

Open Educational Resources Project Grant

2022-2023 Final Report

PROGRAM DETAILS AND IMPACT



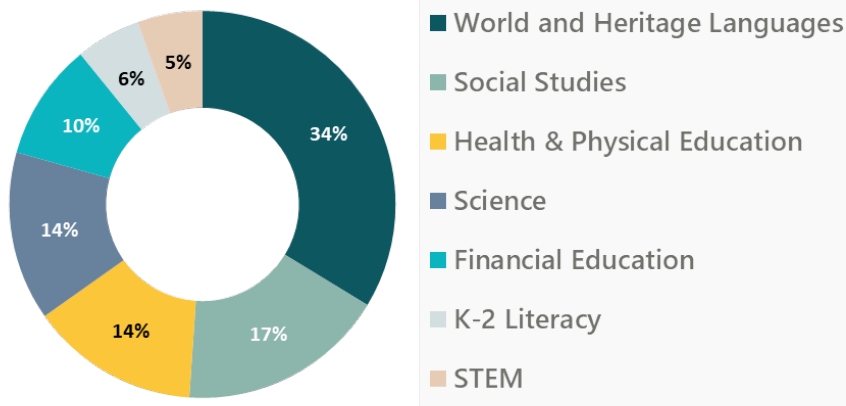
Washington OER Hub

Washington's platform for sharing K-12 open educational resources – providing equitable access to standards-aligned, high-quality instructional materials.



Grants:	10
Lessons/Units Developed:	73
Full Courses Created:	2
Lessons addressing:	
Social Emotional Learning:	24
Project Based Learning:	13
Content Integration:	13
Special Education:	11
Total Awarded:	\$213,348

Content Areas Covered by Developed Lessons



[Visit all grantee resources on the WA OER Hub](#)

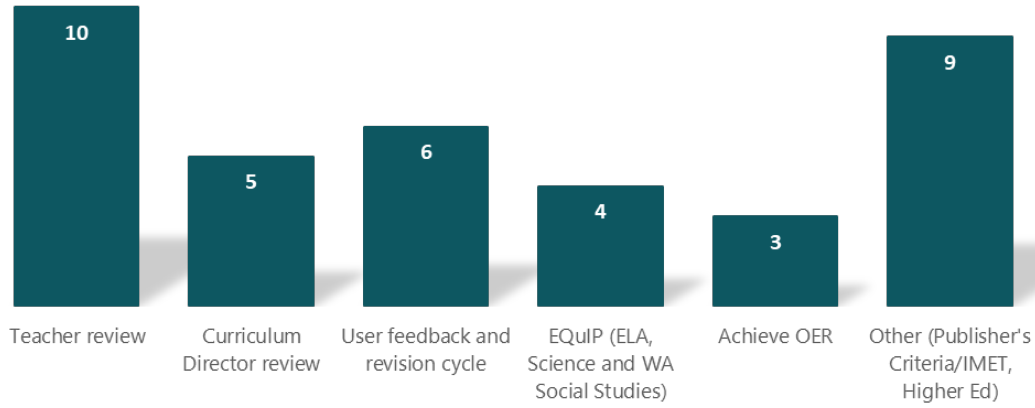


[Download abstract of grant efforts](#)



[Watch a video about the Washington OER Hub](#)

SYSTEMS TO MAKE SURE LEARNING STANDARDS WERE MET



Number of grant projects using each system of review.

GRANT AWARDS



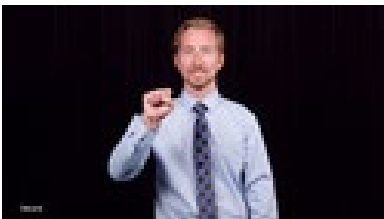
Adapted Physical Education Lessons

Society of Health and Physical Educators (SHAPE) Washington

[Play video overview](#)

[View materials](#)

- Outdoor Education - Hiking (includes adaptations)
- Outdoor Education - Orienteering (includes adaptations)
- Outdoor Education - Frisbee Golf (includes adaptations)
- SHAPE Washington Elementary Soccer (includes adaptations)
- SHAPE Washington High School Spikeball (including adaptations)
- SHAPE Washington Middle School Tchoukball (including adaptations)



ASL Cybersecurity Fundamentals and Career Opportunities

University of Washington – Language Learning Center

[Play video overview](#)

[View materials](#)

- What is Cybersecurity
- Types of Cybersecurity
- Understanding Online Safety
- How to Keep Your Data Secure
- Careers in Cybersecurity



Civics, Financial Literacy, and Health Adapted Resources

San Juan Island School District

[Play video overview](#)

[View materials](#)

- What are some types of government in the world today?
- What exactly does the U.S. Constitution do?
- What are the roles and responsibilities of a good American?
- Building financial literacy: a path to future readiness
- Taking care of your body and preventing illnesses
- Using decision-making skills to enhance health

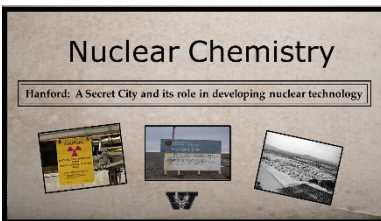


Don't Get Debt Slapped (Spanish Version)

