



Western Washington University
Western CEDAR

Salish Sea Ecosystem Conference

2020 Salish Sea Ecosystem Conference
(Online)

Apr 21st, 9:00 AM - Apr 22nd, 4:45 PM

Between Two Worlds Indigenous High School Science Program

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BETWEEN TWO WORLDS

INDIGENOUS SCIENCE PROGRAM

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BETWEEN TWO WORLDS

A new program for Tribal HS students to learn environmental stewardship by contextualizing cultural values in contemporary science; fill the need for youth to be able to participate both in and outside of their communities - to be able to walk in both worlds.



GOALS

- Provide experiential learning to students in indigenous science with the option to earn HS credit;
- Foster the next generation of stewards and Tribal science ambassadors; and
- Expose youth to Tribal role models and scientists, and Tribal careers in STEM



METHODOLOGY

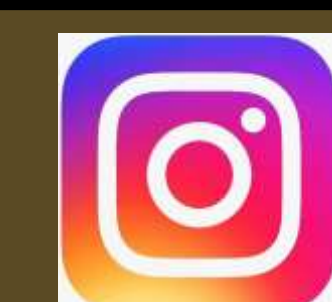
- Hire Tribal members to consult, create, and teach curriculum integrating culture & science
- Partner with Tribal Education Dept and LaConner SD to meet NGSS
- Enlist Tribal scientists to develop curriculum and be guest instructors
- Get students outside doing science in their homelands to develop sense of place and stewardship over land



ANTICIPATED OUTCOMES

- Increased environmental stewardship
- Increased Tribal members hired for higher level positions with the Tribe
- Increase healing & interrupt negative impacts of historical trauma by boosting self-esteem & confidence

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