

OER & Open Licences

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Understanding OER and Open Licenc

- ▶ Copyright
- ▶ Public domain
- ▶ Open Educational Resources (OER)



Copyright

- ▶ These are exclusive rights, with the creators and authors to protect their original works
- ▶ It is an incentive for creativity
- ▶ It also provides financial compensation for their IPR
- ▶ But after a certain period of time, after which the work enters into the public domain.



Public Domain

- ▶ Materials that are not protected by intellectual property laws such as copyright, trademark, or patent laws.
- ▶ No individual owns these works; rather, they are owned by the public
- ▶ Work commonly lands in PD as:
 - ▶ The copyright has expired.
 - ▶ The copyright owner deliberately places the item in the Public Domain
 - ▶ When using works from the Public Domain, you do not need to credit the author nor do you need to get permission. However, it is wise to cite your sources, else this could qualify as plagiarism



Creative Commons



- ▶ An Alternative Licensing Approach
- ▶ Started by Lawrence Lessig
- ▶ It provides user friendly license for accessing and using digital contents
- ▶ Access at creativecommons.org



Concepts of Creative Commons

➤ Attribution



➤ Share Alike



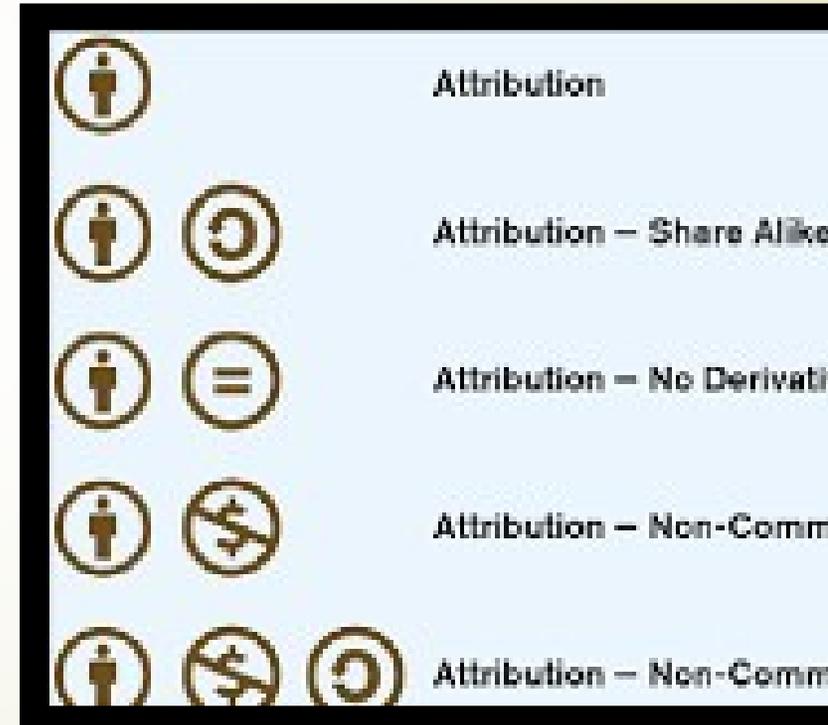
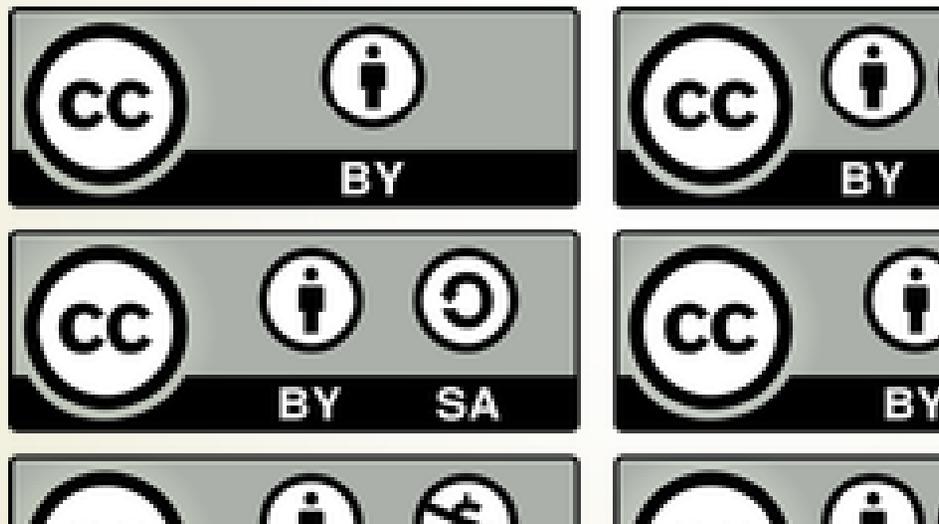
➤ Non-Commercial

