Well-Rounded Access Program (WRAP)

Course Implementation Update
Spring 2024

Today's Goals

★ Share information about the existing and new courses that are supported by WRAP funds

★ Share updates from the WRAP evaluation team on grant progress with mid-point measures

★ Gather questions and feedback on connections for implementation of WRAP courses in Oregon schools and districts

Background Information

- 5 years (through September 2025)
- $9.8 Million Grant
- Expanding Access to Well-Rounded Courses in STEAM & the Arts

WELL - ROUNDED ACCESS PROGRAM

Why WRAP?

There continues to remain inequitable access to STEAM and the arts:

- Course availability, particularly among rural schools
- Disparate access, even when availability of courses exists
- Disparities in access for student focal groups including Latino/a/x students, Native American/Alaska Native students, students experiencing disabilities, Ever English language learners, Black/African American students
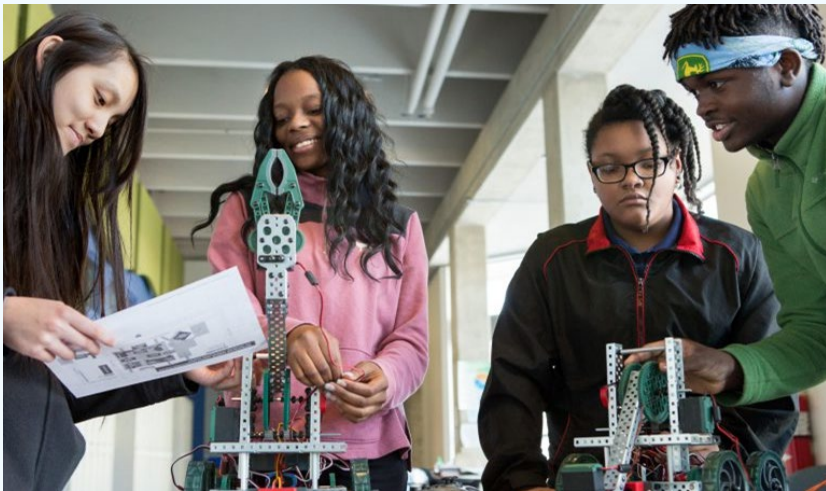
WRAP aims to begin increase equitable access for STEAM and arts.

WRAP Engagement: 2021-2022

- Statewide Survey with over 200 Responses

- Over 30 Engagement Sessions

- Over 80 Engagement Partners including: Community Based Organizations, Culturally Specific Organizations, Arts Organizations, STEM Hubs, STEAM Advocates, Education Partners, Schools & Districts, Parent Organizations

Courses

Expanded Courses:

- **Exploring Computer Science** (9th Grade Foundational Computer Science Course)

- **High School Science for All** (Patterns Science) - Physics, Chemistry, Biology

New Courses:

- **Native Arts Lessons**
  - Tribal Specific Arts Lessons
  - Speak Sing Native: Intertribal Arts Lessons and PD

- **Arts, Care, & Connection Program** (K-5 Arts and TSEL Integration Lessons and PD)

Course Updates

Exploring Computer Science (ECS)

Alignment to:
[Statewide CS Education Implementation Plan](#)

1. **Professional Development (July 29 - August 2)**
   - **[Teacher Professional Development](#)**
     - ECS 2-Year Cohort PD
     - Elementary CS Concepts
   - **[Administrator/Counselor Resources and Training](#)**

1. **Regional ECS Teacher Support**

1. **Statewide Evaluation: Equity of Participation and Engagement in Computing Courses**

High School Science for All

Teacher Professional Development

- New Teachers: Overview and use of curriculum
- All Teachers: Instructional Strategies (including a PLC)

Continuous Review & Improvement in Curriculum

- Next Generation Science Standards Alignment
- Equitable Access and Representation
- Arts Integration
- Increased Accessibility for Rural Schools, including Online Options and Place-Based Content

PHYSICS   CHEMISTRY   BIOLOGY

Native Arts

Tribal Specific Arts & Culture Lessons

- Lessons for K-12 students across multiple arts areas
- Developed by area Tribes and aligned with 9 Essential Understandings from Tribal History/ Shared History Curriculum
- Aligned to Oregon Arts Standards
- Working currently with Confederated Tribes of Umatilla, Coquille Indian Tribe, and planning agreements with Confederated Tribes of Warm Springs, Confederated Tribes of Coos, Lower Umpqua, and Siuslaw, and Burns Paiute Tribe

