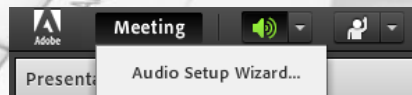


Welcome to Teaching + Learning Tuesdays

March 28, 2017 | 2:30PM

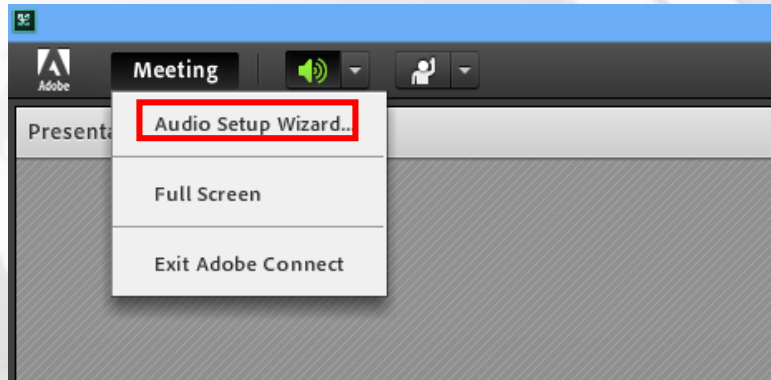
Please adjust your audio using the Audio Setup option under the Meeting menu.



Teaching + Learning Tuesday



Audio Setup Wizard



Finding & Adopting OER

Teaching and Learning Tuesday
South Carolina Technical College
March 28, 2017



Heather Blicher

Online Learning Librarian

Northern Virginia Community College

Extended Learning Institute

hblicher@nvcc.edu





...open education is an opportunity for librarians and libraries to lead institutional change by connecting people and resources in the most effective ways possible.

Jensen, K., & West, Q. (April 2015). Open educational resources and the higher education environment: A leadership opportunity for libraries. *College & Research Library News*, Volume 76 (pp 215-218). Retrieved from <http://crln.acrl.org/>

OER @ NOVA

WHAT TO EXPECT
WHEN LIBRARIANS ARE EMBEDDED
IN YOUR ONLINE COURSE

Have you heard?

Northern Virginia Community College's Extended Learning Institute (ELI) supports 60+ online courses & 300+ course sections with an embedded librarian.

WHAT DO EMBEDDED LIBRARIANS DO?

- Host "Ask Your Librarian" discussion forums within Blackboard courses.
- Create video tutorials demonstrating use of online resources.

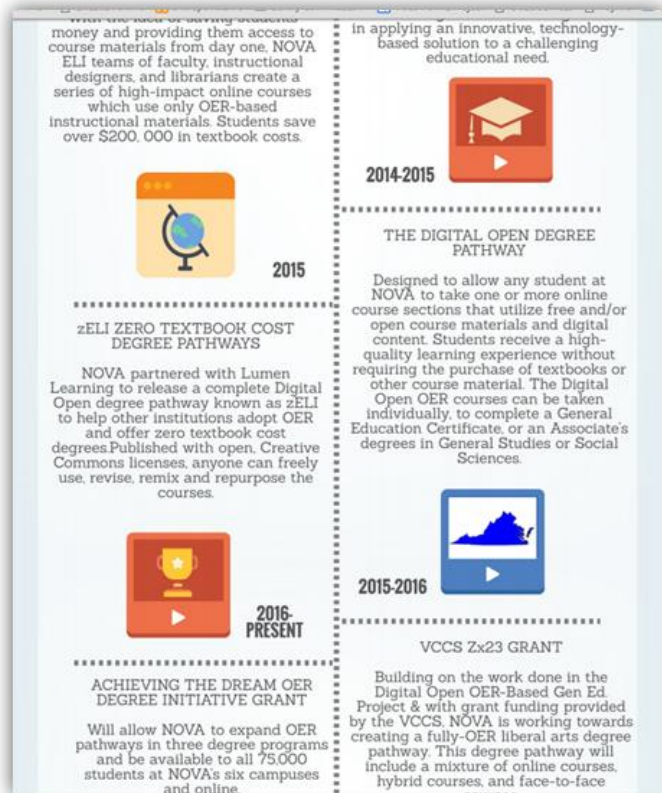
▷ Online Learning Librarian

Librarian for all online students
@ NOVA

Run an embedded librarian program;
60+ subject areas and 300+
sections

Work with faculty and instructional
designers in developing and/or
redesigning OER courses

