OER &
Nebraska's OER Common's Hub

July 23 - 25, 2019

http://bit.ly/OERScience2019

DAY 1 Agenda

-Check-In & Registration

-OER Basics- What is it? Why use it?

-Content Area Standards and their intended Use

-Searching for Content in the Hub

-Aligning Content standards in the OER Commons Hub

-WORKING LUNCH

-Understanding & Using the Vetting Rubric

-Vetting & Aligning group resources

-Intro to Unwrapping Documents

Break into Grade Level groups

Where are you? Show of fingers.

1 - Just starting to learn about Open Educational Resources (OER)

2 - Learned some but not yet using OER

3 - Using OER but not creating OER

4 - Using and Creating OER

5 - Teaching others to Use and Create OER

How time and resources are being spent

Time spent creating Instructional Materials (per week)

7 HOURS
Searching for free and paid-for resources

5 HOURS
Creating own materials

Teachers are heading online to supplement or piece together curriculum
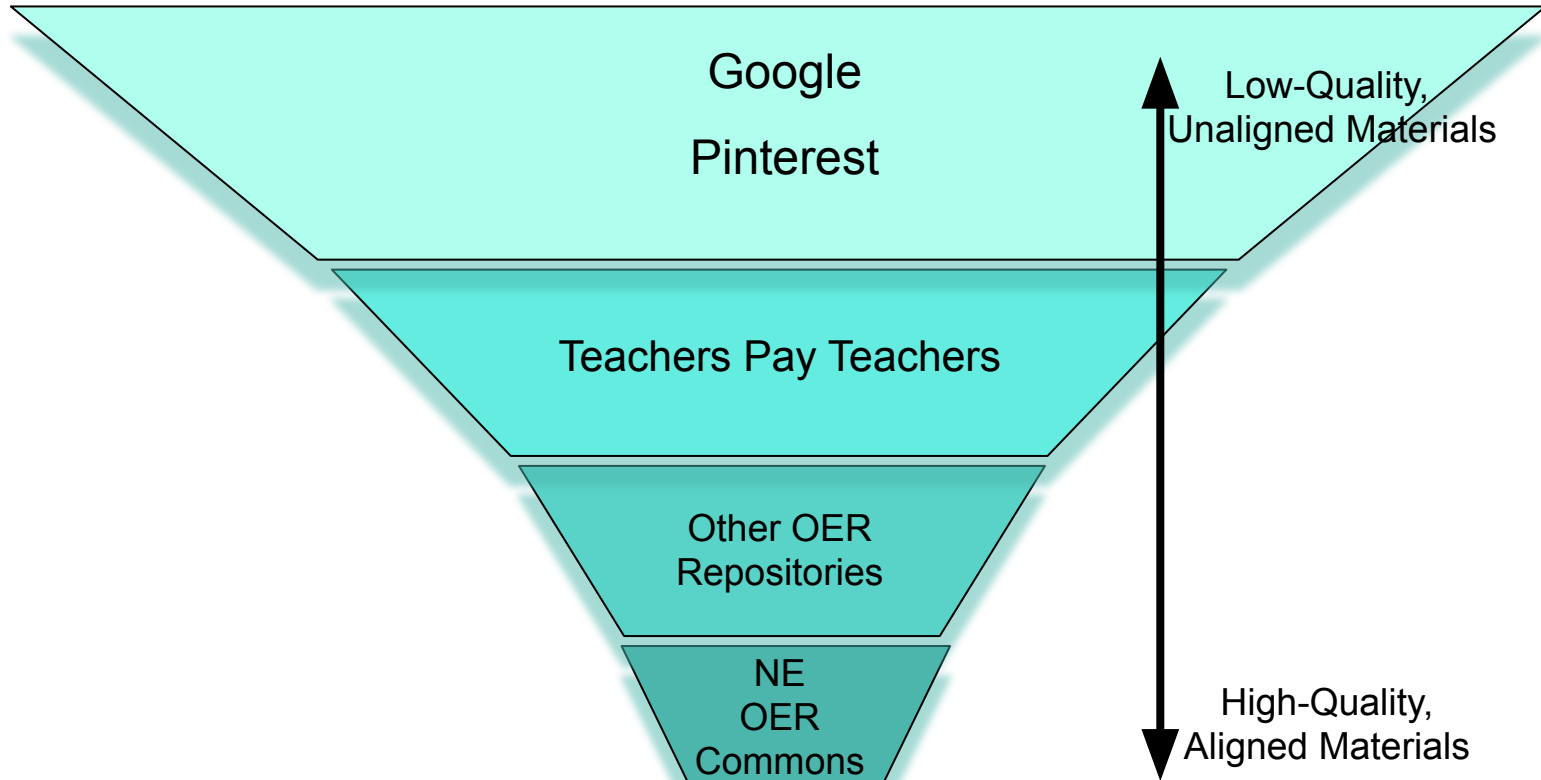
97% Google

