



# CHAMPIONING EQUITY AND CAREER-CONNECTED LEARNING

The Snohomish STEM Network in partnership with Economic Alliance Snohomish County (EASC) exists to expand STEM skills awareness, STEM literacy and awareness for students and parents about the countless exciting career opportunities that exist in Snohomish County and the Puget Sound region.

In 2020, EASC invested in its asset of connecting industry with education through the Snohomish STEM Network by creating two full time positions. This investment has proven to create stability in programing and partnerships for Snohomish County and throughout the region.

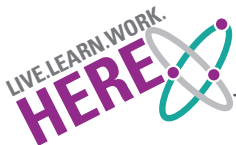
YEAR IN REVIEW



The Snohomish STEM Network continued STEM Like Me! Career exploration programming early in 2020. Harmsen, LLC mentors shared site plans at Hidden River Middle School in Monroe, which showed engineering plans of their school and what skills they used to plan for constructing! To date, business mentors from across Snohomish County have supported more than 800 student experiences.



ChildStrive partnered with the Network to implement a series of early learning Vroom and Math Anywhere trainings and events for Snohomish County educators, childcare providers, and parents in Marysville and Monroe. In response to the pandemic, the Network identified delivery strategies and five existing community partners to safely disseminate learning materials. This program implemented by ChildStrive, provided training for 62 early learning professionals and 125 families, where 906 families received materials. ChildStrive's successful implementation positioned them to receive additional funding for 2021 programming in Snohomish County.



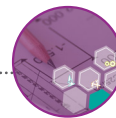
Live Here. Learn Here. Work Here. is a newly developed career connected learning program aligned with our state's High School and Beyond Plan where educators are able to easily implement and assess impact without additional planning or resources. Through Career Connect Washington funding, the Network partnered with NWESD 189 to create a regional YouTube channel providing rural students with the opportunity to virtually connect with local talent. Additional programs will support rural high school students with a hands-on problem-solving unit and internship experience supported by Boeing Global Engagement Grant funding.



Our Annual Spring Into STEM on March 11th at Imagine Children's Museum in Everett had 13 learning stations ranging from business to public utilities with hands-on activities for 163 students and parents. On stage there was a riveting chemistry experiment that engaged the audience!



**COVID-19**  
Collaborated with partners to adjust for virtual learning.



**Revitalized Our Website**  
Leadership Snohomish County Signature Class determined functions for the Network to implement on our website.

### Industry Survey

Career Technical Education (CTE) Directors engaged the Network to assess value and efficacy of K-12 and Career and Technical College CTE programs (results on back).



Career Connect Washington regional network partners including NWESD 189, Workforce Snohomish, NW Workforce Council and NW STEM Network, strategically aligned 2020 resources in our region resulting in a rural five county CTE Network through NWESD, technology to support implementation of STEM Like Me To Go!, and development of a virtual locally based career exploration platform. This is a comprehensive rural model for career connected learning currently being piloted in Darrington School District with the capacity to scale programming.



### CONNECTING INDUSTRY + EDUCATION

Career Technical Education (CTE) Directors engaged the Snohomish STEM Network to conduct an industry survey in assessing value and efficacy of K-12 and Career and Technical College CTE programs. The findings of the report from 92 respondents where 91% serve on advisory or directly provide skills training experiences for K-12 and Career Technical Colleges, reflected 93% identified CTE programs as being very important in cultivating the next generation of workforce for their respective industries.

67% of respondents identified current work-based learning opportunities are very relevant to industry needs. When asked about the most effective ways employers can support CTE programs, employers identified providing increased capacity for work-based learning experiences for students as the greatest area of growth opportunity across multiple sectors: job shadow, paid or unpaid internships, company or facility tours, presentations or panel discussions. This is where the Snohomish STEM Network has and will continue to support connections between industry and education.

Financial Aid completion is a key indicator of credential attainment, including industry recognized credentials and apprenticeship for K-12 students. Where Washington State is consistently in the top three states nationally for access to STEM related jobs, our students are in the last in the nation when it comes to completing financial aid applications. Financial capacity may be a perceived barrier for students early on in their education, where local, regional and state resources are being activated and leveraged to support Snohomish County students in completing financial aid, particularly in pandemic times.

#### LEADERSHIP COUNCIL

- Arlington School District
- Boys & Girls Club Snohomish County
- City of Everett
- Darrington School District
- Deep Blue Strategic
- Economic Alliance Snohomish County
- Edmonds College
- Edmonds School District
- Everett Community College
- Everett Public Schools
- Granite Falls School District
- Index School District
- Lake Stevens School District
- Lakewood School District
- Marysville School District
- Monroe School District
- Mukilteo School District
- Northshore School District
- Snohomish County
- Snohomish County PUD
- Snohomish School District
- Sno-Isle Libraries
- Stanwood School District
- Sultan School District
- The Boeing Company
- University of Washington Bothell
- Washington State University NPS
- Workforce Snohomish

*“Through Snohomish STEM Network meetings, a variety of partnerships were seeded and supported including a new computer science high school internship, and virtualization of countless STEM learning programs where Network partners continue to tirelessly work with community to support Snohomish County early learning, K-12, and post-secondary students and schools.”*

- **ANGIE SIEVERS**, *Snohomish STEM Network Director*

