indicate the type of license it is available under and provide a link to the license (so others can find out the license terms); and
- keep intact any copyright notice associated with the work
- Be sure to include as derivative (if you do)
- APA requires citation in three areas
 - In text
 - By the figure
 - In the references



“Vacation” by
Rasmus Larsen

Or

“Vacation” by Rasmus
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Figure 1. Sun over water. Heather Seibert, 2018, Librarian to Librarian Conference. Under Creative Commons Attribution Non-Commercial Share Alike 2.0 Generic



APA Reference List

Larsen, Rasmus. (2008). "Vacation" flickr.

<https://www.flickr.com/photos/rasimu/2789824116>





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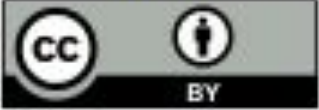





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	Attribution + ShareAlike	BY-SA
	Attribution + Noncommercial	BY-NC
	Attribution + Noncommercial + NoDerivatives	BY-NC-ND
	Attribution + Noncommercial + ShareAlike	BY-NC-SA

**There are still LEGAL consequences with
Creative Commons just as there are to
Copyright.**


**Creative Commons does not replace
copyright!**

Pay attention and know your CC License

Great Minds (GM) : K-12 Curriculum for Schools published
under the CC BY-NC-SA 4.0



FedEx. School Representatives used FedEx to print materials
for classroom distribution



Dismissed in 2017 on the grounds that FedEx was not making
profit on materials only on printing services

Great
Minds v.
FedEx
2016

Copyright — **all rights reserved** — and the public domain — **no rights reserved**. CC license helps you keep your copyright while allowing for certain use of your work— a “some rights reserved” copyright. - [Benefits](#)

- provides global recognition
- has international application
- easy to understand, find and choose
- remix ready
- provides access to infrastructure & support materials.
- remix ready
- assists with internal rights management
- reduces license proliferation
- offers integrity in its licensing model
- supports community building & a culture of sharing



Questions?



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Jeanne Hoover, hooverj@ecu.edu

About The Licenses - Creative Commons. (2014). from <https://creativecommons.org/licenses/>

Benefits of Using OER. (2018). Retrieved from <https://oer.psu.edu/benefits-of-using-oer/>

Best practices for attribution - Creative Commons. (2018). Retrieved from https://wiki.creativecommons.org/wiki/Best_practices_for_attribution

Creative Commons — Attribution-ShareAlike 4.0 International — CC BY-SA 4.0. (2018). Retrieved from <https://creativecommons.org/licenses/by-sa/4.0/legalcode>

Creative Commons and Creative Professionals | Mathys+Potestio. (2018). Retrieved from <http://mathys-potestio.com/creative-commons-creative-professionals/>

Downloads | The Universal Logo For Human Rights. (2016)). Retrieved from <https://www.humanrightslogo.net/en/download>

Education / OER. (2017). Retrieved from <https://creativecommons.org/about/program-areas/education-oer/>
form, C. S. L. C. (2015, June 16). What are Creative Commons licenses? Retrieved from <https://www.wur.nl/en/article/What-are-Creative-Commons-licenses.htm>

History. (2016). Retrieved from <https://creativecommons.org/about/history/>

How to give attribution. (2016). Retrieved from <https://creativecommons.org/use-remix/get-permission/>

Is New York's decision to spend \$8 million on OER a turning point? | Inside Higher Ed. (2018). Retrieved from <https://www.insidehighered.com/digital-learning/article/2017/04/19/new-yorks-decision-spend-8-million-oer-turning-point>

Kravets, D. (2017, February 27). Odd lawsuit fails to ding FedEx for allowing copies of CC-licensed material. Retrieved from <https://arstechnica.com/tech-policy/2017/02/odd-lawsuit-fails-to-ding-fedex-for-allowing-copies-of-cc-licensed-material/>

Permissions Guide For Educators | OER Commons. (2018). Retrieved from <https://www.oercommons.org/authoring/5800-permissions-guide-for-educators/view>

Photographer Loses Copyright Suit Over CC-Licensed Photo on Flickr. (2018)
from <https://petapixel.com/2015/08/24/photographer-loses-copyright-suit-over-cc-licensed-photo-on-flickr/>

Seibert, H. (2016) Research Guides: Open Educational Resources: Home. Retrieved
from <http://libguides.ecu.edu/c.php?g=168838&p=1107859>

Share your work. (2018) .Retrieved from <https://creativecommons.org/share-your-work/>

The Educator's Guide to Copyright, Fair Use, and Creative Commons. (2017, January 20).
Retrieved
from <https://www.theedublogger.com/2017/01/20/copyright-fair-use-and-creative-commons/>

What's the Difference Between Copyright and Creative Commons? (2013, November 22).
Retrieved
from <https://www.workmadeforhire.net/the-rest/whats-the-difference-between-copyright-and-creative-commons/>