



# WASHINGTON STEM **CREATING IMPACT TOGETHER**

## Why STEM?

By the time today's kindergartners enter the workforce, almost every career-track job will require science, technology, engineering, and math (STEM) skills - from technical know-how to creative and critical thinking skills.

However, many Washington students - especially students of color, girls and young women, students living in poverty, and students living in rural areas - don't have access to a quality STEM education.

That's where we can work together to make sure Washington students are ready for the future.

When you join efforts with statewide nonprofit Washington STEM, you connect with hundreds of business, education, and community leaders who are working to make sure Washington's youth graduate inspired and prepared to be the next generation of thinkers, inventors, and builders.

## About Washington STEM

Washington STEM amplifies and delivers solutions and partnerships that bring STEM education and career connected learning to Washington's students.

We do this through:

- **STEM NETWORKS:** Our 10 regional STEM Networks and King County STEM partners bring over 240 education, business, and community partners together to build student success and connect them with STEM career opportunities in their local communities.
- **DATA AND INFORMATION SHARING:** We collect and analyze data in key areas like early learning, K-12, higher education, and labor and economics. This information sharing helps us test, pilot, scale, and replicate our efforts and determine new focus areas.
- **ADVOCACY:** We are the go-to resource for Washington policymakers at the state and federal level, offering pragmatic, nonpartisan policy recommendations to improve STEM access and success.



***"I really hope I can keep doing engineering because I think it's really fun. And it's cool that we're learning all of this."***

Amy Mendez, 5th grader, Selah Intermediate School, on taking on the real-world task of designing water filtration systems in her 5th grade classes.

## OUR FOCUS AREAS

Your partnership allows us to focus on the critical moments that research tells us matter most to student success: early STEM education and career connected learning.

**Early STEM:** When kids start kindergarten familiar with how to “think math,” their academic outcomes start strong and stay strong through high school graduation. We work with nonprofits, educators, and families to spark curiosity in STEM subjects and increase math literacy to give kids the best start possible in their education.

**Career Pathways:** There’s a big gap between family-sustaining careers across Washington communities and the preparation young people need to benefit from those careers. We work with business, education, and community partners to expand the quality and availability of career connected learning experiences ranging from career exploration to internships and apprenticeships.



## OUR IMPACT

Since 2011, Washington STEM has worked alongside partners like you to advance equitable policy, program, and practice to support STEM education and career pathways. Some highlights:

- We launched the “career connected learning” movement, now on track to create **29,000** career exploration, internship, apprenticeship, and other career learning experiences in the next two years.
- Over **550,000** Washington children ages 0-8 are supported by Washington STEM’s community partners participating in the Washington Early Math Coalition.
- We’ve **increased funding** for computer science, STEM classrooms, STEM scholarships for low- and middle-income students, and programs supporting students of color.
- We launched the annual **STEM by the Numbers** series, the first region-by-region cross-sector analysis of STEM education and education-to-workforce learning that will allow regional leaders to direct resources and efforts where they will make the most student impact.
- In the last seven years, awareness of and support for STEM education has **tripled** in Washington according to a bi-annual poll.



## YOUR SUPPORT MATTERS

Contact us to discover how you or your company can support Washington students.

[www.washingtonstem.org](http://www.washingtonstem.org)

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