Native Arts

Speak/Sing Native™

Speak Sing Native Intertribal K-12 Lessons featuring Contemporary Native Artists and Musicians

- Expanding 9-12 lesson series to include multidisciplinary performing arts lessons for K-12 native and non-native students
- Developed by Jim Pepper Native Arts Council
- Aligns with TH/SH lessons and Oregon Arts Standards

Native Arts Professional Development

- Culturally responsive professional development and support for K-12 Educators teaching Native Arts content
- Asynchronous and in person PD opportunities available

Arts, Care & Connection

Photo by Yan Krukau

K-5 Arts, Care & Connection Lessons

- Lessons for K-5 students across multiple arts areas
- Aligned to Oregon Arts Standards, Transformative SEL Standards and ODE's Integrated Model of Mental Health
- Arts integration strategies for increased access to arts and social emotional learning in K-5 classrooms
- Spring Pilot Lessons Series available in the Oregon Arts Group!
- Full set of 96 modules available for SY 2024-25
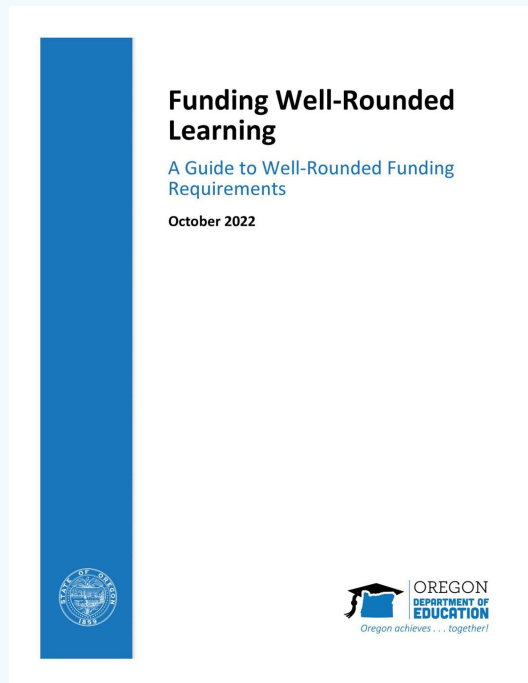- Translated into Spanish; incorporating ELP standards alignment

Arts Learning Professional Development

- Professional development and year-long support for K-5 educators
- Opportunities for participating schools and districts to connect with arts organizations and teaching artists
- Registration available soon for the 2024-25 SY

Developed Resources

Well-Rounded Programs Resources

- [Funding Well-Rounded Learning Guide](#) 2022

- [Funding Sources for Arts Programs](#) June 2023

- [Oregon Arts and STEAM Education Organization Lookup Tool](#) June 2023

Funding Well-Rounded Learning

A Guide to Well-Rounded Funding Requirements

October 2022

OREGON DEPARTMENT OF EDUCATION
Oregon achieves . . . together!

Arts Education Resources

- [Arts Access Toolkit](#), Released June 2023, 2.0 Revisions planned for Spring 2025

- [Communicating the Benefits of Arts Education](#) June 2023

- [Integrating Transformative SEL and the Arts Guidance](#) April 2024

- [Oregon Arts Group](#) free resource collection available! Educators, please join and contribute!

STEAM Education Resources
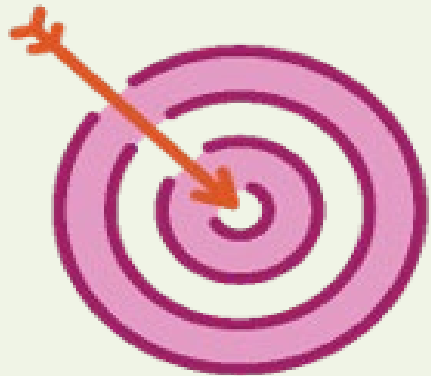
STEAM Access Toolkit

- Release Date: Spring 2025
- Won opportunity through Education Commission of the States and Arts Education Partnership for Technical Assistance for this project
- Collaborating with Department of Early Learning and Care and STEM Hubs on STEAM communications and integration statewide

