

# The Oregon Coast STEM Hub

*Providing world-class Science, Technology, Engineering, and Mathematics (STEM) opportunities for K-14 educators and students along the Oregon Coast*

## Who We Are

The Oregon Coast STEM Hub is a collaborative effort of more than 45 partners, including coastal school districts, post-secondary institutions, non-profits, government agencies, and businesses. Located at Oregon State University's Hatfield Marine Science Center, the Oregon Coast STEM Hub seeks to connect K-14 educators along the Oregon Coast with the knowledge, resources and support necessary to provide effective Science, Technology, Engineering, and Mathematics (STEM) education.



## Our Mission

The Oregon Coast STEM Hub supports K-14 STEM education along the Oregon Coast by collaborating with diverse partners, leveraging local and regional resources, to produce college and career-ready students who are equipped to meet current and future societal challenges. By utilizing evidence-based instructional practices, connecting in and out-of-school learning, facilitating effective communication amongst stakeholders, and mentoring students and educators, we seek to improve STEM educational opportunities for *all* students in our region.

## The Oregon Coast STEM Hub is committed to:

- Promoting STEM literacy along the Oregon Coast and beyond
- Inspiring student interest and participation in STEM activities and careers
- Enhancing the local and regional STEM workforce
- Increasing opportunities for *all* students in the STEM disciplines

## Our Objectives

Working with K-14 educators, non-profits, government agencies, and STEM industry professionals, we are addressing the critical needs of the region by:

- Invigorating and expanding STEM programs along the Oregon Coast
- Supporting robust STEM-related professional development programs for regional educators
- Utilizing community outreach programs to encourage and stimulate the interest of *all* students in the STEM disciplines
- Forging partnerships to promote K-14 STEM education

## Our Approach

- Engage students in hands-on, relevant activities that encourage the integration of STEM subjects, the involvement of community mentors, and the development of problem solving, collaboration, and communication skills.
- Provide K-14 teachers with access to a network of support that includes Professional Development facilitators, STEM mentor teachers, informal educators, scientists, and community mentors.
- Connect educators, parents, and partners to STEM resources and opportunities through the Oregon Coast STEM Hub website and social media.



*Connect with the Oregon Coast STEM Hub and make a difference for yourself and for others:*

- Enhance your STEM teaching practice with our professional development offerings
- Encourage students to participate in STEM fairs, engineering competitions, camps, internships, and other STEM-related activities
- Support our programming by being a donor, a mentor, or a volunteer

**LOOK** at, **LINK** to and **LIKE** the **Oregon Coast STEM Hub** network, and **LET** us know about your program's STEM-related activities:



**Website:** <http://oregoncoaststem.oregonstate.edu/>

**Facebook:** <https://www.facebook.com/OregonCoastSTEM>

**Blog:** <http://blogs.oregonstate.edu/oregoncoaststem/>

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