

OER – Open Educational Resources

26. Nov. 2021 / Nicole Krüger (ZHAW)



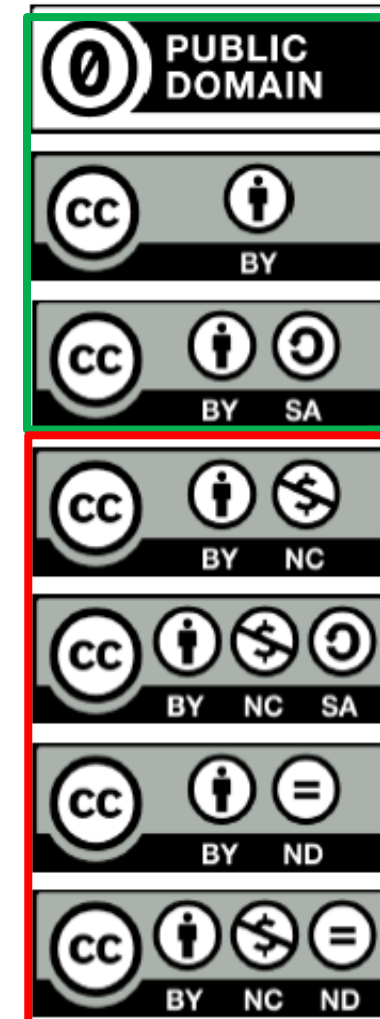
UNIFR Open Science Week 2021

What are Open Educational Resources?

TUTORIALS
PRÜFUNGEN
BILDER
QUIZES
VIDEOS
TEXTE
FOLIEN

+

In the context of
education



What are Open Educational Resources?

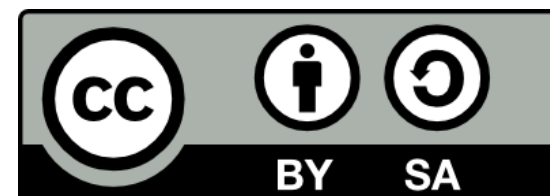
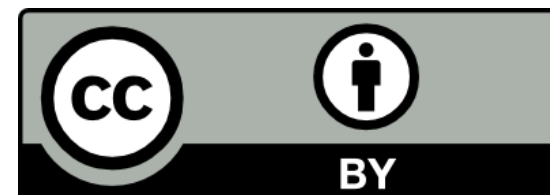
*«Open Educational Resources (OER) are teaching, learning and research materials **in any medium** – digital or otherwise – that **reside in the public domain or have been released under an open license** that permits no-cost **access, use, adaptation and redistribution** by others with no or limited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

[Unesco Definition of OER](#)

(Highlighting by me)

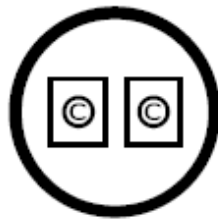
In a way it all comes down to: [Creative Commons](#)

[Creative Commons were covered in the lunch lecture on Monday, please have a look there.]

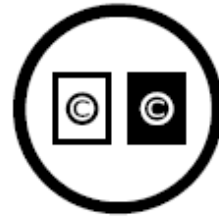


Open Educational Resources

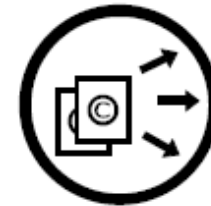
Everyone can and may



Copy



Change or
Re-Mix





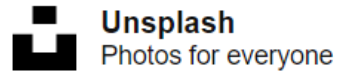





Distribute

For any purpose ...

Finding OER (international)

LINK LIST AT [HTTPS://CREATIVECOMMONS.ORG/ABOUT/PROGRAM-AREAS/EDUCATION-OER/EDUCATION-OER-RESOURCES](https://creativecommons.org/about/program-areas/education-oer/education-oer-resources)

Searches for CC content	Free materials with own licenses	«OER»-Portals and scientific materials
 <p>Wikimedia Commons</p>		
		
	 <p>thenounproject</p>	

- ❖ Even if attribution is not required for some content, it is advisable to name the origin, so you can prove where you got this content from.

