Open Education Resources & the School Librarian: Collaborating with teachers for student success Heather Braum

Digital & Technical Services Librarian Northeast Kansas Library System <u>hbraum@nekls.org</u>







Disclaimers....

How many of you collaborate with other teachers on their curriculum?



Are textbooks ever up to date in your buildings?



Is your school implementing Common Core Standards?



Does your building or district have the money to support the needed resources for students & teachers?







What are OER?

The term **Open Educational Resource(s)** (OER) refers to educational resources (lesson plans, quizzes, syllabi, instructional modules, simulations, textbooks, videos, podcasts, etc.) that are freely available for use, reuse, adaptation, and sharing by educators and students, without need to pay royalties or license fees.

> --Understanding OER, Africa: <u>http://goo.gl/LMyvl</u> --Wikieducator, <u>http://goo.gl/Ba7B7</u>

Why open education matters video: http://goo.gl/uxWER



NEKLS School Librarian Workshop July 2013, Heather Braum More @ Five-Minute Film Festival: Why Open Education Matters: <u>http://goo.gl/Pp4Pc</u>

Understanding Creative Commons



Creative commons primer video: <u>http://goo.gl/6SkIW</u>



NEKLS School Librarian Workshop July 2013, Heather Braum Wanna Work Together? From the Creative Commons Organization

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Open Educational Resources





How does OER work?





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Use the work verbatim (unaltered) without asking for permission --Wikieducator, <u>http://goo.gl/xtsHV</u>





REWORK/REVISE

Alter or transform the work to meet your needs --Wikieducator, <u>http://goo.gl/xtsHV</u>





REMIX

Combine the (verbatim or altered) work with other works for enhanced effect

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REDISTRIBUTE

Share the verbatim, reworked, or remixed work with others. --Wikieducator, <u>http://goo.gl/xtsHV</u>



CREATE



NEKLS School Librarian Workshop July 2013, Heather Braum Create and share and contribute your own content to the OER community.

Time

Research

Control The Costs Learning Curve



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Unfamiliarity





Why should you care about OER?





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	strategic goals through to its navigation James Garrett's "Elements of User Expe methodology for upgrades and future des
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Range of aspects of web design covered Good, it would have been bareflorial to available authentication elements and privacy policy etc. authentication elements and privacy policy etc. also error handling with regard to forms?

Understanding of principles of good information design

Selection of criteria used to analyse the site and methodologies used to apply these The application of Garretts five plane structure has worked well for this site

Written communication skills

Excellent, good use of diagrams to support recommendations and Andings



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Assignments



The Camera: The lens Photography Course - Lesson 2









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Complete Courses









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Lectures





Lesson Plans





Podcasts







Green Media Fridays 9:40 am-12:25 pm (and Sometimes Education 104 and in the Garden) Education 104 and in the Garden Office: Kalmanovitz 141 Office Hours: Tues & Thurs 10:30-11:30 am & by appointment Professor: David Silver chis \$ production heintagecta Green Media is ... Though o To learn how to; and o To learn how to bake bread. about making form Learning Goals: Book 6 Cost o Novella Carpenter. Farm City: The Education of an Urban Farmer. 2009. O Novella Carpenter. Farm City: The Education of an Urban Farmer. 2009. All other readings will either by a) free and online of b) available outside my c Colondaria Friday, January 29 We will also discuss the syllabus and course expectations. new yorlas worked polled for + EV Food & Life, Friday, February 5 Read Patricia Harris, David Lyon, and Sue McLaughlin. Lywsvec Read Maggie Gosselin, Sarah Klein, and Jessica Prentice's "San Fri Read Maggie Mineel " Regin using flickr Local Foods Wheel." Begin using flickr. Friday, February 19 Field trip with Justin Valone to forage for wild greens and stingin Friday, February 26 2, "Turkey," Farm City: The Education From Etchar Read Novella Carpenter, "Rabbit," Farm City, pp. 99-184. with garden guest Novella Carpenter, author (Farm City) Read "The Story of Food Not Bombs (Parts 1-4)" http and discussion with garden guest Keith McHenry, co Friday, March 19:

SPRING BREAK Friday, March 26 Read Novella Carpenter, "Pig," Farm City, pp. 185-269. TENTATIVE: Cook with Chef Jean-Marc Fullsack. GOOD FRIDAY second books + mus Secto Friday, April 9 Friday, April 16 Friday, April 23 (David out of town) Read Elizabeth Kolbert, "Green Like Me: Living without a fridge, and other experiments in environmentalism," The New Yorker, August 31, 2009, pp. 70-74. http://www.newyorker.com/arts/critics/atlarge/2009/08/31/090831crat_atlarge_kolbert Friday, April 30 Read Matt Hickman, "40 farmers under 40: Readers' choice," Mother Nature Network blog, September 24, 2009 http://www.mnn.com/lood/farms-gardens/stories/40-farmersunder-40-readers-choice; and Rachel Laudan, "A Plea for Culinary Modernism: Why We Should Love New, Fast, Processed Food," Gastronomica, February 2001, pp 36-44. Discuss semester's successes and shortcomings. Brainstorm final party. Prepare a delicious garden meal for the final party This class has no final exam. Grading: o Class participation - 25% overle bist 10 o Social media participation - 25% 3 Arme o Food distribution/group projects o Student Internships - 25% 25% Jon If you are curious or concerned about your grade, you can request a meeting with me 1. Read all assigned readings prior to class. 152 102 2. In class and in the garden, listen to and learn from everyone. 4. No drinking out of non-reusable containers in class. Patricia Harris, David Lyon, and Sue McLaughlin, "Food & Culture," The Meaning of Myla

Gen Ma

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Tests





If you don't have time to **do it right**, you must have time to **do it over**.



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From Wikipedia, the free encyclopedia

Not to be confused with Open education.

Open Educational Resources (OER) are freely accessible, usually openly licensed documents and media that are useful for teaching, learning, educational, assessment and research purposes. Although some people would consider the use of an open format to be an essential characteristic of OER this is not a universally acknowledged requirement.

	Contents [hide]
	1 Definition
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	3 Aspirations of the OER movement
	4 Global OER logo
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Curriki Changes Lives

Aboma Roro, Teacher Metekel Zone, Ethiopia

My favorite Curriki resources are power points and texts for chemistry courses.

RESOURCES & CURRICULA

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- Beginning Research Activities Student activities designed to help you navigate the National Archives resources and web site.
- Online Exhibits Exhibits featuring online documents, photos and primary sources from the National Archives

Our Documents



Today's Document

April 11th: "Edison, California. Young migratory mother."



DocsTeach Find and create interactive learning

activities with primary source documents that promote historical thinking skills.



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www.loc.gov/teachers





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Digital Libraries to School Libraries

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Home

This project's aim is to explore ways in which school librarians can use DL open content to expand and enrich the school library's resource base and instructional support. This project uses the newest web-based technologies to help school librarians identify DL open content, integrate open content metadata into their OPACs, and help use open content for learning.

About the Web2MARC Generator

DL2SL is a website, developed by FSU and funded by NSDL to help bridge the gap between digital resources and school libraries.

Read More About the Project >

New Features

Dewey Browser

This tool allows you to quickly browse through the nearly 1000 sections of the Dewey Decimal system. First, choose one of the top 10 classes, 000-900. Then choose a division and then a section. Use the back button to return to a higher level.

Common Core Browser

The Common Core Standards provide a framework for organizing knowledge and skills that students are expected to learn. Our tool allows you to browse by grade level and subject area. Select a grade level from the left and the standards for that grade will appear on the right. At the top of widget is a search box that provides instant results.





Full Course Sources



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Company Lookup New! Lookup any company in the U.S	two 5-digit ZIPs in the U.S.	area code or phone number.	U.S. Demographics	map with cities, towns & roads.



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Geography -- Various Sources



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1920's	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	25	<u>26</u>	<u>27</u>	<u>28</u>	29
1930's	<u>30</u>	<u>31</u>	<u>32</u>	<u>33</u>	<u>34</u>	<u>35</u>	<u>36</u>	<u>37</u>	<u>38</u>	<u>39</u>
1940's	<u>40</u>	<u>41</u>	<u>42</u>	<u>43</u>	<u>44</u>	<u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>
1950's	<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>	<u>55</u>	<u>56</u>	<u>57</u>	<u>58</u>	<u>59</u>
1960's	<u>60</u>	<u>61</u>	<u>62</u>	<u>63</u>	<u>64</u>	<u>65</u>	<u>66</u>	<u>67</u>	<u>68</u>	<u>69</u>
1970's	<u>70</u>	<u>71</u>	<u>72</u>	<u>73</u>	<u>74</u>	<u>75</u>	<u>76</u>	<u>77</u>	<u>78</u>	<u>79</u>
1980's	<u>80</u>	<u>81</u>	<u>82</u>	<u>83</u>	<u>84</u>	<u>85</u>	<u>86</u>	<u>87</u>	<u>88</u>	<u>89</u>
1990's	<u>90</u>	<u>91</u>	<u>92</u>	<u>93</u>	<u>94</u>	<u>95</u>	<u>96</u>	<u>97</u>	<u>98</u>	<u>99</u>
2000's	<u>00</u>	<u>01</u>	<u>02</u>	<u>03</u>	<u>04</u>	<u>05</u>	<u>06</u>	<u>07</u>	<u>08</u>	<u>09</u>
2010's	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>						
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- Use an asterisk (*) to truncate your search term(s).
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AND -	
Restaurant	
AND -	
Cuisine	
AND -	
Date (use 19x* to find that decade, i.e. 194*)	



