

WASHINGTON STEM WAS FOUNDED TO REIMAGINE AND REVITALIZE STEM EDUCATION FOR EVERY STUDENT IN WASHINGTON. We're tackling this problem by driving innovation and improvement in STEM education. We nurture and scale breakthrough ideas in STEM education, invest in communities to grow networks of STEM professionals and educators, and advocate for important policy changes. Since our launch in March 2011, we have invested approximately \$6 million and reached over 800 teachers, 24,000 students, and over 100 organizations.

Our goal is for all Washington high school graduates to be STEM literate, prepared to complete post-secondary degrees, and thrive in Washington's STEM-driven workforce and society.

WE'RE BRINGING INCREASED FOCUS ON THREE KEY AREAS.



STEM INNOVATION. SCALING BREAKTHROUGH IDEAS + PROMISING PRACTICES.

Washington STEM's STEM Innovation team incubates breakthrough ideas in STEM teaching and learning and then scales them across Washington in a cost-effective way. These quality STEM education ideas are from our state, nation, and world and are accelerating teacher and student success.

Currently the STEM Innovation team is working on STEM-PD, a pioneering use of technology that provides teachers with professional development experiences that improve instruction, particularly around Common Core State Standards and Next Generation Science Standards. In 2014, Washington STEM announced the expansion of the initiative to 50 schools across the state, including six teachers who are sharing their teaching practices to explore new ways to use technology in their professional learning.



STEM NETWORKS. SUPPORTING COMMUNITY SOLUTIONS, STATEWIDE.

Our STEM Networks are creating unified systems of STEM education in their own communities – fostering partnerships, eliminating the duplication of work, and increasing impact. Washington STEM's role in this process is to create a network of networks that spreads best practices among communities and drives the scaling of effective practices across the state.

Washington STEM invests in STEM Networks around Washington state to accelerate student success in ways that align with local economies. In 2012, Washington STEM launched STEM Networks in South King County, Spokane County, and South Central Washington. The following year, Washington STEM invested in four more communities – Mid-Columbia, Snohomish, Southwest Washington, and West Sound.



STEM POLICY. SUPPORTING BOLD STATE LEADERSHIP IN STEM.

Washington STEM offers pragmatic, nonpartisan recommendations to improve STEM teaching and learning for all students. We work with our STEM Networks, policymakers, and other education advocates to bring creative solutions that will remake our state's education system and, with it, the futures of generations of young Washingtonians.

Our work has resulted in Washington state allowing Advanced Placement Computer Science to count as a math or science credit towards graduation; creation of the Governor's STEM Education Innovation Alliance; and adoption of the Next Generation Science Standards. We also bring together education, business, and community leaders from across the state at our annual STEM Summit to share innovations and solutions while inspiring action.