OER @ NOVA



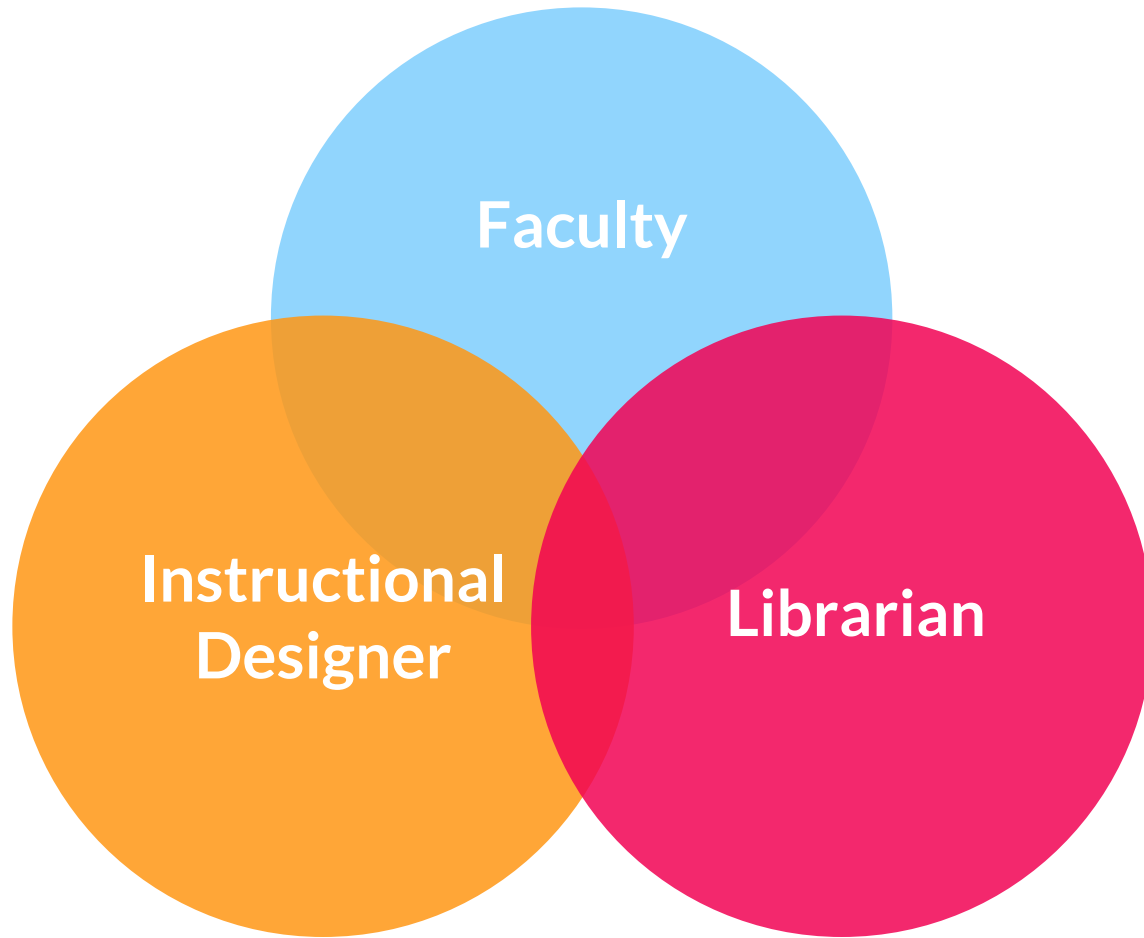
- ▷ Digital Open Courses (2013-2014)
- ▷ Digital Open Degree Pathway (2014-2015)
 - General Education Certificate Program
 - Associates degree in General Studies
 - Associates degree in Social Sciences
- ▷ zELI Zero Textbook Cost Degree Pathways (2015)
- ▷ Achieving the Dream OER Degree Initiative Grant (2016-Present)

Fall Semester Snapshot



- ▷ Approx. 15% of ELI course sections are OER
- ▷ Approx. 20% of ELI student enrollments are in OER courses