Finding OER (German)



Suchliste unter
[OERinfo](#)



[OERSI](#)



DEUTSCHE DIGITALE BIBLIOTHEK
Kultur und Wissen online

[Deutsche Digitale Bibliothek](#)



[Bildungsserver Elixier](#)



[OpenLearnWare der TU Darmstadt](#)



[ZOERR: Zentrales Repositorium für Open Educational Resources \(BW\)](#)

H O O U

[H O O U – Hamburg Open Online University](#)

twillo
LEHRE TEILEN

[Twillo - OER-Portal Niedersachsen](#)

TIB AV-PORTAL

[TIB AV-Portal](#) (Videos / Audiovisuelles Material der Technischen Informationsbibliothek)

Finding OER (general search tools)

FILTER OPTIONS IN THE RESULT LISTS

Search engine	Videos & Musik	Bilder	Kulturelles Erbe
			

- + Options
- + Advanced Search
- + Usage rights

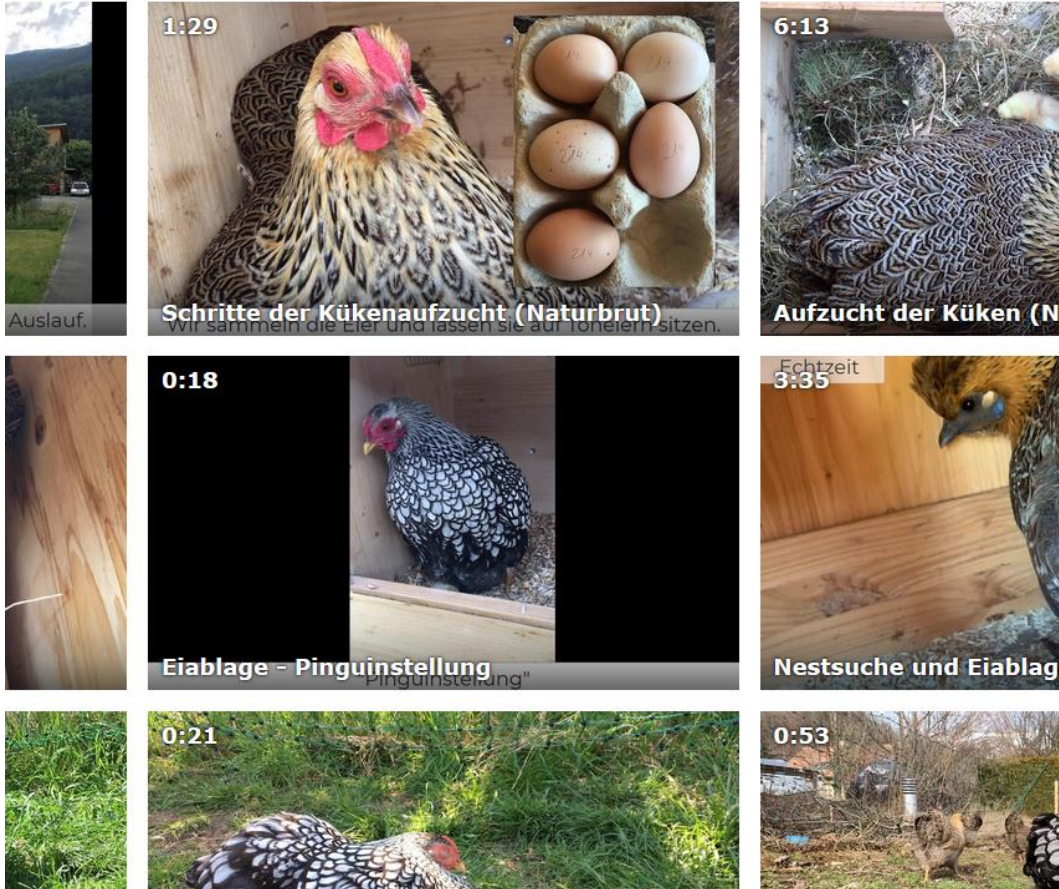
- Check at the material itself, if it really has a CC license, don't only rely on the filters.

