

[Hands-on- Activity]

Open Educational Resources

What are OERs?

Open Educational Resources (OER) are teaching and learning materials that are freely available online for everyone to use, whether you are an instructor, student or self-learner. Examples of OER include: full courses, course modules, syllabi, lectures, homework assignments, quizzes, lab and classroom activities, pedagogical materials, games, simulations, and many more resources contained in digital media collections from around the world. JISC OER Infokit

Useful resources

JISC OER Toolkit:

<https://openeducationalresources.pbworks.com/w/page/24836860/What%20are%20Open%20Educational%20Resources>

Open Learn (Over 600 free courses from the Open University): <http://openlearn.open.ac.uk/>

MIT Open Courseware initiative (over 2000 free courses, lectures notes and materials) : <http://ocw.mit.edu/index.htm>

LSE DELILA project: <http://opendelila.wordpress.com>

Kings OER Project website: <http://keats.kcl.ac.uk/course/category.php?id=11>

UNESCO OER <http://www.unesco.org/new/en/communication-and-information/access-to-knowledge/open-educational-resources/>

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Name/Details of the Site	Web Link
OER Commons	www.oercommons.org
NPTEL	www.youtube.com/nptelhrd http://nptel.iitk.ac.in/
SAKSHAT	www.sakshat.org
National Repository of Open Education Resources	http://nroer.gov.in/home/
Teacher Portal (Class room resources)	http://www.teachersofindia.org/en
Open Resources for Schools (Home baba Centre for Science and Education)	http://www.hbcse.tifr.res.in/research-development/projects/open-educational-resources-for-schools-oer4s
National Institute of Open Learning	http://www.nios.ac.in/online-course-material.aspx
Lecture fox	http://www.lecturefox.com
MIT	http://techtv.mit.edu http://ocw.mit.edu http://video.mit.edu/
Berkeley University	http://ocw.uci.edu
Yale University	http://oyc.yale.edu
Princeton University	www.princeton.edu/webmedia
John Hopkins University	http://ocw.jhsph.edu
Rice University	http://cnx.org
Carnegie Mellon University	http://www.cmu.edu/oli

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Tufts Open Courseware	http://ocw.tufts.edu
University of Notre Dame	http://ocw.nd.edu
Utah State University	http://ocw.usw.edu
Utah Open Courseware Alliance	http://uocwa.org
Paris Tech Graduate School	http://graduateschool.paristech.org
Open University of Nederland	http://ocw.tudelft.nl
University of Southern Queensland	http://ocw.usq.edu.au/
New Zealand OER Project	http://www.repository.ac.nz
United Nations University	http://www.ocw.unu.edu
Vietnam	http://ocw.vn/index.ocw http://ocw.fetp.edu.vn/home.cfm
Open Courseware Mexico	http://ocw.itesm.mx
Open Courseware Consortium	http://www.ocwconsortium.org/
Open learning object repository: (Merlot)	http://www.merlot.org/merlot/materials.htm?materialType=Learning%20Object%20Repository&category=372822&sort.property=overallRating
Open textbooks: (Connexions)	http://cnx.org
Aggregated video: Academic Earth	http://www.academicearth.org
Mixed Media: Wikimedia	http://en.wikipedia.org/wiki/Mixed_media
University of Minnesota: (Open academics textbook catalog)	https://open.umn.edu/opentextbooks/
Open access research: (DOAJ)	www.doaj.org
Open textbooks for K12: (Siyavula)	http://www.siyavula.com/
Khan Academy	https://www.khanacademy.org/
OER Africa	http://www.oerafrica.org/
Carnegie Mellon University (Open Learning Initiative)	http://oli.cmu.edu/learn-with-oli/see-our-free-open-courses/
The Open Video Project	http://www.open-video.org/
WiKiEducator Project	http://wikieducator.org/Main_Page
WiKiiversity	http://en.wikiversity.org/wiki/Wikiversity:Main_Page
Project Oscar (Open Source Courseware Animations repository)	http://oscar.iitb.ac.in/oscarHome.do;jsessionid=71850E51474C038380686931C2F2AB72

Finding OERs

Jorum (UK repository for teaching and learning materials): <http://jorum.ac.uk>

LSE Learning Resources Online: <http://learningresources.lse.ac.uk/>

DiscoverEd (find materials licensed under Creative Commons):
<http://wiki.creativecommons.org/DiscoverEd>

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Xpert (tool for finding OERs from Nottingham University): <http://xpert.nottingham.ac.uk/>

OER Commons (find resources for all educational levels) : <http://www.oercommons.org/>

A longer list of resources is available at:

<https://openeducationalresources.pbworks.com/w/page/27045418/Finding%20OERs>

Evaluating OERs

DELILA Evaluation Criteria for Digital and Information Literacy OERs:

http://delilaopen.files.wordpress.com/2010/10/delila_criteria-for-evaluating-oersv2.doc

JISC Evaluation and Synthesis Wiki: <https://oersynth.pbworks.com/w/page/29595671/OER-Synthesis-and-Evaluation-Project>



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Hands-on activity

Visit the Jorum website (<http://jorum.ac.uk>) and search for an OER related to your subject area.
OR explore the KCL resources in academic practice (<http://keats.kcl.ac.uk/course/category.php?id=11>).

Using the form below, consider how you might use this resource in your teaching and evaluate the resource using the form below. If you finish this activity, search for OERs in another collection and carry out second evaluation. Please ask for an additional form.

Name of resource:

Brief description:

- 1. What is your immediate reaction to the resources (in terms of accessibility, layout, intuitiveness, coherence as a package)**

a) *Is the resource specific and practical?*

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b) *Reusability: can the resource be adapted to suit others needs?*

c) *Is the resource accessible and structured logically?*

2. How might you use this resource in your teaching?

a) *Would you adapt it or use it as it is?*

b) *What issues can you foresee if you used this resource?*

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c) *What advantages for using this resource, as opposed to creating your own material?*

3. **What will students be able to learn from this resource?**