Evaluation Progress

Baseline Measures and Mid-program Progress Highlights

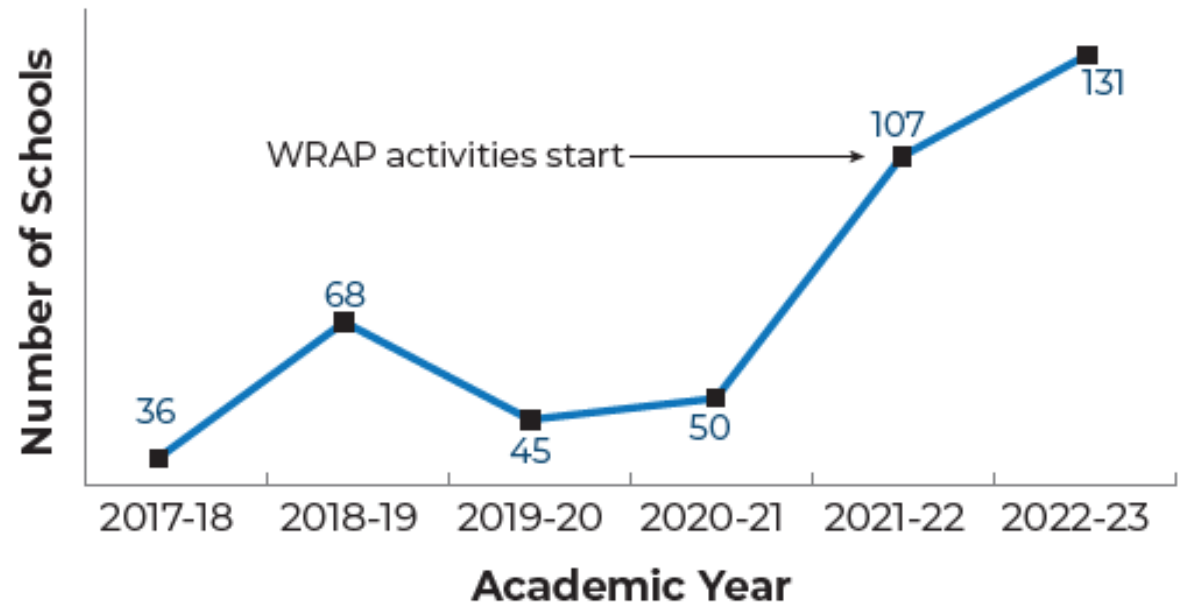**Evaluation Team: OSU STEM Research Center**

WRAP Evaluation Reports

- Baseline Measures and Mid-Program Progress Report
- WRAP Executive Report
- WRAP One-Pager
    - STEAM and Arts Education Progress
    - Course Access Structures Progress
    - Communications Progress
    - Future Directions for Program

STEAM Education

Challenge: There are currently inequities in the availability of high school STEAM courses, particularly between urban and rural schools.

Preliminary Results: Schools with teachers participating professional development rose from 107 to 131 schools, a 22% increase.

The number of schools participating in HSS4A professional development

WRAP activities start →

36 | 68 | 45 | 50 | 107 | 131

2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23
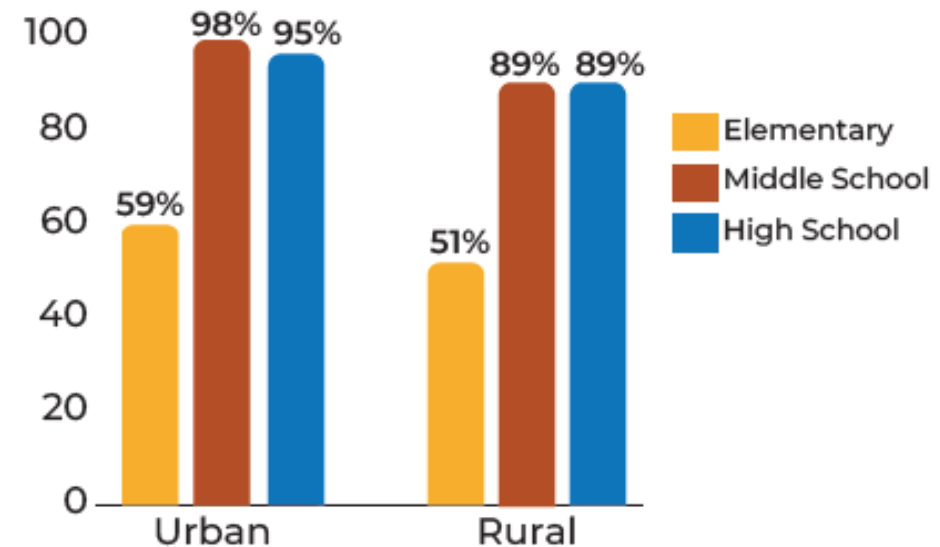
Number of Schools

Academic Year

Arts Education

Challenge: Fewer arts learning opportunities exist for elementary students compared to students in middle and high schools. There are also fewer arts opportunities for rural students relative to urban students.