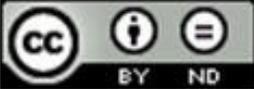


➤ Non-Derivative

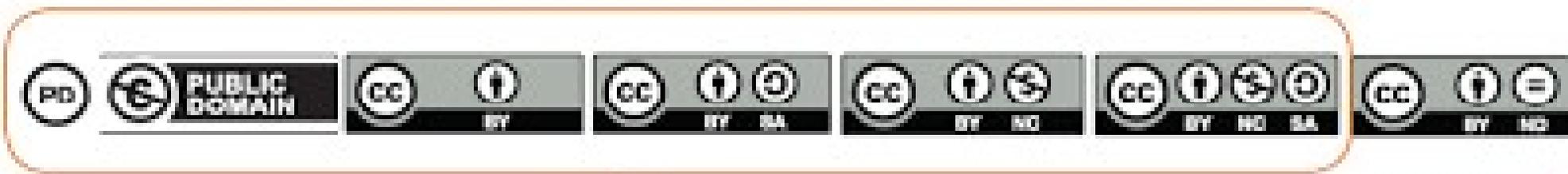


Six Licenses By Creative Commons



Licence Type	Licence conditions
Attribution 	Freely use, copy, adapt and distribute to anyone provided the copyright owner is attributed.
Attribution No Derivatives 	Freely use, copy and distribute to anyone but only in original form. The copyright owner must be attributed.
Attribution Share Alike 	Freely use, copy, adapt and distribute provided the new work is licensed under the same terms as the original work. The copyright owner must be attributed.
Attribution Non-commercial 	Freely use, copy, adapt and distribute for non-commercial purposes. The copyright owner must be attributed.
Attribution Non-commercial No Derivatives 	Freely use, copy and distribute to anyone but only in original form for non-commercial purposes. The copyright owner must be attributed.
Attribution Non-commercial Share Alike 	Freely use, copy, adapt and distribute for non-commercial purposes provided the new work is licensed under the same terms as the original work. The copyright owner must be attributed.

License Restrictions



Least restrictive

CC Licenses Uses Possible

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 CC BY-ND		✓	✓	✓	✗	✓
 CC BY-NC		✓	✓	✗	✓	✓
 CC BY-NC-SA		✓	✓	✗	✓	✗
 CC BY-NC-ND		✓	✓	✗	✗	✓

 You can redistribute (copy, publish, display, communicate, etc.)	 You have to attribute the original work	 You can use the work commercially	 You can modify and adapt the original work	 You can choose license type for your adaptations of the work.
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How to Attribute?

Follow TASL

- ▶ TITLE
- ▶ AUTHOR
- ▶ SOURCE (LINK)
- ▶ LICENSE



Ethical Use of Information

- ▶ Citation: Helps to avoid plagiarism
- ▶ Use of Copyrighted material is not allowed
- ▶ Use of materials in public domain
- ▶ Use of Information or data which is not copyrighted

CC Search

- ▶ Google Advanced Search
- ▶ Creative Commons Search:

<https://ccsearch.creativecommons.org/>

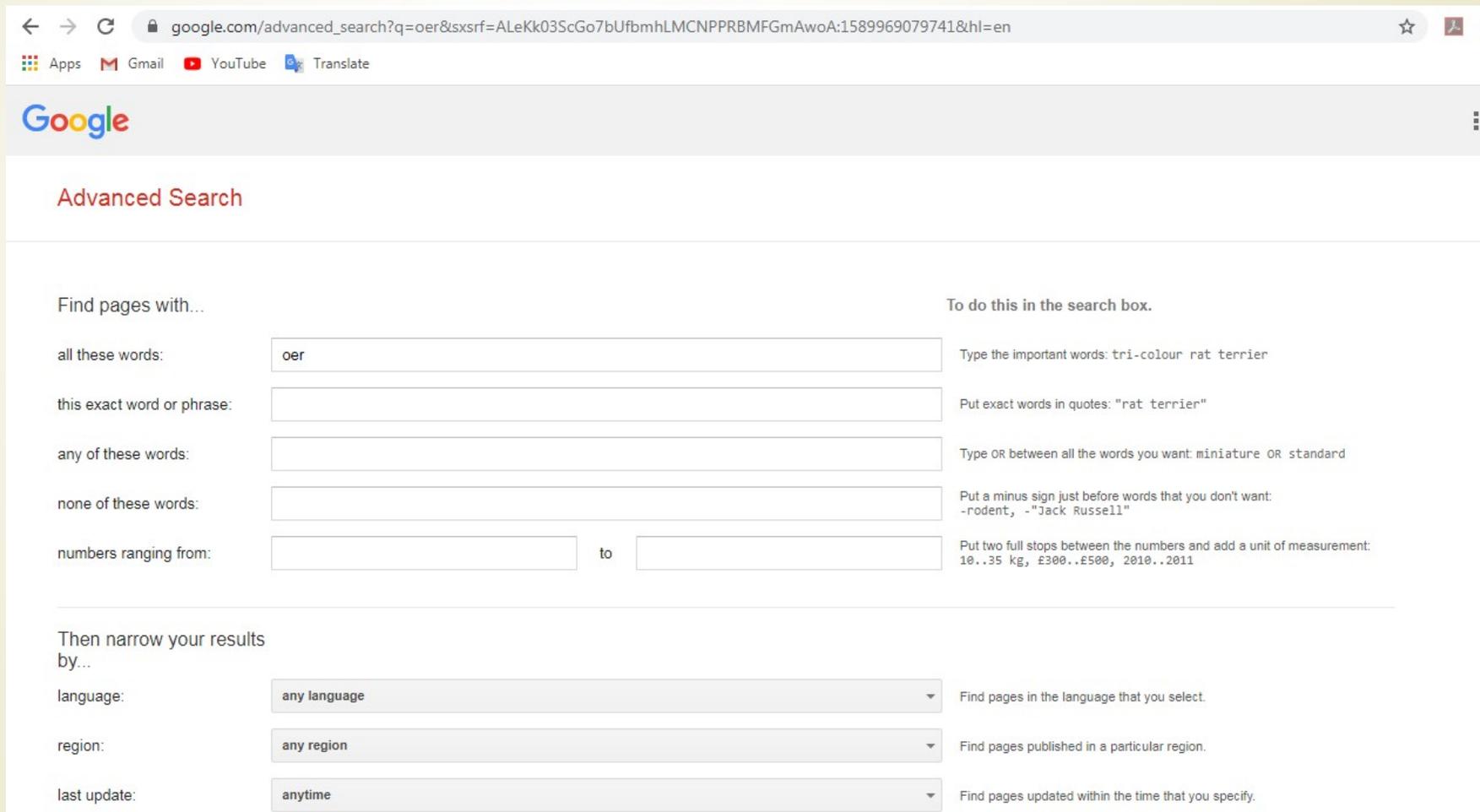
- ▶ JORUM: <http://www.openwa.org/>: The UK's largest repository for OER in a variety of subjects.
- ▶ Xpert: <https://www.nottingham.ac.uk/xpert/>
- ▶ Connecting Repositories: <https://core.ac.uk/>
- ▶ BASE: <https://www.base-search.net/about/en/>
- ▶ FreeFullPDF: <https://www.freefullpdf.com/#gsc.tab=0>
- ▶ Directory of OER: <http://doer.col.org/>
- ▶ Unsplash: <https://unsplash.com/>
- ▶ Pixabay: <https://pixabay.com/>

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Google Advance Search



The screenshot shows the Google Advanced Search interface. At the top, the browser address bar displays the URL: `google.com/advanced_search?q=oer&sxsrf=ALeKk03ScGo7bUfbmhLMCNPPRBMFGmAw0A:1589969079741&hl=en`. Below the address bar are navigation icons for Apps, Gmail, YouTube, and Translate. The Google logo is prominently displayed. The main heading is "Advanced Search".

The "Find pages with..." section contains five rows of search criteria:

- all these words:** Input field contains "oer".
- this exact word or phrase:** Empty input field.
- any of these words:** Empty input field.
- none of these words:** Empty input field.
- numbers ranging from:** Two empty input fields separated by "to".

