



# STEM Beyond School

## Participating Hubs

Central Oregon STEM Hub  
Columbia Gorge STEM Hub  
Lane STEM Hub  
Mid-Valley STEM-CTE Hub  
Portland Metro STEM Partnership  
Umpqua Valley STEAM Hub

## Goals and Deliverables

- Participate in a Community of Practice for Out-of-School Time (OST) STEAM with Hub leaders to share best practices and staffing to support the local OST/Network.
- Recruit local OST educators to participate in the statewide and regional networks.
- Host and Coordinate two regional events for local OST educators to meet regional needs, and process stipends for participants.
- Provide mini grants to local OST programs to address barriers to STEM/STEAM program implementation or student engagement for OST STEAM Programs.
- Support collection and submission of post-activity performance and demographic data to the lead organization at OSU.

## Grant Overview

STEM Beyond Schools (SBS) was established to focus on providing and creating a supportive infrastructure for community and culturally based out-of-school time programs to continually improve and expand these high-quality STEAM

learning experiences to youth over time. SBS was built upon research-based best practices for effective OST STEAM youth experiences.

## Addressing Equity

STEM Beyond Schools builds the capacity of out-of-school educators to provide Out-of-School Time STEAM programming to their youth by increasing access to STEAM professional development (PD) opportunities for out-of-school educators statewide who work with students navigating poverty, students of color, English Language Learners/emergent multilingual students, and students with disabilities. [The Network](#)

## Lead Hub Outcomes

- From September 2021 to June 2023, Portland Metro STEM Partnership (PMSP) participated in all SBS sessions with STEM Hub leaders.
- From September 2021 to June 2022, PMSP recruited out-of-school educators for the 2021-2022 cohort and 2022 to 2023 cohort.
- From October 2021 to April 2023, PMSP hosted 16 STEM Equity Ally workshops (nine sessions in 2021 to 2022 and eight sessions in 2022-2023), including one in person session with STEM Beyond School educators were invited to attend. PMSP also hosted one STEM Beyond School in-person event in May of 2023.
- From December 2021 to February 2022, PMSP developed an application for SBS

educators to request mini grants, with results expected in July of 2023.

- 62 educators were served with a total of 1,166 professional development hours completed.
- An estimated 7,750 students were impacted by the project.
- Most participants agreed or strongly agreed they are more confident in designing quality STEAM lessons that reach each of their students.
- Most participants agreed or strongly agreed they better understand how to address issues of equity (race, gender, poverty, language, disability, etc.) in STEAM in their classrooms.

*"I now understand and have the skills to align my program with the aforementioned standards. Additionally, I better understand the value of giving students voice & choice as a strategy for increasing engagement."*

*"SBS opened my eyes to the importance of social and emotional learning as a base for STEAM Learning."*