Preliminary results: The Arts, Care & Connection curriculum is currently being piloted across 18 schools, 72 elementary teachers, and reaching at least 1,577 students.

There are fewer arts learning opportunities for elementary students and for students in rural schools
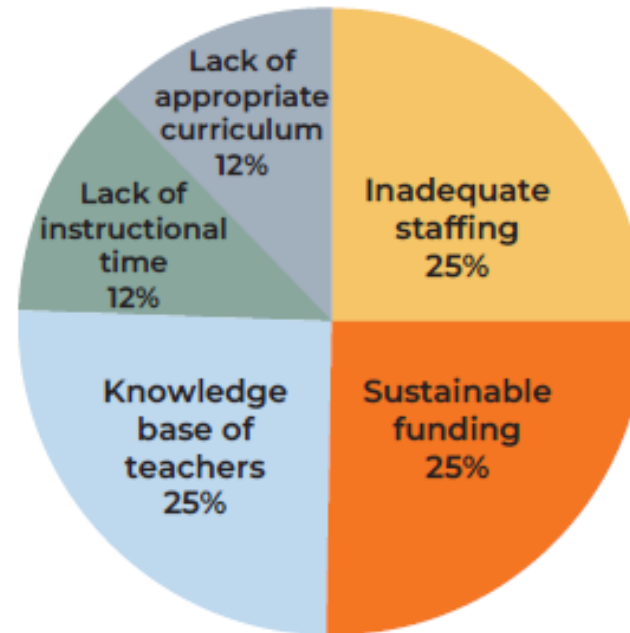
Course Access Structures

Challenge: Teachers and administrators identified multiple challenges to providing STEAM and arts learning opportunities.

Preliminary results: Activities to increase the knowledge base of teachers and provide access to equity-focused STEAM and Arts curriculum materials through the professional development are underway.

Challenges to providing STEAM/arts education identified by school adminstrators (n=38)

- Lack of appropriate curriculum 12%
- Lack of instructional time 12%
- Inadequate staffing 25%
- Sustainable funding 25%
- Knowledge base of teachers 25%

(source: surveys and public engagement sessions)

Communications

Challenge: There is need for shared understanding of the definition of STEAM and the importance of STEAM and arts in a well-rounded education.

Preliminary Results: WRAP developed educator resources such as the Arts Access Toolkit and STEAM/Arts funding resources webinar and are available for download on the WRAP website. Also, both a WRAP and Arts newsletter are distributed regularly.

What is STEAM?

thinking standards stem learn projects integrated school hands-on areas skills knowledge connected career community stand innovation creative education content real problems solving necessary integration engaging life curriculum alone subjects courses integrates solutions opportunities problem design relevant solve critical approach curiosity think world

(source: surveys and public engagement sessions)

Summary and Future Directions

- WRAP activities are proceeding well and are on track for meeting the goals of the program.

- Course Development in particular is showing good progress with a significant increase in participation in High School Science for All professional development.

- There are several avenues of Communication in place including the WRAP website and both a WRAP and Arts newsletter.

- The STEM Research Center at Oregon State University will continue to monitor progress and provide timely feedback to ensure the success of the WRAP.

Time for Questions and Connections

Stay Connected!

[Well-Rounded Access Program Website](#)

[Oregon Arts Standards Website](#)
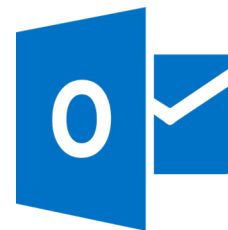
[Arts Education Resources Website](#)

[Arts Access Toolkit Website](#)

[Arts Newsletter](#)

[WRAP Newsletter](#)

Email us at [ODE.WRCoursesGrant@ode.state.or.us](#)