To the right of these fields, under "To do this in the search box.", are instructions for each criterion:

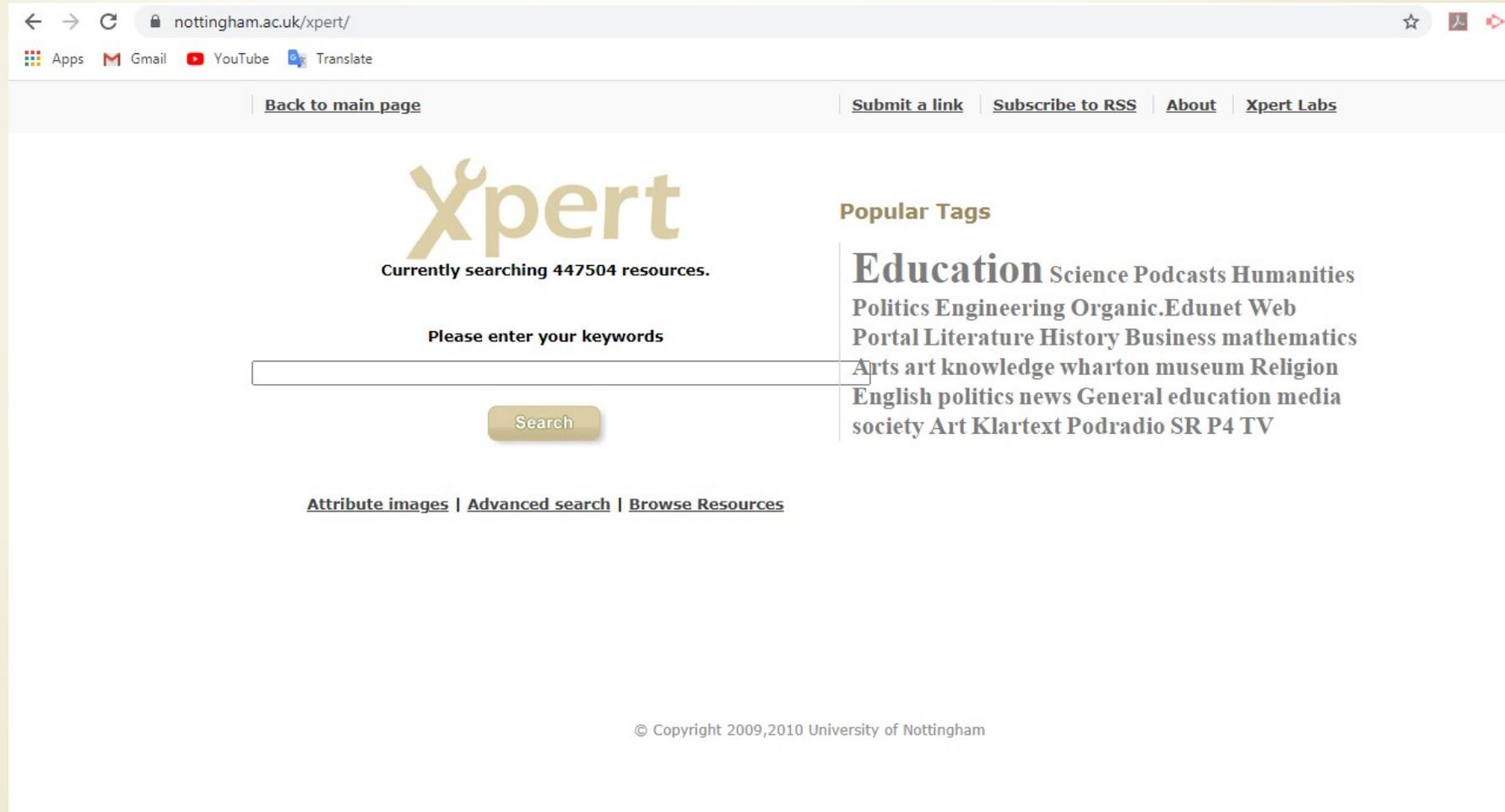
- For "all these words": "Type the important words: tri-colour rat terrier"
- For "this exact word or phrase": "Put exact words in quotes: \"rat terrier\""
- For "any of these words": "Type OR between all the words you want: miniature OR standard"
- For "none of these words": "Put a minus sign just before words that you don't want: -rodent, -\"Jack Russell\""
- For "numbers ranging from": "Put two full stops between the numbers and add a unit of measurement: 10..35 kg, £300..£500, 2010..2011"

The "Then narrow your results by..." section contains three filter rows:

- language:** Dropdown menu set to "any language".
- region:** Dropdown menu set to "any region".
- last update:** Dropdown menu set to "anytime".

Each filter row includes a brief instruction on the right, such as "Find pages in the language that you select."

Xpert



← → ↻ nottingham.ac.uk/xpert/ ☆

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Xpert

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Jorum

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Google Custom Search

Sign in Get started

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The most widely adopted open textb...
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Developing the next generation of op...
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Provide open textbooks in math
- Open SUNY**
Open textbook publishing initiative es...
- PDXOpen**
An open access textbook publishing i...
- Book Bucket**
This collection houses a copy of text...
- Open Textbook Library**
Provides 717 open textbooks with m...

