



# OPEN EDUCATIONAL RESOURCES PROJECT

## PROJECT UPDATE JULY 2014

### OFFICE OF SUPERINTENDENT OF PUBLIC INSTRUCTION

Digital Learning Department

### DIRECTOR, DIGITAL LEARNING DEPARTMENT

Karl Nelson

[karl.nelson@k12.wa.us](mailto:karl.nelson@k12.wa.us)

### OER PROGRAM MANAGER

Barbara Soots

[barbara.soots@k12.wa.us](mailto:barbara.soots@k12.wa.us)

### WA K-12 OER LAW

<http://apps.leg.wa.gov/RCW/default.aspx?cite=28A.300.803>

### OER PROJECT WEBSITE

[digitallearning.k12.wa.us/oer](http://digitallearning.k12.wa.us/oer)

### TWITTER

@waOSPI\_OER

Open Educational Resources (OER) are teaching and learning materials that reside in the public domain or that have been released under an open license. These resources may be used free of charge, distributed without restriction, and modified without permission.

In 2012, the Washington State Legislature directed OSPI to create a collection of openly licensed courseware aligned with the Common Core State Standards (CCSS) and conduct an awareness campaign to inform school districts about these resources. The Legislature saw this as an opportunity to both “reduce the expenses that districts would otherwise incur in purchasing these materials” and “provide districts and students with a broader selection of materials, and materials that are more up-to-date.”

### During 2013–14, the OER project:

- Conducted a comprehensive instructional materials review of seven full-course secondary OER mathematics curricula and twenty secondary English Language Arts (ELA) units
- Expanded the online library of vetted OER <https://digitallearning.k12.wa.us/oer/library/>
- Created a competitive OER grant program to encourage districts to adapt, develop, or implement OER with five districts sharing the \$90K award
- Hosted an OER webinar series with nationally recognized OER experts
- Delivered OER presentations at professional conferences and meetings, reaching 1055 district administrators, curriculum and technology directors, school board members, teachers, and teacher librarians

### Over the next two years, the OER project will:

- Review middle-school math and ELA OER for Common Core alignment
- Work with recipients of the OER grant on implementation and dissemination of material to all educators via a Washington hub in OER Commons
- Collaborate with OSPI Teaching and Learning on a joint webinar series and targeted regional visits to address district stakeholder needs

## 2014 OER REVIEW

As a part of the legislative mandate to identify and develop a library of openly licensed courseware aligned with the CCSS, OSPI conducted a second review of OER in winter 2014. For this review cycle, we evaluated full-course secondary mathematics (Geometry/Integrated Math 2) and thematic units in 9<sup>th</sup>–10<sup>th</sup> grade English Language Arts. The review process made use of existing review instruments designed to gauge alignment with the CCSS.

Quality assurance and standards alignment are priorities as districts assess any new instructional materials. The goals of the review were:

1. Help educators select high-quality materials for their classrooms
2. Provide districts with information to help with materials adoptions and a replicable process and instruments to evaluate CCSS alignment of instructional material
3. Identify gaps in CCSS alignment that can be addressed by content creators or school district users

To conduct the OER review, OSPI recruited and selected a committee of 10 ELA and 10 mathematics reviewers. Reviewers were chosen from across the state, representing a variety of teaching environments from large districts to small schools in both rural and urban areas. All reviewers demonstrated deep expertise in the content area they reviewed.

### Mathematics

Reviewers found that the 2014 math OER curricula showed far more alignment to the CCSS than resources reviewed in 2013. Several of the reviewed resources show significant promise as a viable selection now and several more could be considered with minor-to-moderate adaptation. Four mathematics resources consistently received an overall average score of 2 or higher (on a 0–3 point scale) across most criteria. For the most part, the other three products showed potential in some areas, but their comprehensive scores were lower, and a majority of the reviewers did not recommend the full course for use, although their use as supplemental material or a portion of a unit was well documented.

### English Language Arts

In ELA, reviewers found many choices for educators seeking units with alignment to the CCSS. For 12 of the 20 units reviewed, reviewers gave an average score of 2 or higher (on a 0–3 point scale) across all criteria. An additional six units had average total scores at or above the midpoint of the scale. Most ELA high school classes use a flexible set of units through the course of a quarter or semester, rather than textbooks with a fixed sequence of units and materials. Educators can reliably consider many of the OER ELA units that were reviewed for use in their classroom and be confident that the units can be reasonably adapted to meet the CCSS by a teacher well versed in the standards.