OER Collaboration

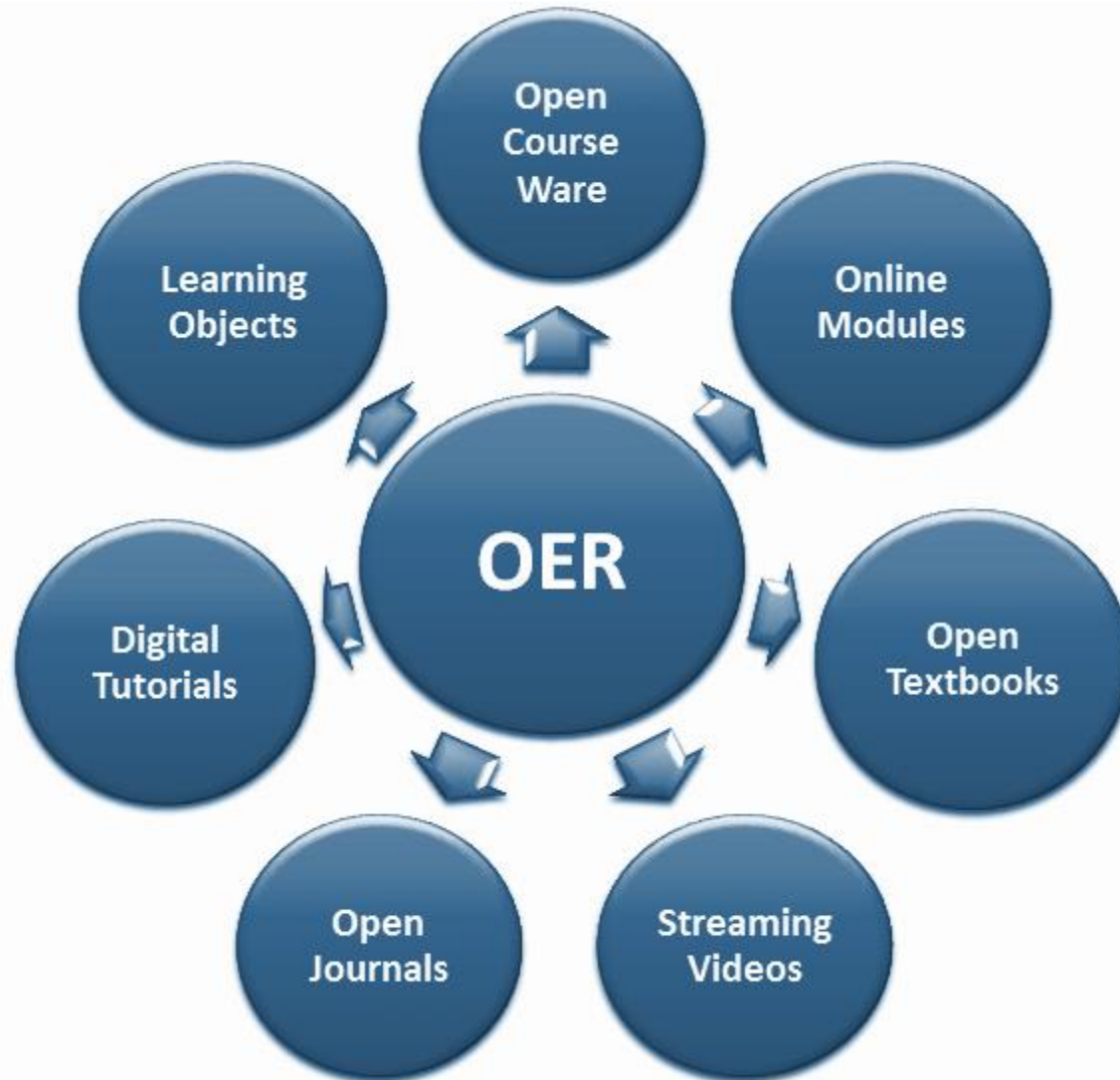


Librarian's Role in OER:

- ▷ Researcher
- ▷ Curator
- ▷ Educator
- ▷ Content creator

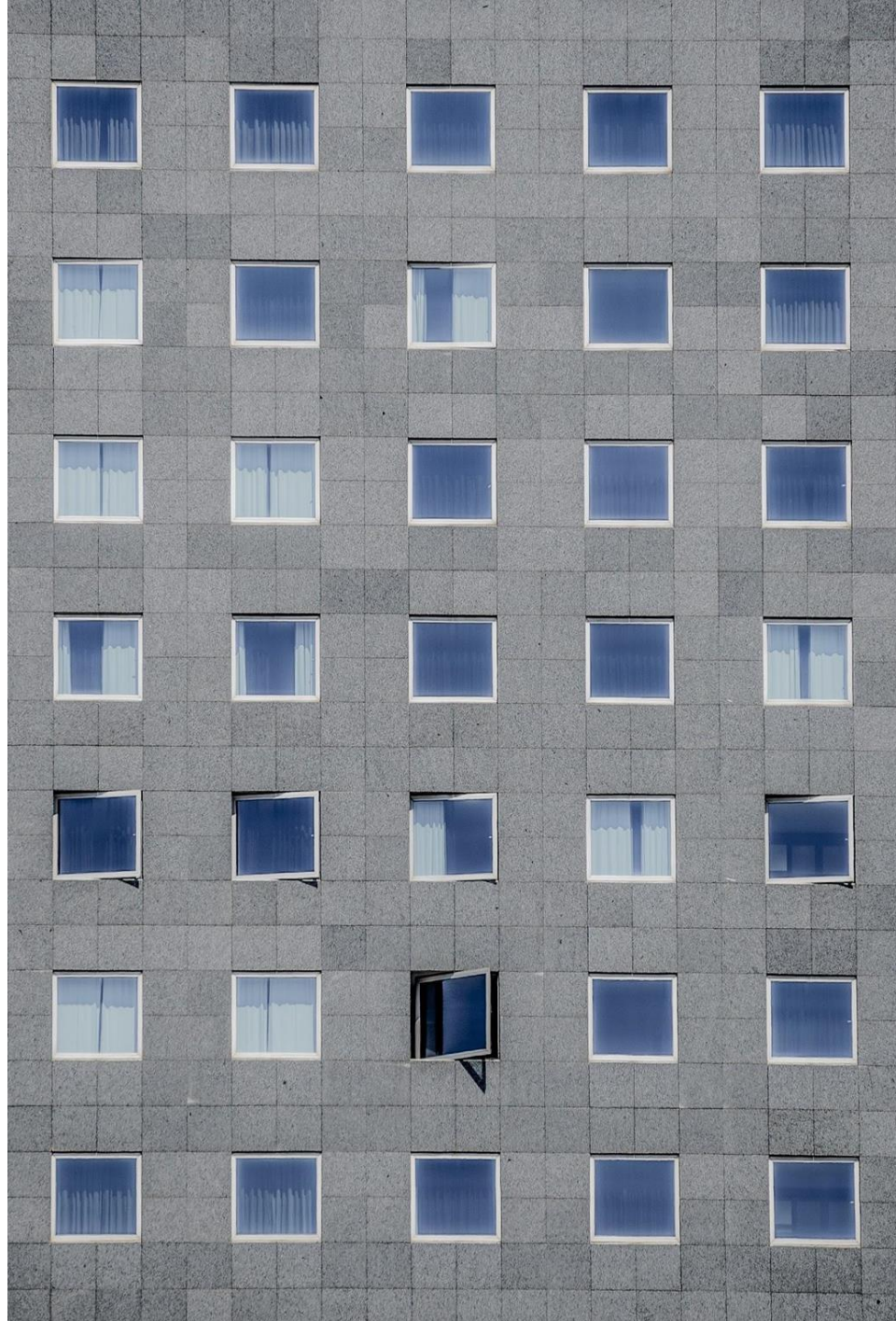


Librarian as Researcher



Selection Process:

