

Opportunity for Gr 6-12 Math and Science Teachers

Teachers:

Apply to join the
2020-2021 ORSEA Cohort!



**OREGON MARINE SCIENTIST
AND EDUCATOR ALLIANCE**

ORSEA connects math and science *educators* with *scientists* to create and pilot lessons centered around marine-focused *anchoring phenomena*.

See 2019-2020 ORSEA Lessons

<https://oregoncoaststem.oregonstate.edu/orsea>



OYSTER LARVAE CATASTROPHE



DECLINING SEAGRASS ABUNDANCE



COPEPOD CONUNDRUM



MANAGING WHALES AT RISK



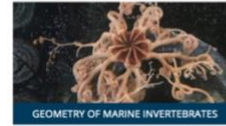
MURRE POPULATIONS IN FLUX



MARINE RESERVE IMPACTS



KILLER WHALE POPULATION IN DECLINE



GEOMETRY OF MARINE INVERTEBRATES

Who: Oregon middle- and high-school level math and science teachers.

What: Teacher-scientist teams co-create integrated math and science units that address coastal ecology, ocean literacy, and career-connected learning.

Teacher participants
receive a **\$1500**
stipend upon
completion
(July 2021)

When: Three 2-hour webinars in January, followed by monthly online 1-hour check-ins throughout the spring. Teachers determine when to implement their lessons with their students this spring.

Why: To build community between teachers and researchers, use marine science to address NGSS and Common Core standards, and increase student interest and awareness of ocean science and marine-related careers.

Apply by Dec 11:

<https://tinyurl.com/ORSEA-teacherapp>



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