Consumer Education and Training Services (CENTS)

[Play video overview](#)

[View materials](#)



Nuclear Chemistry in Washington

Walla Walla Public Schools

[Play video overview](#)

[View materials](#)

- Nuclear Chemistry in Washington Unit (Lessons 1-13)



Sexual Violence and Sex Trafficking in the 21st Century

Eastside Preparatory School

[Play video overview](#)

[View materials](#)

- Sexual Violence and Sex Trafficking in the 21st Century (Lessons 1-5)



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Spanish 1 Curriculum

Lake Washington School District

[Play video overview](#)

[View materials](#)

- Unit 1: Español 1.1 ¿Quiénes somos? (Lessons 1-6)
- Unit 2: Español 1.2 Familia y Comunidad (Lessons 1-6)



Unlocking Literacy Instruction for Students with Disabilities

Special Education Technology Center - Central Washington University

[Play video overview](#)

[View materials](#)

- Unlocking Literacy for Students with Disabilities - Introduction
- Unlocking Literacy for Students with Disabilities: Universal Tools & Strategies
- Unlocking Literacy for Students with Disabilities: Alphabet & Phonological Awareness
- Unlocking Literacy for Students with Disabilities: Emergent Reading
- Unlocking Literacy for Students with Disabilities: Emergent Writing



UN Sustainable Development Goals - Global Competence Lessons (Heritage Languages)

World Affairs Council of Seattle

[Play video overview](#)

[View materials](#)

- Sustainable Development Goal: Climate Action
- Sustainable Development Goal: No Poverty
- Sustainable Development Goal: Industries, Innovation, & Infrastructure
- Sustainable Development Goal - Quality Education
- Sustainable Development Goal - Peace, Justice, and Strong Institutions
- Sustainable Development Goal: Reduced Inequalities



Washington State History Project and Educator Adaptation Guide

Educurious

[Play video overview](#)

[View materials](#)

- Connected
- Innovation Through the Lens
- Roaring Rivers
- Resettling in Washington
- Decisions that Define Us
- #Rights, #Representation, #Change
- Educurious Washington State History Adaptation Guide

STUDENT OUTCOMES: How was efficacy measured?

Sexual Violence and Sex Trafficking in the 21st Century

Rated "Most Influential" seminar students had ever taken! Words used to describe the seminar in 1-1 conversations post-class:

"enlightening experience"

"made me feel safety in vulnerability"

"incorporated multiple perspectives"

"fun and incredibly informative"

"Completely aligned with reality – no sugarcoating, but utterly supportive"

"I feel this problem on a more human level"

"Empathetic and truthful"

Spanish 1 Curriculum

- Higher enjoyment, relevancy and engagement in WL courses as measured through anecdotal student anonymous responses and higher levels of upper-level Spanish class enrollment.
- Deeper student understanding of Standards and ability to monitor one's own progress in relation to Standards as measured through anecdotal data collection.
- Students using language of Standards and Proficiency to talk about their growth and next steps.

TEACHER OUTCOMES: How was efficacy measured?

Spanish 1 Curriculum

- Deeper teacher understanding of World Languages Standards and effective, research-based practices. Measured through anecdotal evidence and classroom walk-throughs.
- Deeper collaborative cross-district teacher teams, measured by number of cross-district teacher-driven PLCs, frequency of collaboration, and quality of resources produced.

Unlocking Literacy Instruction for Students with Disabilities

- We utilized content experts, including elementary educators, speech and language pathologists, occupational therapists, and Augmentative & Alternative Communication specialist.
- Content was created and artifacts supplied by a group of these experts.
- Feedback was provided via a rubric by educators.

Washington State History Project

- Qualitative feedback from teachers on the usability and implementation of the curricula.

BENEFITS

ASL Cybersecurity Fundamentals and Career Opportunities

- We saw the further potential of such STEM-based Language for Specific Purposes curricula for less commonly taught and under resourced languages. It was an opportunity to explore various challenges and needs in the ASL learning space.

Sustainable Development Goals - Integrated Lessons (Heritage Language)

- This was an incredible opportunity to create lessons on six of the UN Sustainable Development Goals. Educators, students, and other professionals provided important feedback during the grant cycle - and this led to a more robust and effective set of curricula. As the project includes translated materials into four heritage languages, the grant cycle provided a timeline to get critical feedback and pilot essential content/skills, etc. We were able to go through a reflective process that resulted a series of lessons that will widely (hopefully) used in an area (global studies) that is underdeveloped on the OER Washington Hub.

Nuclear Chemistry in Washington

- This grant cycle opened each of us up to new opportunities to explore local phenomena, and to further explore methods of teaching science that are consistent with equity and engagement goals. As a team, we were able to strengthen our content-specific knowledge in the area of nuclear chemistry, further explore the facets of "Ambitious Science Teaching," and also engage a thorough review of existing OER resources -- some of which might be a part of our next curriculum adoption!