- ▷ Licensing
- ▷ Copyright
- ▷ Accessibility



Librarian as Curator

The screenshot shows the NOVA website's 'Open Educational Resources (OER): Overview' page. At the top, there is a navigation bar with 'NOVA' in large yellow letters and links for 'Libraries Home', 'Research Guides', 'Citing Sources', and 'Get Help'. Below this is a breadcrumb trail: 'Library / Research Guides / ELI / Open Educational Resources (OER) / Overview'. The main heading is 'Open Educational Resources (OER): Overview', followed by a search box and a paragraph explaining the guide's purpose. A horizontal menu contains various OER categories like 'Overview', 'OER @ NOVA', 'Creative Commons', etc. The main content area is titled 'What is OER?' and includes a definition from the William and Flora Hewlett Foundation. Below this are three columns: 'Why Use OER?' with two bullet points, 'The 5Rs' with a logo and attribution, and 'Coming Soon: Open Education Week 2017' with a promotional graphic for power talks and sessions.

NOVA Libraries Home Research Guides Citing Sources Get Help

Library / Research Guides / ELI / Open Educational Resources (OER) / Overview

Open Educational Resources (OER): Overview

This guide is maintained by NOVA librarians to assist faculty with OER initiatives and sources to locate OER materials. If you have questions or comments, please contact Heather Blicher at hblicher@nvcc.edu.

Overview OER @ NOVA Creative Commons Public Domain OER Repositories Open Textbooks Open Access Journals

Open Images Open Video & Audio Open Courseware Copyright for Faculty Open Ed Week 2017 Open Textbook Workshop

What is OER?

What are Open Educational Resources (OER)?

The William and Flora Hewlett Foundation defines open educational resources (OER) as "teaching, learning, and research resources that reside in the public domain or have been released under an intellectual property license that permits their free use and re-purposing by others. OER include full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other tools, materials, or techniques used to support access to knowledge."

Why Use OER?


To increase access to higher education.

By making sure that each course includes all of the course materials and resources that students need, we are putting all students on the same level. Each student has equal access to the same information, ensuring fairness and equality among all students enrolled in the OER course.

To make higher education more affordable.

By eliminating the burden of additional textbook costs for students, the actual cost of taking an OER course is reduced. Often, this is a significant

The 5Rs



OER Global Logo by Jonas Mello is licensed under a Creative Commons Attribution Unported 3.0 License

The Open Education movement is built around

Coming Soon: Open Education Week 2017

Open Education Week
March 27 - 31, 2017
Questions?
Contact ELI-Library@nvcc.edu

FEATURED POWER TALKS BY:

- Chris Hafem/NOVA Faculty
- Library of Congress
- John Hilton/ OER Scholar
- Digital Public Library of America
- OER Commons
- Lumen Learning
- And More...

NOVA OPENS UP Open Educational Resources

What: 20 min Power Talks w/ 20 min Q&A | When: March 27-31, 2017 Daily Sessions | Where: Virtual BB Collaborate Ultra

HOSTED BY: **NOVA** Northern Virginia Community College | **Open Education Week 2017**

FOLLOW US: @NOVAonlinelearn #NOVAopen #openeducationnvcc

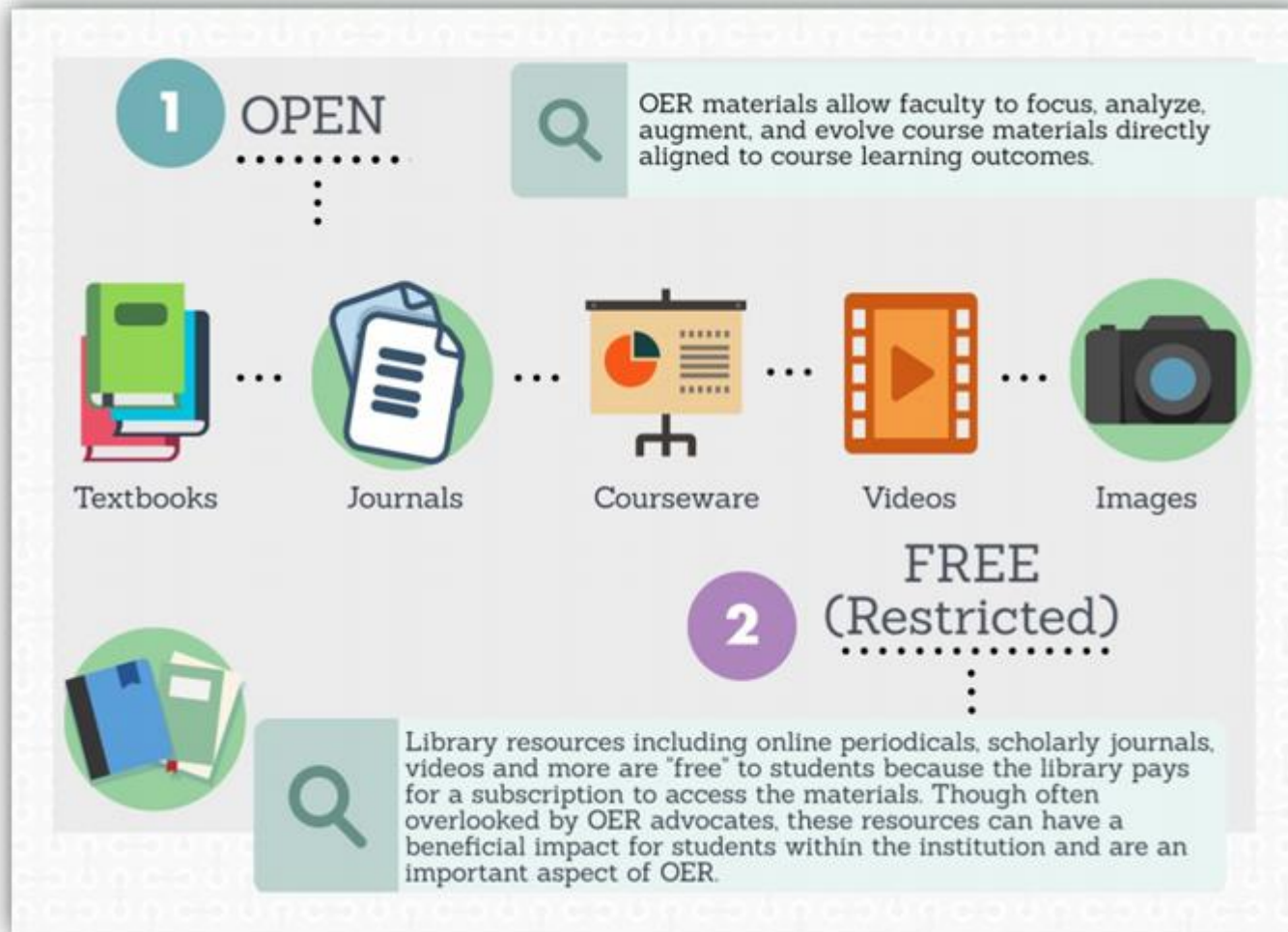
[Libguides.nvcc.edu/oer](https://libguides.nvcc.edu/oer)

