2018-2019 Open Educational Resources Project Grant Awards

Open Educational Resources (OER) are teaching and learning materials that reside in the public domain or have been released under an open license. These resources may be freely used, edited, and shared to better serve all students.

Washington has advocated district consideration of OER as part of a legislative mandate. This message has been amplified by a similar push from the U.S. Department of Education, Council of Chief State School Officers, and the State Educational Technology Director's Association -- all encouraging districts and states to explore OER as an important part of the instructional materials ecosystem.

As more Washington districts develop or adapt OER, we have a tremendous opportunity to:

- collaborate on resource adaptation and development;
- champion effective implementation of resources and define best practices; and
- share developed resources via our OER Commons Washington Hub.

This grant program is in support of that goal. Below are the recipients of the OSPI OER Project Grant for the 2018–2019 school year.

BRAIDING NATIVE KNOWLEDGE IN PUBLIC EDUCATION
Central Valley School District

Teachers will work in a professional learning community to inspire and promote improvement of teaching and learning about Native Americans. Participants will utilize the Spokane Tribal Lifeways curriculum, Native Knowledge 360, and adopted Central Valley School District curriculum to create engaging, rigorous, and contextually relevant learning opportunities.

Project merits and impact:

- Develop a strong partnership with our closest tribal neighbor
- Engage student curiosity to build motivation for learning by engaging in historical inquiry and civic engagement and to build capacity to do disciplinary literacy used when researching, reading and writing to build transference to other content areas
- Scaffold and differentiate historical content and skills; students will learn how to read and react to increasingly complex ideas and text
- Craft assessments to measure learning
- Add openly-licensed materials to the OER Commons Washington Hub

Central Valley School District Group on OER Commons Washington Hub

CONCEPTUAL PHYSICS COURSE DEVELOPMENT
Oak Harbor Public Schools

The Conceptual Physics Course Development project intends to create a new core class in our comprehensive high school that a significant number of our 11th graders would take as the last class of a three-year progression of classes: biology in 9th grade, conceptual chemistry in 10th grade, and conceptual physics in 11th grade.

The creation of a conceptual chemistry class and a conceptual physics class for general education students was recommended by our K-12 science curriculum review team. We have secured approval of this plan and new course from our Superintendent and School Board. The course will be ready for the 19/20 school year.

The new conceptual physics class will be primarily based on CK-12 OER materials and Next Generation Science Standard bundles. This project will bring together district teachers to collectively vet, adapt, differentiate, select, and supplement the core instructional material from CK-12. The resulting course will be openly licensed and accessible to all.

Oak Harbor District Group on OER Commons Washington Hub

REGIONAL STEM INSTRUCTIONAL MATERIALS COLLABORATIVE
Educational Service District 112

There is a need for high-quality instructional materials to support implementation of the Next Generation Science Standards. The STEM Materials Center at ESD112 provides the core curriculum to hundreds of middle school teachers every year, and these materials are in need of adaptation to support student learning. It is not necessary to purchase new materials in order to implement the intent of the Framework for K–12 Science Education. This can be achieved by carefully adapting curriculum and fostering well-trained teachers and other leaders.

For the 2018-2019 school year, the project will be focused on developing integrated instructional units for early elementary (grades 1-2) that accompany science kits received by the districts in the STEM Materials Center. There will also be a focus to revise unit guides to include more explicit integrated connections with Common Core ELA and Math as well as to develop teacher support pages and assessments for the current and previous instructional units.

STEM Instructional Materials Group Website

STEM Instructional Materials Group on OER Commons Washington Hub

SEATTLE SCHOOLS DUAL LANGUAGE IMMERSION SOCIAL STUDIES OER PROJECT
Seattle Public Schools

The Seattle Schools Dual Language Immersion Social Studies OER project aims to identify, then translate and adapt, as needed, resources for teaching US History, Washington State History, including Since Time Immemorial, and World Geography at the middle school level in Spanish, Mandarin, and Japanese Dual Language Immersion programs. Many students in these programs are native or heritage speakers of their language and need access to appropriate academic materials in that language to meet the state's learning standards for Social Studies. This is particularly a challenge for content in US History and Washington State History.

Social studies resources to be translated and adapted will come from existing open resources in English. They will be aligned to the state and district curriculum frameworks for Social Studies and include use of OSPI-developed Assessments for each unit in the curriculum. The materials will be housed on the OER Commons Washington Hub.

FOR MORE INFORMATION

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