85% Pinterest
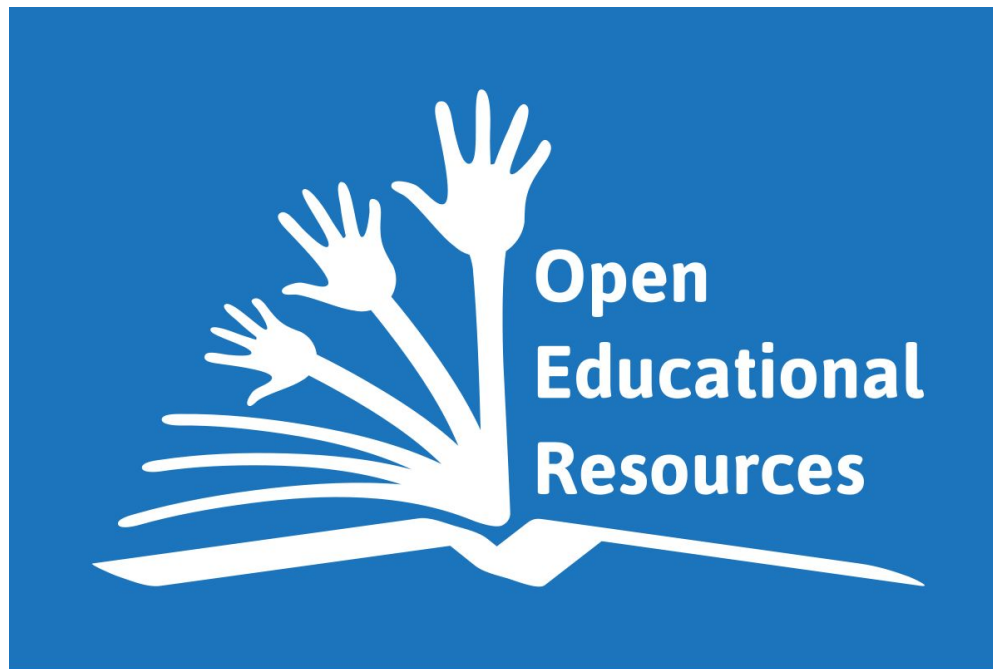
79% Teachers Pay Teachers

39% Engage NY

High Quality Aligned materials & OER

What is OER?

NEW! - Nebraska's OER Toolkit

- Complete training on using OER

- Links to resources and videos about OER

- Links to the NE. OER Commons hub

- Detailed licensing information

https://www.education.ne.gov/educational-technology/oer/

"Open Educational Resources 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.

OER includes full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other tools, materials or techniques used to support access to knowledge."

~Hewlett Foundation

Free & Reuse Rights

The 5Rs

Retain	• Make and own copies
Reuse	• Use in a wide range of ways
Revise	• Adapt, modify, and improve
Remix	• Combine two or more
Redistribute	• Share with others

What types of content can be OER?