Where to Start?

About OER	OER @ NOVA	Why OER?	Creative Commons	OER Repositories	Open Textbooks	Open Access Journals
Open Images	Open Video & Audio	Open Courseware	Pedagogy and Practice	Copyright for Faculty		

- ▷ Repositories:
[Oercommons.org](https://oercommons.org)
- ▷ Textbooks:
openstax.org/subjects
open.umn.edu/opentextbooks
- ▷ Journals:
doaj.org/
- ▷ Images:
search.creativecommons.org/

Librarian as Educator



Open vs. Free Resources

	Student Cost	Permissions to Teachers & Students
Open Educational Resources	Free	Open
Library Resources	Free	Restrictive

Open → Important to Faculty

Free → Important to Students

Librarian as Content Creator

NOVA LIBRARIES

NOVALibraries [Subscribe](#)

NOVA Library makes available research assistance, books and online databases to students, faculty and staff at Northern Virginia Communit... Show more

Uploads

- ELI - Searching Library Databases**
466 views • 10 months ago
CC
- ELI - Using the Library Catalog**
238 views • 11 months ago
CC
- ELI - Database - Opposing Viewpoints**
215 views • 1 year ago
CC
- ELI - Database - Academic Search Complete**
287 views • 1 year ago
CC

[Youtube.com/user/NOVALibraries](https://www.youtube.com/user/NOVALibraries)

Supporting OER Adoption



- ▷ One-on-one consultations
- ▷ In-person and online presentations and workshops
- ▷ Acting as “copyright go-to”
- ▷ Staying up-to-date on the topic; always looking for the latest resources
- ▷ Marketing support through email and website eli.nvcc.edu/library

Thanks!

Any questions?