Producing MOOCs and Videos



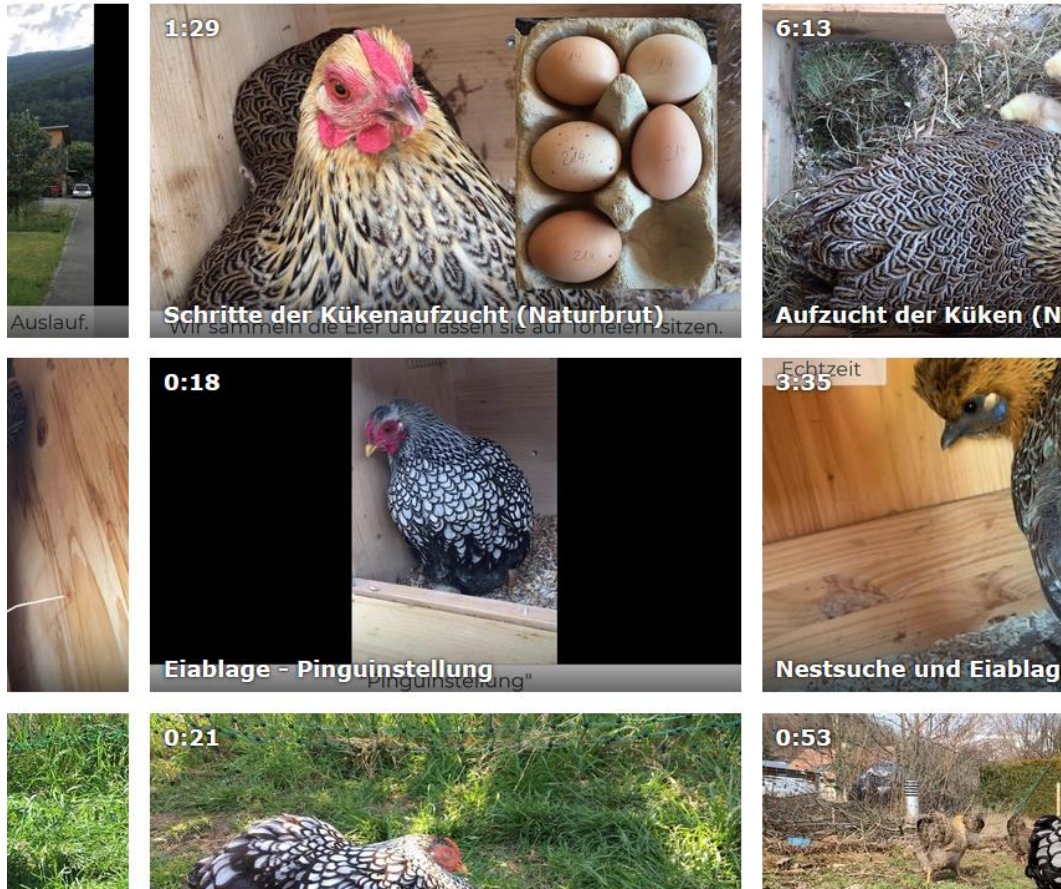
Producing a MOOC on the anatomy of chicken and the development of eggs

- Images on the web were not openly licensed
- Image portals like Flickr, Pixabay, Pexels, Unsplash have little academic content
- Books are copyright protected as well.



Videos in the Switchtube Channel "Vom Huhn zum Ei"
by Barbara Beck-Wörner / ZHAW is licensed under
[CC-BY-NC 4.0](https://creativecommons.org/licenses/by-nc/4.0/)

Producing MOOCs and Videos



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If we all share our very special academic teaching content (even single images) we enhance the pool of OER and can all save time and resources in the creation of e-learning materials.