- Entire Courses
- **Course modules**
- E-textbooks
- Streaming video of lectures
- Professional Development
- **Units of Study**
- Assessments
- Software

- Video
- Activities
- Lesson Plans
- A Photograph
- Rubrics
- Charts
- Journals
- Practice Exercises

Copyright vs. Open Licenses

Copyright refers to the **ownership** of intellectual property

- Controls how the property can be used and distributed

- Attaches automatically when the work is created

- Granted to "the author" of that work

- Any work that reflects at least minimal creativity of the part of "the author"

Copyright vs. Open Licenses

License refers to **permission for others to use or share** intellectual property, there are multiple licensing options:

Public Domain —

Attribution Share Alike —

*Attribution Non-Commercial Share Alike —

Attribution Non Commercial No Derivatives —

Attribution

Attribution Non-Commercial

Attribution No Derivatives

PDF overview of copyright, fair use and licensing

OER Permissions

most freedom

least freedom

PUBLIC DOMAIN

CC BY

CC BY SA

CC BY NC

CC BY NC SA

CC BY ND

CC BY NC ND

OER

Not OER
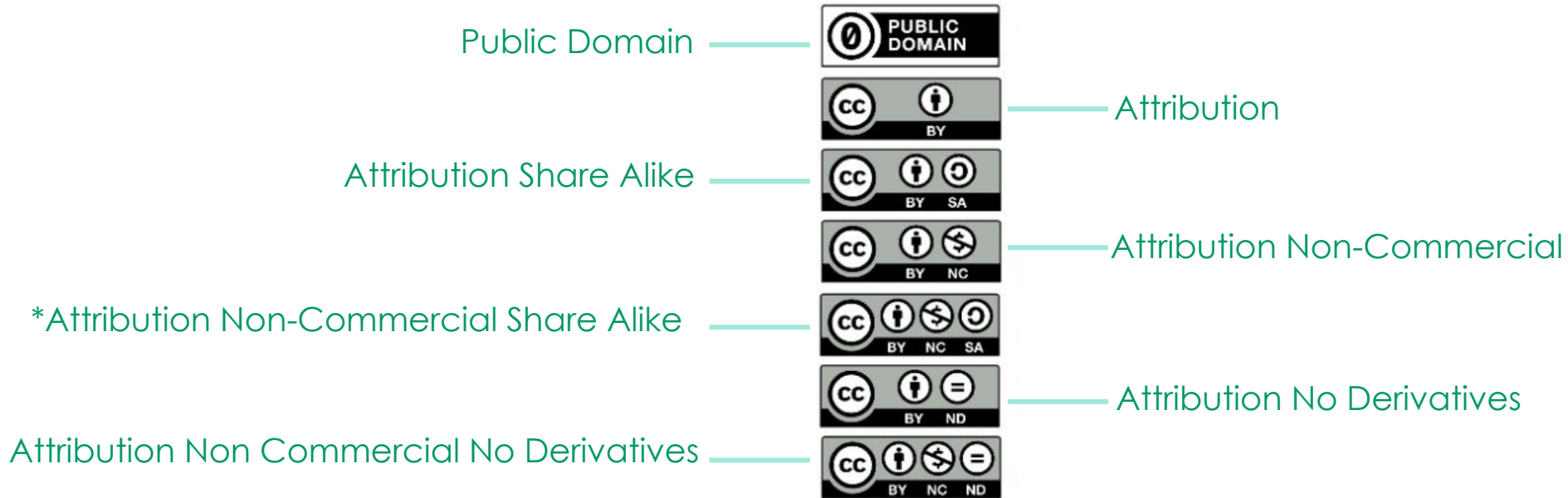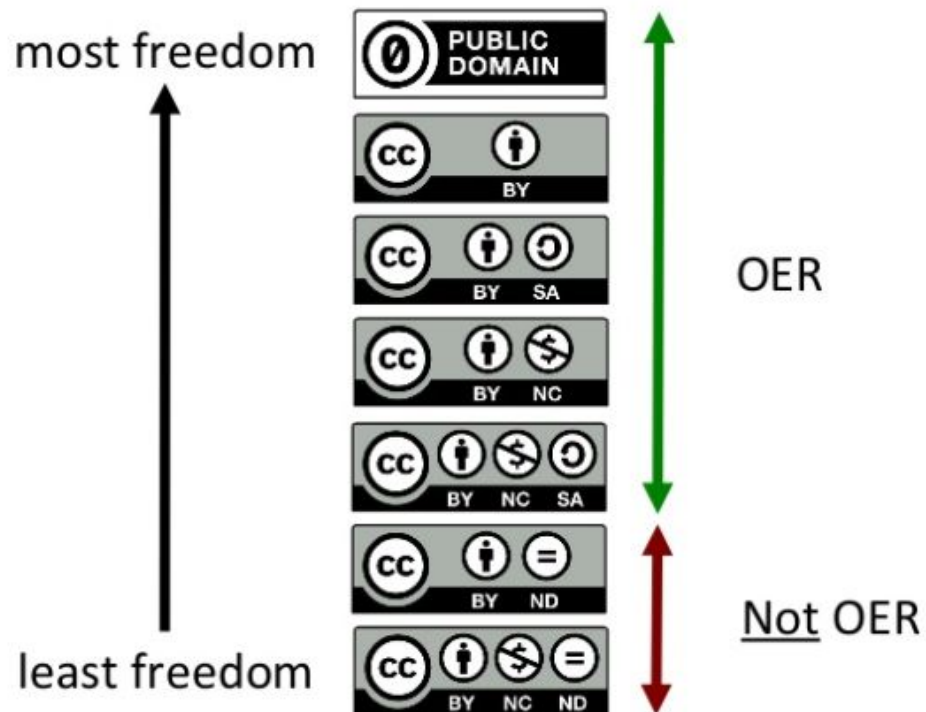
SO why the trend in OER?