Heather Blicher

Online Learning Librarian

Northern Virginia Community College

Extended Learning Institute

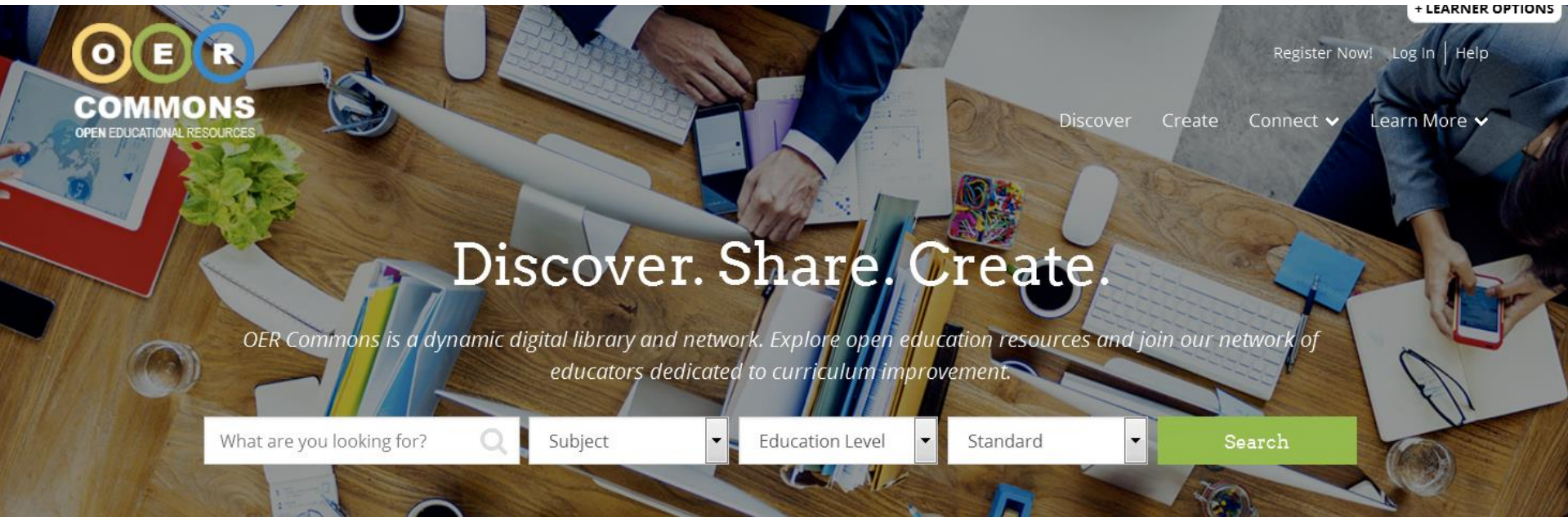
hblicher@nvcc.edu

Finding Open Educational Resources (OER)

Using OER Commons to find high quality OER

South Carolina Technical College System

March 28, 2017



The screenshot shows the OER Commons website interface. At the top left is the OER Commons logo with the text "OPEN EDUCATIONAL RESOURCES". In the top right corner, there are links for "Register Now!", "Log In", and "Help", along with a "+ LEARNER OPTIONS" button. Below these are navigation links: "Discover", "Create", "Connect", and "Learn More". The main heading is "Discover. Share. Create." followed by a descriptive paragraph: "OER Commons is a dynamic digital library and network. Explore open education resources and join our network of educators dedicated to curriculum improvement." At the bottom, there is a search bar with the placeholder text "What are you looking for?" and a search icon. To the right of the search bar are three dropdown menus labeled "Subject", "Education Level", and "Standard", followed by a green "Search" button.



About ISKME

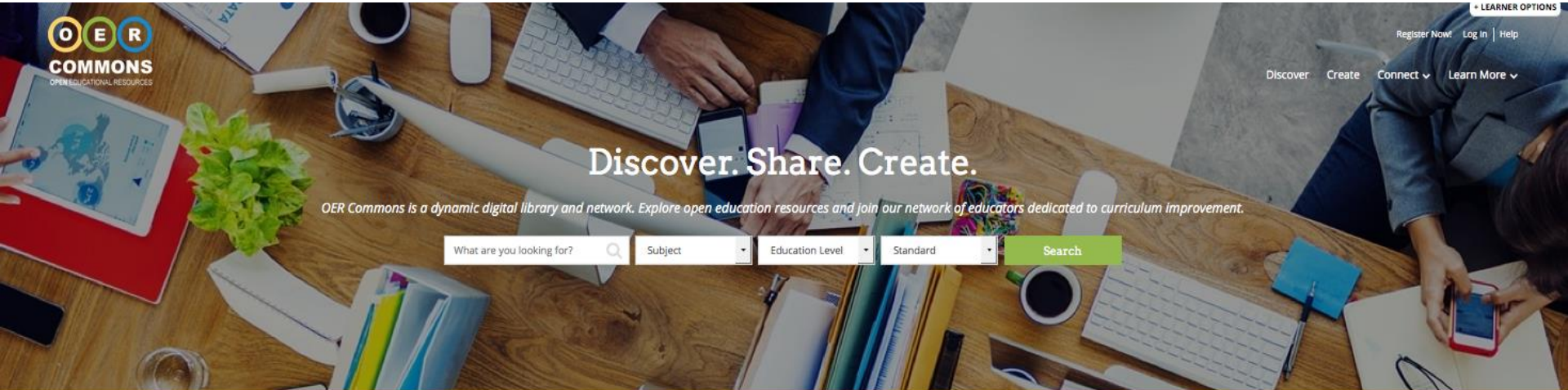
Research, tools and services to advance teaching and learning

- Focused on improving the practice of continuous learning, collaboration, and change in the education sector
- Developed OER Commons as a digital public library of OER and a collaboration environment to support curriculum improvement
- Infrastructure leverages best practices in library science and interoperability





Finding OER on OER Commons



Extensive Library, Powerful Findability



Search through collections curated by our digital librarians

Collections



Search our extensive library and find what you're looking for

Advanced Search



Common Core resources organized for your needs

Common Core



Building STEM Literacy and Bright Futures

STEM Literacy

- Expertly curated collections from over 400 content providers, over 65,000 resources
- Custom technical web infrastructure and supports for educators at all levels
- Integration with state and local LMS's and processes
- Content hosted on OER Commons as well as on external sites.
- Platform for creating, collaborating, and remixing OER.



Achieve



Blackboard



canvas



BRAINHONEY
WE POWER EDUCATION

Mature platform leverages best practices in library science, tagging and schema protocols, metadata standards and interoperability

Discover. Share. Create.

