

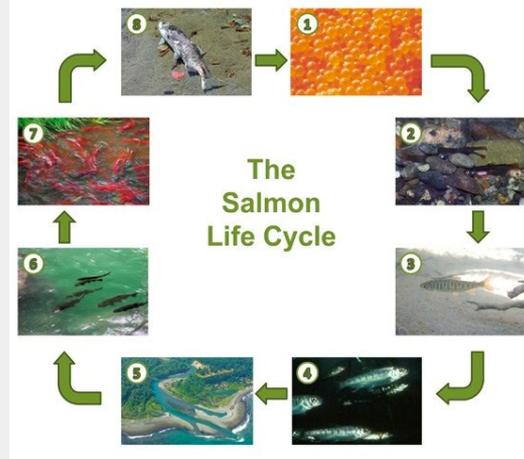
Immersive Culture-Based STEM Education

1. Curate a collection of national and regional STEM resources
2. Share best practices to improve academic success and expand STEM curriculum resources, programs, and partnerships





<https://fws.gov/story/2023-02/experience-remember>



<https://www.nps.gov/olympic/learn/nature/the-salmon-life-cycle.htm>



<https://stemteachingtools.org/brief/11>

"In our elementary grades, we are trying an immersion pilot with the science curriculum.

The science teacher has worked with our culture teachers to connect the science lessons with culturally relevant topics.

Salmon are very important to the Puyallup Tribe and many science lessons are built around the salmon life cycle and the habitat that supports healthy salmon runs." (BIE Educator)



"This program has taught me how cultural and western teaching can benefit the tribal community and help me understand [that] my community needs help".
(Student, Age 13)



1. Consult with BIE and Tribally-Controlled schools that have developed and sustained partnerships with local higher ed and STEM organizations.
2. Create paid professional development for PK12 educators and fully funded apprenticeship programs for students.