- In, 2015 US Dept. of Ed. launched its #GoOpen campaign

- By 2017, more than 70 bills related to OER were filed in 28 states.

Main Benefits of OER to Schools

most notably they:

- **Increase Equity**
- **Keep Content Relevant and High Quality**
- **Empower Teachers**
- **Save Money**

Spending - OER alternative

Textbooks

- ~$329,000 K-6 English
  - 6 Schools
  - 3 Sections
  - 25 students per section
- ~$47,000 per grade level
  - Includes teacher & supplementals
- 6 year cycle

OER

- $329,000
  - Teacher stipends for PD
  - Substitute teachers
  - Internet connectivity
  - Chromebooks & iPads
  - Printing costs
  - Additional learning resources

Benefits of OER for Teachers, Students and Parents

- Collaboration and Partnerships

- Knowledge Sharing

- Cost Savings and Efficiency

- Quality Improvements and responsive to changes or updates

- Support for Independent Learning

- Communication and community engagement

Ways OER can support today's classrooms

- 1:1 Users
- Constructivist Learning Models
- LMS Users
- Blended Learning
- Flipped Classrooms
- Supplementing Learning
- Self-Teaching/Homeschooling
- Online Schools and courses

Ways to Introduce OER

- Incorporate OER resources into your annual curriculum review process

- Look for OER resources to fill gaps in your current curricula materials

- Develop collaborations with other districts to find and create OER materials

- Create professional development opportunities that support the development of teachers around finding or creating OER content on their own

OER in Nebraska
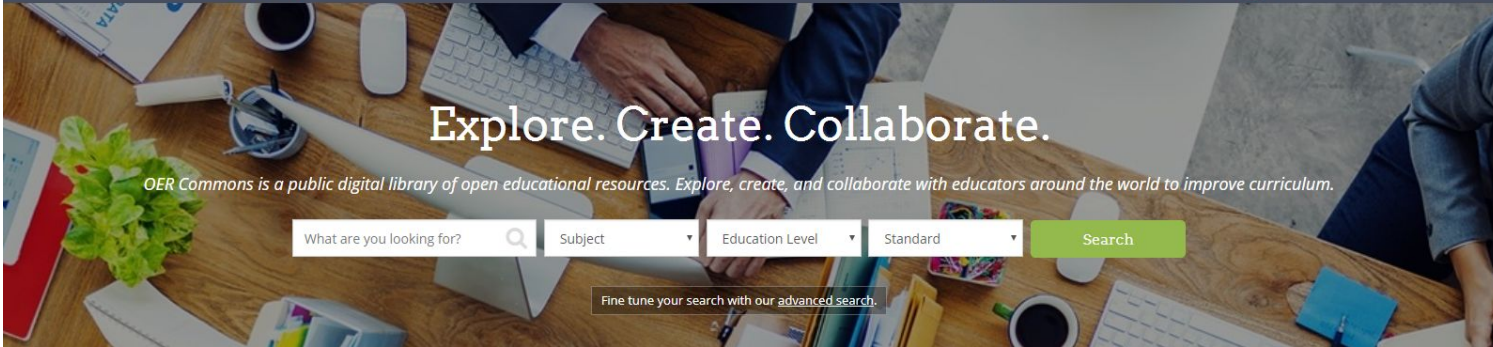
- **Joint project with ESUCC and NDE**