OER Commons is a dynamic digital library and network. Explore open education resources and join our network of educators dedicated to curriculum improvement.

algebra



Mathematics



Education Level

Preschool

Lower Primary

Upper Primary

Middle School

High School

Community College / Lower Division

College / Upper Division

Graduate / Professional

Career / Technical

Fine tune your search

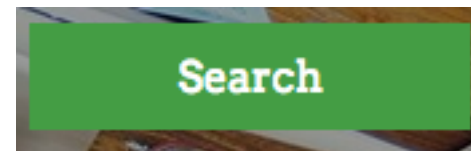
Search

Keyword search will search the following OER Commons metadata fields:

- Title
- Abstract
- Keywords & Tags
- Material Type
- Subject
- Provider/Provider Set
- Author

Filter options on the Home screen include:

- Subject Area
- Education Level
- Educational Standards



Home → Search results: algebra

Refine your search

Education Standards

Subject Area

Applied Science

Business and Communication

Education

Mathematics

Algebra

Calculus

Functions

Geometry

Numbers and Operations

Ratios and Proportions

Search results: algebra (482)

Per page 20 By Relevance View  Export

Selected filters: Community College / Lower Division Algebra



Conditions of Use:
Remix and Share

Elementary Algebra

Rating ★★★★★

This text respects the traditional approaches to algebra pedagogy while enhancing it ...

More

Subject: Algebra
Material Type: Full Course, Textbooks
Provider: University of Minnesota
Provider Set: Open Textbook Library
Author: John Redden



Introductory Linear Algebra

On the Search Results page, users can further refine their search using the filters on the left side of the screen.

Filtering options include:

- Education standards
- Topic Areas
- Education Level
- Material Type
- Conditions of Use
- Content Source
- Primary User
- Media Format
- Educational Use

Additional Search Criteria

Education Standards:

Resource Evaluation Criteria:

Search by Language:

Any Language

Subject Area

Educational Use

Material Type

- Activities and Labs
- Assessments
- Audio Lectures
- Case Study
- Data
- Full Course
- Games
- Homework and Assignments
- Images and Illustrations
- Instructional Material
- Interactive
- Lecture Notes
- Lesson Plans
- Module
- Primary Source
- Readings
- Reference
- Resource Review
- Simulations
- Specimen
- Student Guide
- Syllabi
- Teaching and Learning Strategies
- Textbooks
- Unit of Study
- Video Lectures
- Other

Member Activity

Rubric Evaluated

Content Source

Primary User

Level

Media Format

- Audio
- Braille/BNF
- Downloadable docs
- eBook
- Graphics/Photos
- Interactive
- Mobile
- Text/HTML
- Video
- Other

Accessibility

- Visual
- Auditory
- Textual
- Audio Description
- Caption
- Verbatim Captions
- Long Description
- Transcript

Conditions of Use

Clear

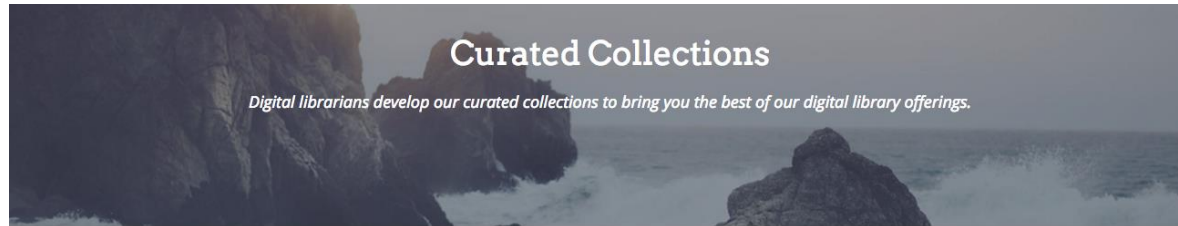
Search

Why use Advanced Search?

- You are looking for something for a specific purpose.
- You have specific rights requirements.
- You want to find resources that have been evaluated or commented upon.
- You know a lot about what you want, but don't know what it is yet!
- You are a librarian.

There are multiple ways to browse for resources on OERC:

- Browse Curated Collections
- Check out Groups
- Go to a Hub
- Browse by Provider



A Brief History of the Commons

We are busy around the clock adding new educational resources to OER Commons. We work with the finest producers of instructional content in the world and gather their best work together especially for you. Then we ensure the resources are carefully described and fully indexed because we want you to be able to find exactly what you need, when you need it.

New on OER Commons

Our Featured Topics



- Curated Collections focus on a theme, grade, topic and include a vetted selection of OER.
- Curated Collections can be driven by ISKME's partners – organizations who seek resources related to a specific topic, grade, or theme.
- When ISKME develops a Hub for an organization, often we'll work together to construct queries that meet the needs of the organization, providing them with the tools to build out their collections.

All OER Commons Groups

find groups created by OER Commons members

Create a Group

Filter By: All Group Types

All Subjects

Community College / Lower D

View: 

Search All Groups



EdHub: The
Educators Resource
Network



OER STEM Science
User Group



Open Educational
Resources Courses
and Guides



SO 201



Writing for
Designers



CHE 124 Flex
Developers



ACTFL Arabic
Educators



Minnesota State
Colleges &
Universities

(MnSCU)

Any registered user can create an OER Commons Group.

Groups provide a space for people to collect, curate, and organize OER.

- Create your own folder structure
- Save resources to your Group
- Work with others to create and suggest new resources for a Group.
- Engage in Discussions with other Group members.

Anyone can look at another Group's collections.

- Get ideas about resources that are in use by others.
- Find resources that are newly added to Groups of interest.
- Ask to Join!

Access your Group via your LMS

- We offer LTI access to a Group so all your curated resources are easily added to your LMS.

Discover Our Network Hubs

A Hub is a custom resource center on OER Commons where groups can create and share collections associated with a project or organization. Projects, institutions, states and initiatives make use of Hubs to bring groups of educators together to create, organize, and share collections that meet their common goals.