Open Course Materials

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The official repository of all deliverabl...
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- MIT OpenCourseWare**
Features the materials from 2,015 MI...
- JHSPH Open**
Provides 110 courses in Health and ...
- Open Course Library**
81 open course packages, including ...
- Open Yale Courses**
Features the video lectures of 42 ren...
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This book covers R software develop...
- Florida's Orange Grove**
Open resources that have been edit...

Open Images

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Features items from the Library's digi...
- CC Search Collection**
CC Search searches across more th...
- Getty Search Gateway**
All images of public domain artworks ...
- Duke Digital Repositories**
Continue to acquire and provide acce...
- Unsplash**
Download the perfect abstract picture...
- Flickr CC collection**
Many Flickr users have chosen to off...
- Noun project**
Sagittarius icons. SVG and PNG dow...

Open Videos & Audios

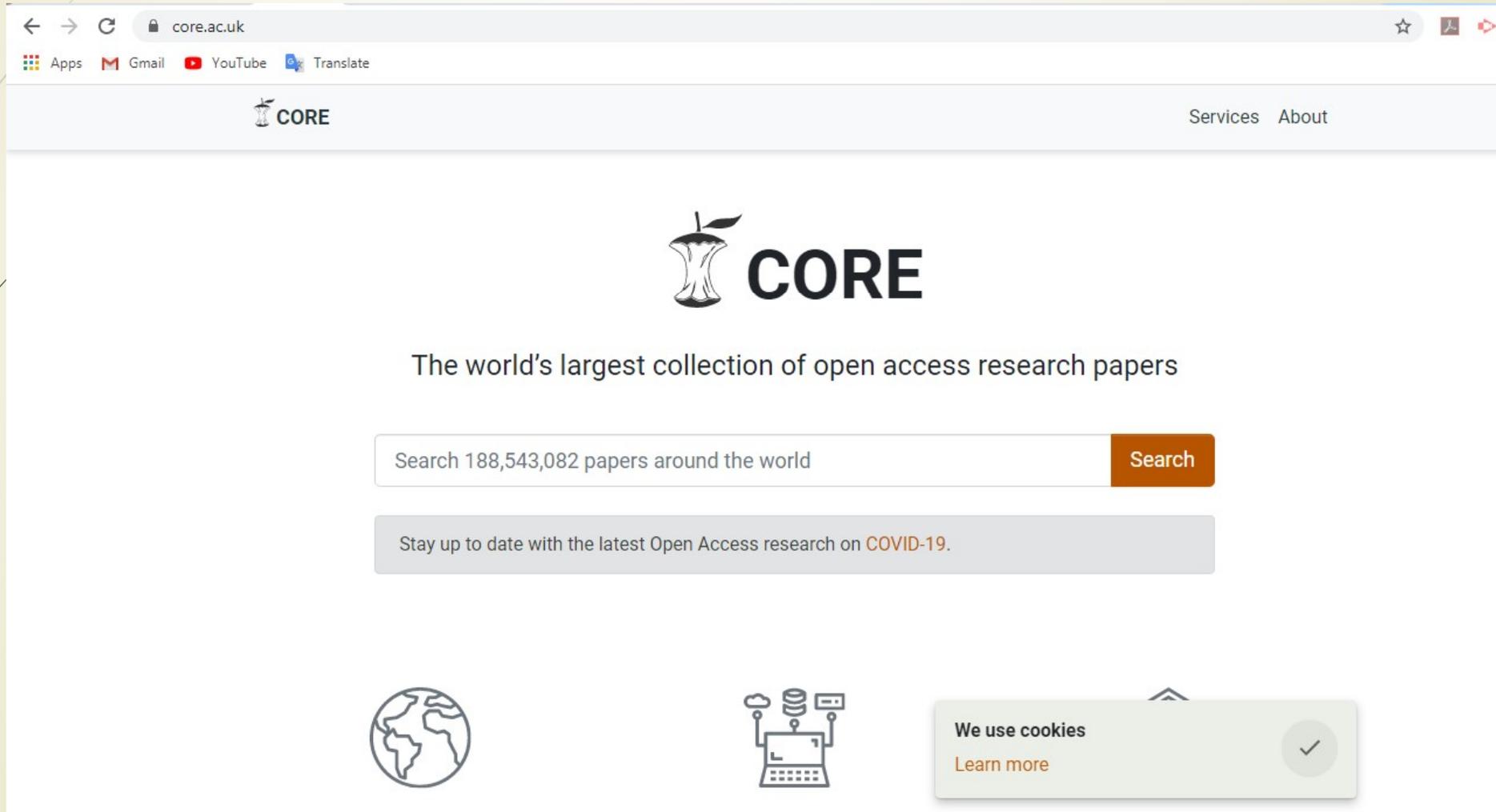
- TED**
TED allows the users to freely view...
- YouTube**
Provides millions of Creative Comm...
- Vimeo**
Hosts millions of Creative Commo...
- Khan Academy**
Provides top-quality educational vi...
- Internet Archive**
A non-profit library of millions of fre...