- **Aligns with Mission of ESUCC**
  - Preparation of strategic plans to assure the cost-efficient and equitable delivery of services across the state
  - Administration of statewide initiatives and provision of statewide services

- **Aligns with the State Board's strategic plan**
  - Ensure all Nebraskans, regardless of background or circumstances, have equitable access to opportunities for success.
  - Goal 4.1 By 2020, the NDE will develop a statewide digital course and content repository.

Why OER Commons?

- Can link to Nebraska Standards
- Can create endorsement
- Align with the ESUCC Mission and NDE Strategic Priorities
- Some schools in Nebraska are already using
- Allows for the creation of groups and collaboration
- Has LTI integration (Canvas, Schoology & others)
- Google Classroom connectivity

OER Commons Hub

OER Commons Overview

- For anyone- do not need to be a specific hub member

- Completely searchable to all materials

- Everyone can contribute even if not part of a hub

- Free account

- LMS LTI enabled for many systems

OER Commons Hub

A Hub is a customizable, branded resource center on OER Commons where a network of users can create and share collections, administer groups, and share news and events associated with a project or organization.

Projects, districts, states, and open initiatives make use of Hubs to bring groups of educators together to create, organize, and share OER collections that meet their common goals.

Nebraska OER Hub

Nebraska OER Resources

- FAQ's Sheet

- Work Flow's Document

- FAQ's about OER for K-12

- Science Standards (OER style)

- Items shared within the Nebraska Hub for training

How to become member of NE Hub

- Join a Nebraska Group

- Be invited to a Nebraska group

- Email for permission to myself, Beth Kabes or Rhonda Eis

OER Commons Groups

Groups provide a connecting point for sharing, a center where users can gather to discover, recommend and collaborate on resources and ideas. Groups are flexible, in both structure and function. From small-scale study groups to state-wide open curriculum organization and approval systems.

Navigating the Hub
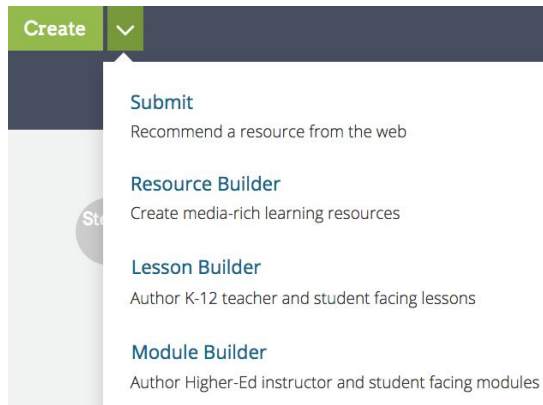
https://www.oercommons.org/hubs/nebraska/

How to join a group

Hawaii ELA Common Core

Organize ELA Common Core State Standards aligned and evaluated OER

👤 138 members | 📄 164 affiliated resources

Request to join group ←——————— Click Here!

Shared Resources   Discussions   Members   Information   Recent Activity

Members of this Group

View ○ ☰   Search Group Members 🔍

user27845   A HIDOE   Adam LoRusso   alexandra padilla   Alexbaster baster   Allyson Doherty

Nebraska Cloud Portal

OER Commons and Canvas Integration

Information Services

Data integrations, content curation, and partner services

Your resources where you want them: Your Learning Management System

OER Commons supports LTI integration for the majority of Learning Management Systems (LMS) as well as custom LTI development services for unique systems. Our standard LTI Provider Tool conforms to the IMS LTI 1.1 Standard and has been fully tested in:

- Moodle
- Canvas
- Blackboard
- EdX
- Schoology

To learn more, check out our LTI How To Guide

Gives specific instructions for each

Nebraska OER Hub Overview & Features

- NE Standards ready to align
- Popular Collections are localized (need aligned)
- NE approved and aligned collections being developed
- NE groups working to vet and curate content
- SSO within the Nebraska Cloud
- LMS and Google Classroom Integration
- NE Repository begin populated
  - SIT tool items
  - Engage Career Readiness
  - Hildegard Art Center Resources
  - NET resources
  - Next Gen Storylines

Finding other OER

- Many sites have K -12 OER that is ready for teachers to use.