Alamo Colleges
Alamo Colleges Online is evaluating their online courses and exploring how Open Educational Resources can fit into their course development and redesign processes.



Arabic Language Learning
The Source for Arabic Teaching and Learning



California Social Work Education Center
Resources and tools for developing and supporting California's professional social service workforce serving the state's diverse population



Center for Human Services Resource Barn
Welcome to the Center for Human Services Resource Barn!
The affectionately titled "Resource Barn" provides resources from throughout the Center for Human Services at UC Davis Extension.



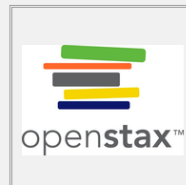
Common Core
OER Aligned to the Common Core



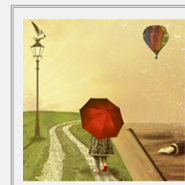
Michigan College Online
Michigan Colleges Online (MCO) is an initiative of the Michigan Community College Association and the 28 Michigan community colleges.



Minnesota OER Commons
Tools and resources for educators and subject matter experts in Minnesota to collaboratively evaluate, share, and develop Open Educational Resources for public education.



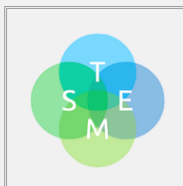
OpenStax
Share and collaborate on the resources that support your teaching



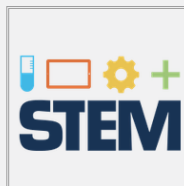
Open Textbooks
Free, adaptable, openly licensed textbooks and supplemental resources.



Primary Source Network Hub
Teacher tools and resources for supporting students in building close reading and inquiry-based learning skills.



School Librarians



STEM Literacy



Washington OER Project

A Hub is a centralized location on OER Commons where an organization can aggregate and collect specific Collections, Groups, or Resources.

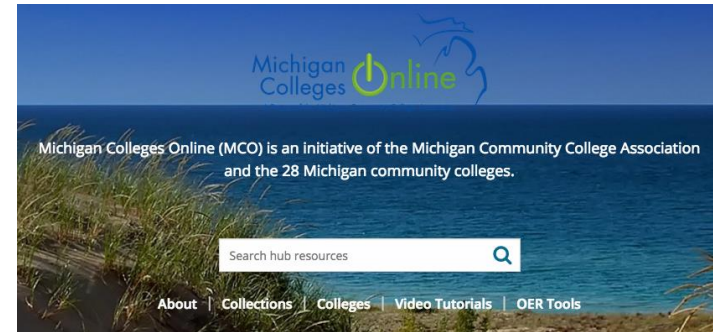
ISKME creates Hubs to help users find resources emphasizing a specific topic.

- Open Textbooks
- STEM Literacy
- Common Core

A Hub is a way for an organization to highlight high quality OER for members.

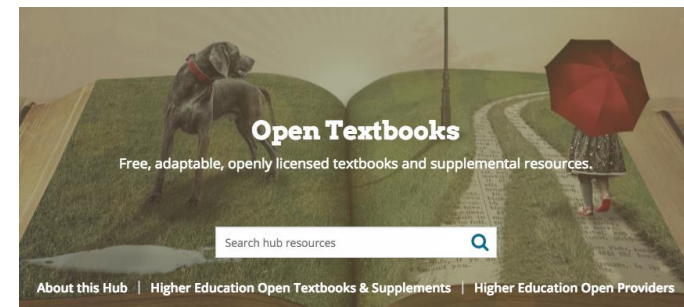
Statewide Hubs

- Michigan Colleges Online
- Wisconsin
- Alamo Colleges



Topical Hubs

- Open Textbook Hub
- Common Core
- STEM Literacy



OER Commons Partner Hubs

- OpenStax



- OER Commons has ~270 providers.
- Users can browse by Provider when they have a specific source they are seeking.

Home → OER Materials

Providers

[← Browse](#)

Providers

2 A B C D E F G H I J K L M N O P R S T U W Y

2

23andMe (14)

A

AAAS (233)

African Health OER Network (137)

African Virtual university (25)

Alabama Learning Exchange (ALEX) (184)

al-hakawati Arab Cultural Trust (11)

Allen Distinguished Educators (11)

American Association for Advancement of Science (18)

American Forest Foundation (43)

American Museum of Natural History (579)

American Social History Project / Center for History Media and Learning (998)

Annenberg Learner (155)

Arabic Desert Sky (20)

Arizona State University School of Life Sciences (20)

ArsDigita University (13)

Association for Biology Laboratory Education (ABLE) (180)

B

Basal Alignment Project (112)

Baylor College of Medicine (23)

BBC (12)

BCcampus (93)

Big Ideas Fest / ISKME (16)

BioQUEST Curriculum Consortium (42)

British Library (18)

Butte County Office of Education (45)

Any questions?

Contact Mindy Boland: mindy@iskme.org

Twitter: @oercommons

Some URLs:

<http://www.oercommons.org>

<https://www.oercommons.org/groups/>

<https://www.oercommons.org/hubs/>

<https://www.oercommons.org/oer/providers>

Upcoming TLT Sessions

April 25, 2017 at 2:30 pm

Details TBD

May 16, 2017 at 2:30 pm

Generational Differences in the Classroom

Want to showcase your expertise? Is there a teaching technique that has been effective in the classroom? Apply to be a TLT presenter!

For more information: www.sctechsystem.edu/tlt



Give us your feedback

- <https://www.surveymonkey.com/r/March2017TLT>