Open App/Platform

- MyOpenMath**
A free, open source, online course...
- Open Attribution Builder**
Help you easily cite open material y...

Contact

CORE



The image shows a browser window displaying the CORE website. The browser's address bar shows the URL 'core.ac.uk'. Below the browser window, the website's header features the CORE logo (an apple core) and the text 'CORE' on the left, and 'Services About' on the right. The main content area features a large heading 'CORE' next to the apple core logo, followed by the tagline 'The world's largest collection of open access research papers'. A search bar contains the text 'Search 188,543,082 papers around the world' and a 'Search' button. Below the search bar is a grey box with the text 'Stay up to date with the latest Open Access research on COVID-19.' At the bottom of the page, there are three icons: a globe, a laptop with a database symbol, and a cookie consent banner that reads 'We use cookies' with a 'Learn more' link and a checkmark button.



core.ac.uk



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Services About



The world's largest collection of open access research papers

Search 188,543,082 papers around the world

Search

Stay up to date with the latest Open Access research on COVID-19.



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BASE



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What is BASE?

BASE is one of the world's most voluminous search engines especially for academic web resources. BASE provides more than 150 million documents from more than 7,000 [sources](#). You can access the full texts of about 60% of the indexed documents for free (Open Access). BASE is operated by Bielefeld University Library.

We are indexing the metadata of all kinds of academically relevant resources – journals, institutional repositories, digital collections etc. – which provide an OAI interface and use OAI-PMH for providing their contents (see our [Golden Rules for Repository Managers](#)).

The index is continuously enhanced by integrating further sources (you can [suggest a source which is not indexed yet](#)). We are working on several new features like a [claiming service for authors](#) within the ORCID DE project.

BASE is a registered [OAI service provider](#). Database managers can [integrate the BASE index](#) into their local infrastructure (e.g. meta search engines, library catalogues). Further on there are several [tools and services](#) for users, database and repository managers.

In comparison to commercial search engines, BASE is characterised by the following features:

- Sources are indexed only after check by qualified personnel of Bielefeld University Library
- Only document servers and journals that comply with the specific requirements of academic quality and relevance

Further information

[Publications](#)

Quick access

[Help](#)

[FAQ](#)

[Suggest source](#)

Free Full PDF

The screenshot shows a web browser window with the URL `freefullpdf.com/#gsc.tab=0`. The browser's address bar includes navigation icons (back, forward, refresh) and a star icon for bookmarks. Below the address bar, there are quick links for 'Apps', 'Gmail', 'YouTube', and 'Translate'. The main content area features the 'FreeFullPDF' logo, which consists of a green circular icon with a magnifying glass and a question mark, followed by the text 'FreeFullPDF' in a bold, green, sans-serif font. Below the logo, the heading 'Download Free Scientific Publications' is displayed in a dark grey font. Underneath this heading, a horizontal list of categories is shown: 'Life sciences - Health sciences - Physics sciences - Mathematics - Social sciences & Humanities'. A search bar is positioned below the categories, containing the text 'ENHANCED BY Google' and a search icon. At the bottom of the page, a navigation menu includes icons and text for 'Home', 'About', 'Advanced', 'Advertising', and 'Contact Us'. The footer contains the copyright notice '© 2020 knowmade • All Rights Reserved' and social media icons for Facebook and Twitter.