Overall, the reviewers found a number of resources in both mathematics and ELA that were well aligned to the CCSS, and worthy of consideration by districts choosing instructional materials.

The OSPI OER Project website provides the results of this OER review as well as the process and instruments used.

#### GEOOMETRY RESOURCES

Resource	PC/IM	EQ	AO
<a href="#">CK-12 Geometry Concepts</a> (Reviewed Spring 2014) CK-12 Foundation/Kathryn Dirga, Lori Jordan	■■■■	■■■	■■■
<a href="#">CK-12 Geometry Honors Concepts</a> (Reviewed Spring 2014) CK-12 Foundation/Kaitlyn Spong	■■■■	■■■	■■■
<a href="#">Curriki Geometry</a> (Reviewed Spring 2014) Curriki	■■■■	■■■	■■■
<a href="#">New York State Common Core Mathematics Curriculum: Geometry (Module 1)</a> (Reviewed Spring 2014) EngageNY/Common Core	■■■■	■■■	■■■

Reviewed OER Library:

<https://digitallearning.k12.wa.us/oer/library/>

Full Report (online):

<https://digitallearning.k12.wa.us/oer/review/2014/report/summary.php>

Full report (PDF):

[https://digitallearning.k12.wa.us/oer/review/2014/report/OSPI\\_OER\\_Report\\_2014.pdf](https://digitallearning.k12.wa.us/oer/review/2014/report/OSPI_OER_Report_2014.pdf)

## OER GRANTS

As a follow up to the 2013 OER review, OSPI developed a competitive grant program for districts interested in adapting materials based on reviewer feedback and/or implementing open resources in the classroom. All content created or modified with Washington OER grant funds is openly licensed under the [Creative Commons Attribution](#) license. Five school districts in Washington State received a total of \$90,000 in OER grants.



### Lake Washington School District

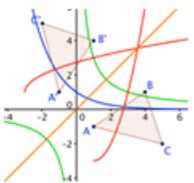
Located in the suburbs east of Seattle, Lake Washington School District is the fifth-largest district in Washington. The district is working to adapt OER high school science textbooks aligned to the Next Generation Science Standards and develop supplemental OER teaching materials and resources to bring to the school board as an option for district adoption.

News: [Seattle Times, 12/12/13](#)



### Selkirk School District

Selkirk School District is a two-school, rural district in the northeast corner of Washington. As a small school district, often old or outdated curriculum materials are used, as funds are scarce with regard to new curriculum purchases. Three secondary classes piloted and implemented OER resources in Algebra I, 11<sup>th</sup> and 12<sup>th</sup> grade English, and Biology.



### Southwest Washington Math Consortium

With grant funds, a consortium of four school districts completed their district-developed Algebra 1 curriculum, and designed accompanying professional development resources. Prior to the grant, the materials were limited in access to the participating school districts. As an open licensing requirement was placed on all materials created with grant funds, this work is now available to all: <http://swwmathematics.pbworks.com>



### Spokane Public Schools

Spokane Public Schools is the largest school district in eastern Washington and the second largest in the state. OER grant funds will help launch the district's K–8 implementation of an OER mathematics curriculum in the 2014–2015 school year, including professional development for instructional leaders and math support resources for students and parents. News: [Spokesman Review, 12/4/13](#); [Spokane Public Schools, 12/5/13\(YouTube\)](#)



### Sunnyside School District

Sunnyside School District is located in the heart of the Yakima Valley in central Washington. They will implement a Common Core aligned OER curriculum across the 6–11 grade bands. With grant funds they created resources to support teachers in curriculum implementation and ensure successful student completion of both the new Common Core assessments and WA state exit exams.

Projects received funding based on a breakdown of anticipated efforts and deliverables into these two phases. This update covers Phase 1 of the grants, lasting for a 7-month period from December 2013–June 2014. Phase 1 final reports indicate the following:

Teachers Served	➔	874
Students Served	➔	23,017
Cost Savings	➔	\$144,500

Four of the original five grantees will be continuing on to their Phase 2 goals for the 2014–2015 fiscal year. Sunnyside School District anticipated doing more work with the Engage NY math material for secondary grades; however, the complete EngageNY resources are not yet available for this grade band.