CC BY → Visibility and earning the credits for your work.

New didactical approaches



David Weinberger

“the Smartest Person in the Room Is the Room”

→ Knowledge is not in the mind, it is between minds. / The networking of knowledge

(Slide inspired by a presentation by [Bettina Waffner](#), Learning Lab University Duisburg-Essen)

[Photo of David Weinberger](#) is licensed under [CC BY-SA 4.0](#)

OER in the Curriculum

- Students on Twitter

Learn science communication early on.

- Students writing blogs (<https://blog.zhaw.ch/eat-grow-change/>) or public learning diaries



BACHELOR UMWELTINGENIEURWESEN

Vegi-Angebot in der Schweizer Gastronomie – eine Analyse vom Boden- bis zum Genfersee

Ein Beitrag von Karin Rieben und Priska Baur

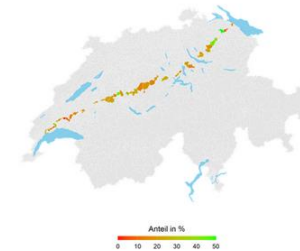


Abbildung 1: Vegi-Angebote in Schweizer Gemeinden (Karin Rieben [CC BY 4.0](#))

OER in the Curriculum

- <https://open.ed.ac.uk/wikimedia-in-education/>
- **Visibility** of
- Swiss Higher Education Institutions
- Swiss Historical, Political, Scientific developments
- [Open.ed](https://open.ed.ac.uk/) → University of Edinburgh, Lorna Campbell



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Margaret of Scotland (1489) by Hugo van der Goes. Public domain via Wikimedia Commons.

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The University of Edinburgh



Women in Religion editathon, CC-BY-SA by Dr. Alexander Chow, University of Edinburgh

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Translation Studies MSc, University of Edinburgh.

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Case Study 4
Life Sciences BSc degrees, Science Communication, Imperial College London.



North Berwick witches. Public domain via Wikimedia Commons.

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Case Study 8
Digital Media BA, Digital Cultures, Middlesex University.

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Case Study 9
Design Informatics MA/MFA and the Survey of Scottish Witchcraft Data Project, University of Edinburgh.

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Julia Stephen by Jacques-Emile Blanche. Public domain via Wikimedia Commons.

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Case Study 13
Theology and Religious Studies MA, Modern Judaism: Aspects of Life and Culture, University of Glasgow.



OER Community at ZHAW

Navigation: < Alle Teams

Team: **OER-Community** ...

Sub-teams: Allgemein, Fragen und Antworten, OER-Materialien teilen

Channel: **Allgemein** Beiträge Dateien SPS-Notizbuch 2 weitere +

Interaction: Besprechung

Link: moodle.zhaw.ch

Antworten

Freitag, 3. September 2021

Reactions: ...

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Krüger Nicole (krun) 03.09 09:47 Bearbeitet

H5P OER Hub

H5P-Inhalte aus Moodle weltweit teilen

Bisher war es schwierig, h5p-Dateien als OER bereit zu stellen - allein wegen des Datei-Formats (.h5p). Nun ist der H5P OER Hub kurz vor der Fertigstellung. Es können dort schon Dateien bereit gestellt werden, die mit dem Release

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OER at ZHAW

ZHAW digitalcollection



MOOCs at edX global or Swiss MOOC Service

Video Production

Github

Open Access publications unter CC license in
the institutional repository
ZHAW digitalcollection

Images and Graphs on Wikimedia Commons

Slides in zenodo





OER Support at ZHAW

- OER-Team at the library
 - oer.hsb@zhaw.ch
 - [OER website](#)
- Workshops and Coffee Lectures
- [OER Policy](#)



Would you share?

Where and how?

Do you have questions?



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