← → ↻ `freefullpdf.com/#gsc.tab=0` ☆

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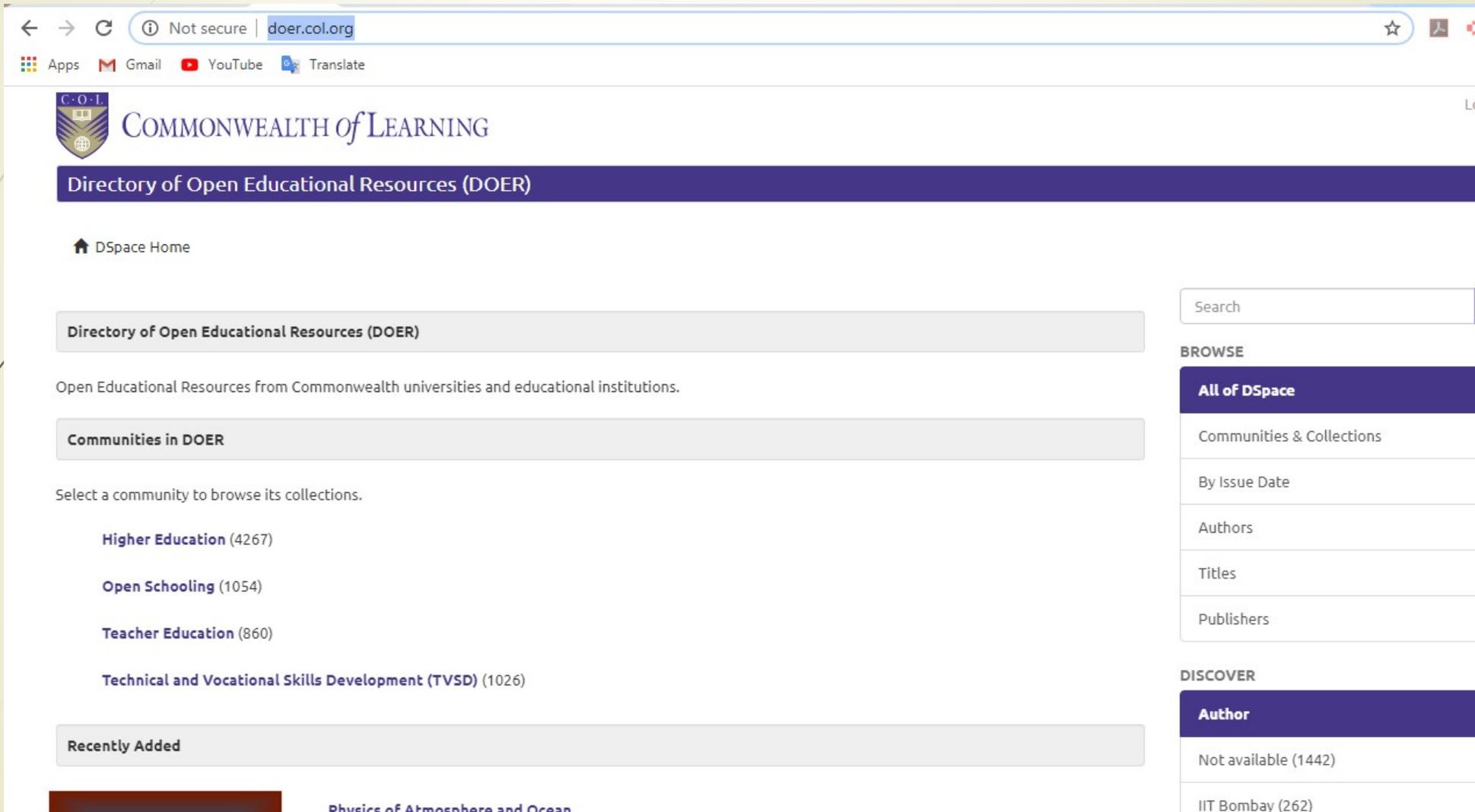
Life sciences - Health sciences - Physics sciences - Mathematics - Social sciences & Humanities

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DOER



The screenshot shows a web browser window with the URL `doer.col.org`. The page features the Commonwealth of Learning logo and a navigation menu. The main content area is titled "Directory of Open Educational Resources (DOER)" and includes a "DSpace Home" link. A search bar is located on the right side. The "BROWSE" section lists "All of DSpace" and "Communities & Collections". The "DISCOVER" section lists "Author" and "Not available (1442)".

← → ↻ ⓘ Not secure | `doer.col.org` ☆

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 COMMONWEALTH of LEARNING

Directory of Open Educational Resources (DOER)

🏠 DSpace Home

Directory of Open Educational Resources (DOER)

Open Educational Resources from Commonwealth universities and educational institutions.

Communities in DOER

Select a community to browse its collections.

