

Ocean Sense Program

Loxiwey (Clam Gardens) Module Overview

Through knowledge sharing lessons and activities, students will have the opportunity to see how loxiwey, or clam gardens, change the shape of the coast and demonstrate complex understandings of scientific concepts, including tides.



Suggested sequence:

Lesson 45min (inclusive of activity)
What are Clam Gardens?



Activity
Cookie “Clam” Digging

Lesson 45min
Model a Clam Garden



Worksheet
Exploring the Tides

This module includes:



slide deck



place-based
photos



worksheet



data dashboard



quotes from
knowledge holders

Downloadable resource packs:

- Lesson: **What are Clam Gardens?**
(includes a PDF for the lesson and the activity “Cookie ‘Clam’ Digging”)



slide deck



quotes from
knowledge holders



place-based
photos

- Lesson: **Model a Clam Garden**
(includes a PDF for the lesson and the worksheet “Exploring the Tides”)



slide deck



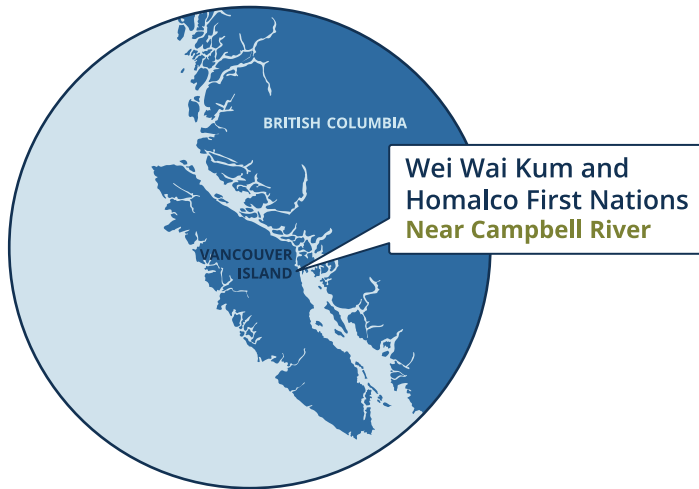
quotes from
knowledge holders



worksheet



data dashboard



Notes on language

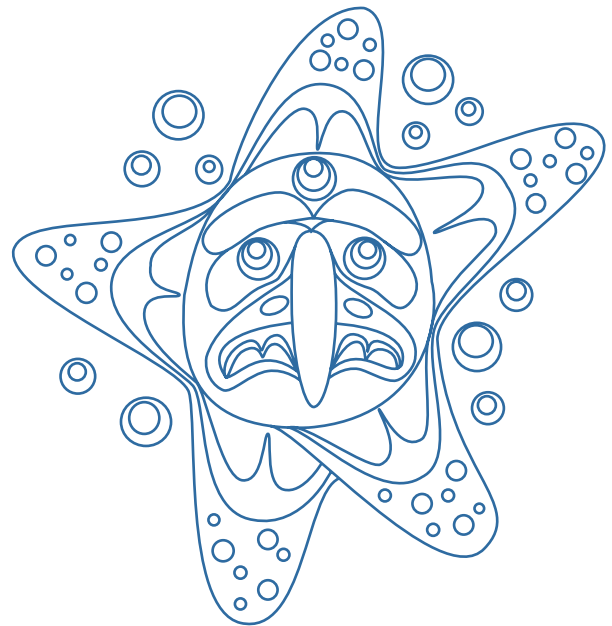
Wei Wai Kum First Nation is a part of the Liḡwítḡax^w (also spelled Laich-kwil-tach) group of tribes. The Liḡwítḡax^w are the southernmost group of the Kwakwaka'wakw (pronounced Kwak-wak-ya-wak) and speak the Liq'wala dialect of the Kwakwala language.

X^womaḡk^wu (also spelled Homalco) First Nation is a Northern Coast Salish Nation and speak ayḡaḡuḡem of the Salishan language family.

Community partners

The traditional knowledge in this module comes from the Wei Wai Kum First Nation and the X^womaḡk^wu (also spelled Homalco) First Nation near Campbell River, BC.

Collaboration and partnership with the following organizations and individuals made this module a reality: A-Tlegay Fisheries Society, Dee Cullon, Shirley Johnson, the late Curtis Wilson (Wei Wai Kum First Nation), Chief Darren Blaney (Homalco First Nation), James Quatell (Wei Wai Kum First Nation), Nicole Smith, Gillian Kirke, and the Campbell River Museum.



gḡadzak (sea star)

Curtis Wilson, Wei Wai Kum First Nation



ku'mis (crab)

Curtis Wilson, Wei Wai Kum First Nation