Sexual Violence and Sex Trafficking in the 21st Century

- By developing a dedicated course, we raised awareness among students, teachers, and staff about the prevalence and impact of sexual violence and sex trafficking.
- A targeted course helped promote understanding and empathy in a classroom with individuals ranging from those who actively didn't consider the crime serious (and changed their opinion) to those who had actively been affected by sexual violence.
- The course equipped students with the knowledge and skills to identify potential signs of sexual violence and sex trafficking. By empowering them to recognize these issues early on, we increased the likelihood of intervention and prevention, potentially saving individuals (and their friends) from further harm. One of the absolute best comments we got was a student who recognized her friend was likely in a trafficking situation and saved her by holding a talk with her, her parents, and an active mediator.
- Empowerment and support: The course provided students with a safe space to discuss these sensitive topics, encouraging dialogue, and promoting empowerment while ensuring the lack of judgement that many receive on such touchy topics.

Spanish 1 Curriculum

There were many benefits.

- Elevation of district curriculum writing work: Teachers felt validated seeing that our work is of value to share out State-wide
- Elevated our curriculum products: Our work has now had more sets of eyes on it, improving our revision process beyond what we could have done otherwise including: standardizing formatting to improve usability, writing additional descriptions to help teachers new to the curriculum and pedagogy, reformatting for ADA compliance to make our curriculum more accessible.
- Now other Spanish teachers and districts can access our curriculum and hopefully shift curricular costs to other needs
- Networking and collaborating with others working on similar projects.

Unlocking Literacy Instruction for Students with Disabilities

- SETC has supported over 60 school teams this year seeking support with students with complex communication needs and physical access needs. Through those interactions with school teams many of the same barriers and questions come up. It was wonderful to create something based on the needs identified by teachers and therapists working with districts and create modules to support learning for the children they serve.
- We feel the modules makes this content more accessible to para educators who often do not get the training needed to support these learners.

Washington State History Project

- The opportunity to work closely with a cohort of teachers from across the state on the unique opportunities for their students when they have the time and resources to customize and localize a high quality project-based learning curriculum.

CHALLENGES

Adapted Physical Education Lessons

Having other teachers review the unit plans and lesson plans. Still working on that process. It has just taken more time than was originally give to distribute the information to teachers and to get feedback.

ASL Cybersecurity Fundamentals and Career Opportunities

Networking and professional recruitment was a tremendous challenge. We had hoped to collaborate with some professional/corporate employees in the space but learned that ASL proficient individuals are extremely underrepresented in tech and the few that are and were available to speak with us were not in a position where they could comfortably participate in the project. We were fortunate to find an academic specialist (Dr. Kyle Murbach) who was able to provide all of the necessary expertise without corporate info control concerns.

Don't Get Debt Slapped (Spanish Version)

Before translation, we wanted to vet our curriculum to ensure it was culturally appropriate and effective. This was outside the scope of the OER grant and delayed the actual translation, which was the main objective of the OER grant. We dealt with the challenge by securing grants funds from other sources for the vetting of the curriculum and creating a timeline where we could do both (curriculum vetting and translation) by the deadline).

Sustainable Development Goals - Integrated Lessons (Heritage Language)

This was a significant time commitment that included many different elements (translations into four additional languages). We went through a continual revision process that could seem daunting at times. We also wanted to create lessons that were adaptable to in-person and virtual learning. The content (SDG Goals) is large and so it took an incredible amount of time to determine what was the best way to engage teachers and students (through these lessons). We wanted the lessons to be relevant, stimulating, and to be standards-based. Therefore, our vetting process and lesson creation took a bit longer than anticipated.

Nuclear Chemistry in Washington

It is always a challenge to add an increased workload to an already busy schedule for teachers. I think the biggest challenge for our team as a whole was finding time and energy to devote to the process without overwhelming ourselves with stress. Additionally, it was difficult to keep ourselves to only using items that are openly licensed. For instance, models and/or images we wanted for illustrations of difficult or abstract concepts were hard to find without violating copyright laws.

Spanish 1 Curriculum

Time and capacity of staff - We mitigated this challenge by hiring a project manager who helped with many of the technical elements of the project, including uploading documents to the OER Hub and revising work for ADA compliance.

Unlocking Literacy Instruction for Students with Disabilities

The initial challenge of this project was learning the ins and outs of the tools needed to create the modules. This includes Open Author as well as video editing tools. We dove in and become pros at using the tools within a few months. Another initial challenge was that we needed to build educator confidence and clarity so that the educator consultants felt comfortable sharing artifacts. This was improved by relationship building and taking time to understand their needs and also what they hoped to share with the project.

Washington State History Project

Teachers had different degrees of experience, expertise, knowledge, and understanding of curriculum and pedagogy. This required more support and some reimagining of how to proceed with the cohort work in a way that was meaningful for each of the participants.

ADDITIONAL COMMENTS

CENTS greatly appreciates the OER grant it received. It allowed CENTS to design a 2-class video series in Spanish and translate our entire multi-lesson Debt Slapped curriculum into Spanish. These resources will be used for multiple years going forward.

This was an amazing opportunity that has sparked collaboration with districts and also agencies who now wish to help us improve the modules, add more artifacts and spread the word so that the modules get into the hands of educators.

FOR MORE INFORMATION

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Washington OER Hub



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