    - Some have some conditions

- Favorites are CK-12, Open Stax, EngageNY and many more

    - All of these are already in our Commons Hub

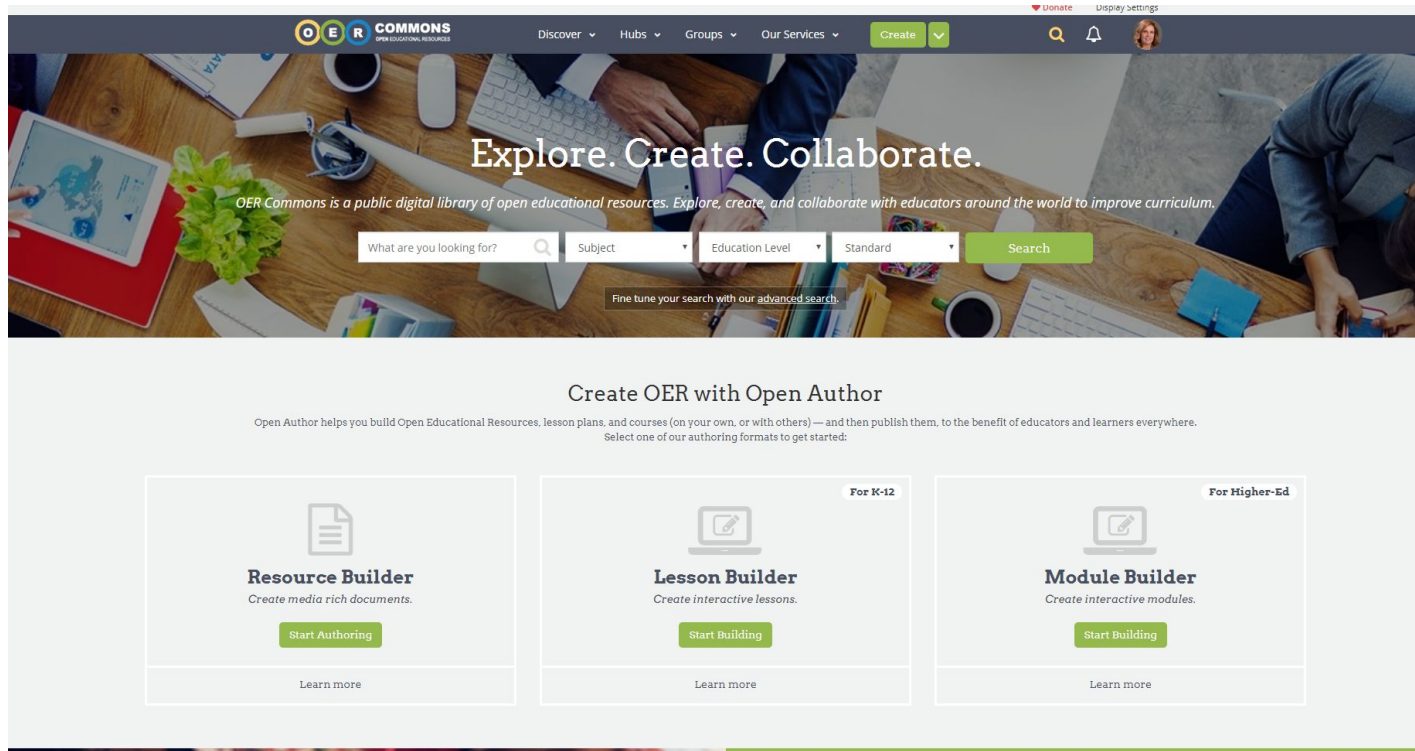- Link on the NDE - Educational Technology Page for more

https://www.education.ne.gov/educational-technology/

Join a NEB. Group!

