



OREGON
DEPARTMENT OF
EDUCATION

Mid-Valley
STEM-CTE HUB



Organization

Backbone Organization: Linn-Benton
Community College
Counties in Region: Linn & Benton
Sq. Miles in Region: 2,971
STEM Hub Director: Sarah Whiteside
Email: whitess@linnbenton.edu
Website: midvalleystem.org
Podcast: midvalleystemctehub.podbean.com
[Annual Report](#)

By the Numbers

School Districts	11
Students	29,758
Educators Participating in PD	65
Educator Hours in PD	251
Students Participated in Programs	923
Hours of Programming Offered	55
Student Hours in STEM Programs	6,001

Mid-Valley STEM-CTE Hub: Built with Community

What began as a pilot with local CBO Casa Latinos Unidos has grown into a permanent STEM library and makerspace for tutoring and family learning at Colonia Paz Housing in Lebanon—a model of sustainable, community-driven education. In partnership with Casa Latinos Unidos and Colonia Paz leadership, the Hub co-designed a space where youth and families engage in bilingual, hands-on learning and culturally responsive mentoring. This place-based, family-centered program now offers year-round STEM activities and resource access built on trust, representation, and community leadership.

Beyond Colonia Paz, collective impact extends through the Regional Teacher Pipeline with LBCC, Lebanon Grow Your Own (GYO), Linn-Benton-Lincoln ESD, and the developing Bachelor of Arts in Elementary Education (BASE) program—an innovative, community-college–anchored pathway expanding affordable local access and wraparound support for future teachers. Together, these partners integrate standards-aligned STEM kits, practicum experiences at The MILL, and kit-based professional learning into teacher preparation, building a diverse, locally rooted educator workforce ready to deliver inclusive, high-impact STEM instruction across Linn and Benton counties while advancing STEM equity.

Explore more community partnerships in our [Annual Report](#)

Math Equity in Action: Mathways + Khanmigo

Across Linn and Benton counties, the Mid-Valley STEM-CTE Hub is helping middle school students see themselves as mathematicians through Mathways—a collaborative effort to make math meaningful, visual, and connected to real-world problem-solving.

In 2025–26, the Hub expanded its impact through adoption of Khanmigo, Khan Academy’s AI-powered teaching and learning assistant, now serving nearly 900 students across four districts. Developed in partnership with the Oregon Math Project and the Higher Education Coordinating Commission (HECC), this pilot ensures equitable access to personalized, high-quality math tutoring for rural and historically underserved learners. Through the Hub’s [Educator Lending Library](#), teachers access standards-aligned classroom kits for hands-on, active learning and differentiated instruction, circulating weekly across 11 school districts in the region. By embedding both AI-supported personalized learning and applied math practices, the Hub is building math confidence that extends into science, CTE, and future careers.

Learn more in our [2024–25 Annual Report](#) and [About Us video](#)



Prototype to Pathway: Career-Connected Learning at The MILL

The Hub’s MILL (Maker & Innovation Learning Lab) connects classrooms to careers through an ecosystem that unites educators, students, and industry partners.

In summer 2025, 21 educators from 17 schools participated in the Hub’s Educator Externship Program, engaging with Hewlett Packard, Northwest Natural, Videx, and the City of Albany. Educators praised the hands-on approach—*“I could directly imagine my students in these roles—this made the experience especially meaningful.”* These externships transform workforce insights into lesson plans and mentoring that resonate with students, especially in rural and low-income communities.

Simultaneously, the MILL Educator Cooperative pilots a service-hours model granting access to advanced tools and peer learning, while the Invention Lab gives students—including those with disabilities—opportunities to prototype real-world solutions alongside industry mentors. Together, these initiatives position The MILL as a regional launchpad for innovation, equipping educators and students with the skills, confidence, and creativity to thrive in Oregon’s evolving STEM and CTE landscape.