

Advancing STEM Education in Our Community

What Is STEM?

STEM stands for Science, Technology, Engineering, and Math – STEM programs expose students to these interconnected subjects through a wide range of activities (from robotics to manufacturing) that help prepare for careers in today's economy.

What Is CTE?

CTE stands for Career and Technical Education - These hands-on, applied courses teach students real-world skills that prepare them for future education, training, and careers. Examples of CTE courses that prepare students for careers are engineering, construction, and business.

Why are STEM and CTE important for my child?

We need to prepare all of our students for success in our complex and changing world. STEM and CTE courses and programs teach students curiosity, critical thinking, and problem solving skills linked to careers in healthcare, accounting, and computer science. STEM and CTE help to prepare students for future success in college and careers.

What is changing?

Our region – Clatsop, Columbia, and Tillamook counties – has received funding from the state to improve STEM options in our schools. This means more student internships, new courses, new clubs, and improved student supports. In addition, we will be working to increase access for *all* students within our community. The Northwest STEM Hub is committed to connecting youth with the types of experiences that spark their interest and give them the skills needed to thrive.

How can I learn more or get involved?

As we work to develop and support programs, we want to hear from you. How can we better support your child/children in exploring STEM? Please share your suggestions via our short survey or by emailing Myronda Schiding at: mschiding@nwresd.k12.or.us.

Our Goals:

- Increase inclusion and accessibility of STEM programming throughout the region.
- Improve opportunities for students historically underrepresented in STEM careers.
- Improve the quality and alignment of STEM offerings in our schools.
- Better prepare students for entry into high-wage, high-demand careers.



Community STEM and CTE Hopes and Dreams

<https://goo.gl/forms/E6eCzjDSQ09aUrOC3>

1. What town and county do you live in? What school district do you reside in?
2. How would you describe yourself? (Select all that apply.)
 - Youth
 - Community Member
 - Parent
 - Teacher
 - Community Organization
 - Other (please specify) _____
3. What are examples of what is going well in your community's STEM and CTE programs? (Select all that apply.)
 - STEM Classes at school
 - Robotics activities
 - Columbia River Maritime Museum STEM activities
 - Career and Technical Education courses at high school (examples: construction, business, engineering, agriculture, etc.)
 - Community College camps and activities
 - Other (please specify) _____
4. What is missing from STEM and CTE programming? Is there programming you would like to see more of?
5. What are your hopes, dreams, and priorities for your children and community in the areas career exploration and education?
6. Do you want to be involved? If so, please provide your contact information below.

Name: _____

Email address: _____

Phone number: _____