## OER OUTREACH AND AWARENESS PRESENTATIONS

OSPI's OER Project promoted open resource awareness at professional conferences and meetings across the state. The presentations reached over 1055 district administrators, curriculum and technology directors, school board members, teachers, and teacher librarians. Details are below:

### OER Awareness presentations:

Richland RTI/PLC and School Board	Richland, WA
Achieve OER Institute - state exemplars	Virtual
OER Review Results and Grant Announcement	Virtual
TechFest	Tulalip, WA
Northwest Mathematics Conference	Bellevue, WA
Washington Library Media Association - WLMA	Yakima, WA
State Educational Technology Directors Association Summit	Washington, D.C.
Open Ed Conference	Park City, UT
OER Overview with Shelton School District	Shelton, WA
NCCE OER Summit	Seattle, WA
NCCE OER Presentation	Seattle, WA
OER Licensing with MSP (west side)	Renton, WA
OER Licensing with MSP (east side)	Virtual
OER Day - ESD 105	Virtual
OER - NW RISE (Education Northwest small/rural schools)	Virtual
OER and NGSS with Lake Washington SD	Redmond, WA
Olympia School District Board Meeting - OER Licensing	Olympia, WA
Washington OER Project - Minnesota Learning Commons	Virtual
Washington OER Project - Tennessee Dept. of Education	Virtual
Washington OER Project - K20 Network Advisory Committee	Virtual
Northwest Educational Resources Association - OER Update	Lacey, WA

### Webinar Series



#### **Importance of OER in the Changing Educational Landscape** November 14, 2013

Dr. Geoff Fletcher, Deputy Executive Director of the State Educational Technology Directors Association, shares insights on the role of OER in the reforms moving through our education system.

Archived session: <https://www1.gotomeeting.com/register/914728200>



#### **Adapting, Implementing, and Developing OER** December 10, 2013

Dr. Cable Green, Director of Global Learning at Creative Commons, discusses the opportunity OER provide for an "open common core." He will detail how to attribute others' openly licensed work, how to remix resources with different open licenses, and how to license newly developed OER.

Archived session: <https://www1.gotomeeting.com/register/375235369>



#### **Effectively Locating OER with OER Commons** January 21, 2014

Join Dan Gwaltney from the Institute for the Study of Knowledge Management in Education (ISKME) to discover how OER Commons offers a single point of access from which educators can search, browse, and evaluate OER.

Archived session: <https://www1.gotomeeting.com/register/118158849>



### **Open Professional Learning**

February 5, 2014

Join Karen Fasimpaur in this webinar exploring open professional learning opportunities. These will include opportunities for all grade levels and subject areas to learn more about the Common Core, new curriculum strategies, and transforming your classrooms.

Archived session: <https://www1.gotomeeting.com/register/538431881>



### **2014 OER Review – A Closer Look**

April 25, 2014

Join us for an overview of the OER instructional materials review process. We'll discuss goals for the review, instruments used to evaluate quality, and look at the results from the 2014 OER review of 9<sup>th</sup> -10<sup>th</sup> grade math curricula and thematic units in ELA.

Archived session: <https://www1.gotomeeting.com/register/615250528>

### **OER Grantee Update**

May 28, 2014

As a follow up to the 2013 OER Review, OSPI solicited competitive grant proposals from districts interested in working to adapt materials based on reviewer feedback and/or implement these materials in the classroom. Join us for a review of the work underway by the five projects being funded by OSPI's Grant for Adaptation, Implementation, and Development of OER.

Archived session: <https://www1.gotomeeting.com/register/181387816>

## **COLLABORATION WITH OTHER STATES**

### **Achieve OER Institute**

Washington continues to be an important contributor to the Achieve OER Institute, a group of 7 states (California, Illinois, Louisiana, Minnesota, North Carolina, Washington, and Wisconsin) that have agreed to work together to discuss issues and policy barriers surrounding using OER in college- and career-ready standards implementation.



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