Go to: https://www.oercommons.org/hubs/nebraska

1. Create a bookmark for the site

2. Go down to groups and select Nebraska (content area)

3. Find the green "Request to Join group" button

Exploring the OER Common's site

Exploring the groups area

Groups

Nebraska OER Information

Nebraska BlendEd Learning

Nebraska Digital Citizenship

Nebraska TLT Training

Nebraska Physical Education

Nebraska Department of Education

Nebraska Career Development

Nebraska School Librarians

Nebraska CCSI

Nebraska High Ability Learners

Nebraska PDO Curricula/Materials Work Group

Nebraska Science Integrated High School

Vetting Rubric

- Not all materials may be worth keeping in the hub even with the possibility of revision.

- Not all materials may be aligned to Nebraska content standards

- This process can point out the strengths and weaknesses of content which can be helpful when revising

- Rubrics for vetting - Achieve built - in

Aligning Resources

Cannot be copyrighted

1. Names, Titles, and short slogans or phrases

2. Ideas - must be written or expressed - book about a boy wizard, choreography, lectures, improv items

3. Works by the US Federal Government - public domain

4. Facts or Works without authorship - calendars, raw data, phone books

5. Fashion - cut, color and style - patterns can be

6. Items created in US on or before 1923

Fair Use Act for teachers

- Limited Use copyrighted items without permission

- Any item with the purposes such as criticism, parody, news reporting, research and scholarship, and teaching.

- Must use four factors of fair use to judge

The four fair use factors are as follows:

1. The purpose and character of the use, including whether the use is of a commercial nature or is for nonprofit educational purposes;
2. The nature of the copyrighted work, such as whether the work is fiction or non-fiction, published or unpublished;
3. The amount of the work used in relation to the copyrighted work as a whole, such as using a poem in its entirety, or using one chapter from a long book;
4. The effect of the use upon the potential market for the copyrighted work.

Questions or Comments?

BREAK

Next up - Let's get started with vetting and aligning content!

Day 2 Agenda

http://bit.ly/OERScience2019

-Check-in

-Resources review

-More on Copyright and Fair Use before submitting items

-Curation of Textbooks and Courses

-Using Open Author & Templates

-Curation/Remixing

-Continue Curation/Remixing

OER Resources for curation

OER Curation Checklist

Citation Example:

CK-12 Biology for High School by CK-12 is licensed under a Creative Commons Attribution-NonCommercial 3.0 License.

Shortened version

CK-12 Biology for High School by CK-12 | CC BY NC

PDF- https://drive.google.com/file/d/1fCKzEJQj5Dm0amICKcZ7s0808gQc75BM/view?usp=sharing

OER Resources for curation

Download Creative Commons License Logos | Creative Commons

https://creativecommons.org/about/downloads

Help also in OER Commons Hub - OER information group

Training moving forward

- ✔ Training on what OER is, places to find it and it's uses

- ✔ Training around policy, copyright, licensing and fair use

- Training around digital accessibility and universal design

- ✔ Training on what "quality, standards aligned content" looks like and how to vet it for use

- Training on content curation
  - Very few links to necessary content
  - If linking outside resources provide several
  - Use good accessibility standards
  - Think about using a common template for lessons and unit

Day 3 Agenda

8:00 - 8:30 Check-in

8:30 - 9:00 Microsites and Amazon Inspire

9:00 - 11:30 Worktime - Unwrapping Documents, Unit building, Resource Alignment within the group

11:30 - 12:15 Working Lunch - Move to grade level groups

12:15 - 3:15 Unit Building

3:15 - 3:30 Wrap - Up, Additional training resources

http://bit.ly/OERScience2019

How to reach us!

Dorann Avey - Digital Learning DIrector, NDE

dorann.avey@nebraska.gov & 402-471-4366

Sara Cooper

cooper.sara77@gmail.com & cell 402-440-6269 (if you call, leave a message--I don't answer numbers I don't know :)

Continuing your Training

Online NDE Moodle training Modules: https://moodle.education.ne.gov/?redirect=0

- Introduction to NCCR-S
- Getting to know NCCR-S

    You will need to create and activate a free account

    The courses are found in the Teaching and Learning course listing

MINK Webinars – https://sites.google.com/aealearningonline.org/mink/mink-home?authuser=0

- All webinars are recorded for viewing
- All materials are shared