- Higher Education** (4267)
- Open Schooling** (1054)
- Teacher Education** (860)
- Technical and Vocational Skills Development (TVSD)** (1026)

Recently Added

Physics of Atmosphere and Ocean

Search

BROWSE

- All of DSpace**
- Communities & Collections
- By Issue Date
- Authors
- Titles
- Publishers

DISCOVER

- Author**
- Not available (1442)
- IIT Bombay (262)



Courses

- ▶ [Edx](#)
- ▶ [Open2study](#)
- ▶ [Academic Earth](#)
- ▶ [Bridge to Success](#)
- ▶ [LearningSpace from Open University](#)
- ▶ [OCW Utah](#) Open education course materials aimed at a high school level.
- ▶ [Open Course Library](#) The WA Open Course Library project readings in these course files.
- ▶ [Saylor.org](#) Saylor offers full courses online. [Open Learning Initiative](#)
:Carnegie Mellon University
- ▶ [Noba - Psychology Modules](#)

Multimedia Resources

- [Geogebra](#)
- [PhET Science Simulations](#) University of Colorado
- [Wikimedia Commons](#)
- [HippoCampus](#) a project of the Monterey Institute of Technology and Education (MITE)
- [Jamendo](#) Music
- [Teacher Tube](#)
- [YouTube](#)-Some videos
- [Olabs](#) online labs
- [Avogadro](#): For Chemistry
- [Marble](#): For Social sciences



Books

- [OpenStax College](#) Rice Connexions
- [College Open Textbooks](#): funded by the Hewlett Foundation
- [Open Textbook Library](#) University of Minnesota
- [BC OpenEd](#) British Columbia faculty
- [Global Textbook Project](#) University of Georgia
- [WikiBooks](#): Wikimedia Foundation
- [Project Gutenberg](#) full text of classics and public domain works
- [FreeBooks4Doctors](#) Free medical textbooks
- [Lyryx Open Textbooks](#) Lyryx offers high-quality open textbooks in the fields of accounting, mathematics, and economics.
- [Bloomsbury](#)

Large Repositories

- [Mason OER Metafinder](#): This search engine from George Mason University is connected to 15 major OER repositories.
- [Merlot](#): This repository is one of the biggest and more famous places to find and share teaching resources.
- [Connexions](#): Large repository of individual teachers' content, some courses and lots of modular writings about a variety of topics.
- [OER Commons](#): This resource seeks to collect and distribute a variety of OER at a variety of levels and subjects.
- [Orange Grove](#): Florida's collection of open ed sources.
- [Quantitative Undergraduate Biology Education and Synthesis \(QUBES\)](#): This repository contains learning materials, software, data, and models for teaching quantitative skills in undergraduate biology courses. QUBES is developed in part by faculty at the University of Pittsburgh.
- [Curiki](#): Open educational materials for K-12.
- [Open Scout](#): UK based database of business skills teaching resources. Includes articles, tutorials, video and more in a variety of languages.
- [AMSER](#): Materials in the Applied Math and Science Educational Repository are free for use and adaptation. Resources are at the high school and community college levels.
- [Free](#): The mission of Free is to make the learning resources of the US Government easier to find. There are courses, lessons, objects, and tools for teaching from the federal government located here.
- [Edsitement!](#): Learning objects and lessons from the National Endowment for the Humanities. It offers a large collection of peer evaluated websites.
- [Community of Online Research Assignments](#): Open resource for faculty and librarians about Research Assignments. A research assignment is anything that requires students to engage with information resources in a critical or reflective way. This most often includes finding, retrieving, analyzing and evaluating, using and integrating, or organizing the information in order to produce new knowledge.
- [OpenCulture](#): This blog formatted repository seeks to bring together free resources on culture and education. A list of movies here is impressive.



References

- ▶ https://en.wikipedia.org/wiki/Information_society
- ▶ "[internet marketing strategies](#)" by [SEO](#) is licensed under [CC BY-SA 2.0](#)
- ▶ https://www.philau.edu/infolit/what_students.htm
- ▶ https://media.lib.ecu.edu/DE/tutorial/OER/Information_Literacy_Concepts.pdf
- ▶ <https://ccsearch.creativecommons.org/>
- ▶ https://commons.wikimedia.org/wiki/Main_Page
- ▶ <https://creativecommons.org/licenses/>



Thanks!

 Question and Answers

Locating General CC Content

- ▶ **Portland Community College librarians Libguides**

<https://drive.google.com/drive/folders/0B7BlfcMmDcOMcm5sR0daV0dKM3>

- ▶ **Discipline-Specific OER from Virginia Tech**

<https://guides.lib.vt.edu/oer/subjects>

- ▶ **University of New Hampshire**

<http://libraryguides.unh.edu/c.php?g=326958&p=2190442>

- ▶ **University of Houston-Victoria**

<https://library.uhv.edu/friendly.php?s=OER/Disciplines>

<https://creativecommons.org/about/program-areas/education-oer/education-oer-resources/>