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Educational

Resources

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The Images collection is a selection of digital still images which are the very best visual representation of the U.S. Fish and Wildlife Service mission - "working with others to conserve, protect and enhance fish, wildlife, and plants and their habitats for the continuing benefit of the American



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Bureau of Reclamation Photography and Engineering Drawings Collections

Managing Water in the West

The U.S. Bureau of Reclamation has an extensive collection of still and moving images dating from 1902. These collections include photographs [black and white, color, and color slides], movie, and video footage. Reclamation's official photographs relate to construction and maintenance of irrigation projects as well as the economic and social life of the area in which they are located. While most deal with the western United States, some collections contain images of the Southern U.S. in the 1920's and 30's, investigations of irrigation projects in foreign countries, and general subject matter from the turn of the century to the present. Historians researching local history topics will find numerous photographs of interest in this latter category. Included in the Yuma Project, for instance, are an early air show, panoramas of Yuma, Arizona, a ferry over the Colorado River, public buildings and private residences, and a parade through downtown.

Reclamation's photographic collections are found in several locations, including the regional offices located in Boise, Idaho, Billings, Montana; Sacramento, California; Salt Lake City, Utah; and Boulder City, Nevada; and their respective area offices. Even larger collections are maintained by the National Archives and Records Administration in Denver, Colorado and Washington, D.C. Between 35,000 and 40,000 images which pre-date the mid-1930's are housed at Archives II in College Park, Maryland. An additional 50,000 plus photos depicting more recent activities are maintained by the National Archives - Rocky Mountain branch in Denver. In total, Reclamation photographs exceed at least 500,000 images.

Researchers of local history will want to review the "project histories" that were created annually from about 1910



Assistance











National Park Service Digital Image Archives

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How could OER be used in your school and district?



What is one idea from this presentation you can take back to your school and district?



Resources for more information

- I. The OER Handbook for Educators: <u>http://goo.gl/fetBX</u>
- 2. Course: The "How-Tos" of OER Commons: <u>http://goo.gl/luP6O</u>
- 3. Course: Introduction to Open Educational Resources <u>http://goo.gl/j48mE</u>
- 4. Open Content: School Libraries a 'Natural Fit' to Lead Adoption: <u>http://goo.gl/xh1Ro</u>
- 5. Index of OER Resources, <u>http://goo.gl/Jjrc4</u>
- 6. Coursera launches with new OER strategies, <u>http://goo.gl/ybBSX</u>
- 7. Skip the Tuition: 100 Free Podcasts from the Best Colleges in the World, http://goo.gl/yGpr
- Take Any College Class for Free: 236 Open Courseware Collections, Podcasts, and Videos, <u>http://goo.gl/sDOR0</u>
- 9. How open education can transform learning, <u>http://goo.gl/BH0mr</u>
- 10. Wikirriculum: The Promises and Politics of an Open Source Curriculum: <u>http://goo.gl/Xq5t1</u>



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12. 12 Open Educational Resources: From Khan to MIT <u>http://goo.gl/kpUH4</u>

13. A guide to open educational resources <u>http://goo.gl/DJKO4</u>

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- I. <u>http://en.wikipedia.org/wiki/File:Global_Open_Educational_Resources_Logo.svg</u>
- 2. http://en.wikipedia.org/wiki/File:Opensource.svg
- 3. <u>http://en.wikipedia.org/wiki/File:Open_Access_logo_PLoS_white.svg</u>
- 4. <u>http://wikieducator.org/File:Recyclethis-185807557.jpg</u>
- 5. <u>http://www.flickr.com/photos/gracewong/312922826/sizes/l/</u>
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- Presentation Information: <u>http://goo.gl/kqciK</u>
 - includes lists of the resources, slides, & more information & will continue to grow!
- Contact information:
 - Email: <u>hbraum@nekls.org</u>
 - Twitter: @hbraum
- Open Educational Resources

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