

Ocean Sense Program

Waves of Knowledge Module Overview

Earthquakes and tsunamis can be examined through a combination of Indigenous knowledge and scientific monitoring data. Listening to Nuu-chah-nulth knowledge holders provides key information about how people know about and respond to earthquakes and tsunamis.

*The spelling of the Nations can be either Nuučaañuł or Nuu-chah-nulth



Suggested sequence:

Lesson 1: 60min
(inclusive of activity)
What Others Know



Activity 1:
Gallery Walk

Lesson 2: 60min
(inclusive of activity)
Science of Waves



Activity 2:
Two Wave Machines

Lesson 3: 60min
(inclusive of activity)
Earthquake Data



Worksheet
**Earthquake Data
Dashboard Exploration**

This module includes:



slide deck



artwork



oral histories with
knowledge holders



worksheet



data dashboard



hands-on activity

Downloadable resource packs:

- Lesson 1: **What Others Know**
(includes the PDF for the lesson and the activity *Gallery Walk*)



slide deck



oral histories with
knowledge holders



artwork

Downloadable resource packs:

- Lesson 2: **Science of Waves**
(includes the PDF for the lesson and the activity *Two Wave Machines*)



slide deck



oral histories with
knowledge holders



hands-on activity

- Lesson 3: **Earthquake Data**

(includes the PDF for the lesson and the worksheet *Earthquake Data Dashboard Exploration*)



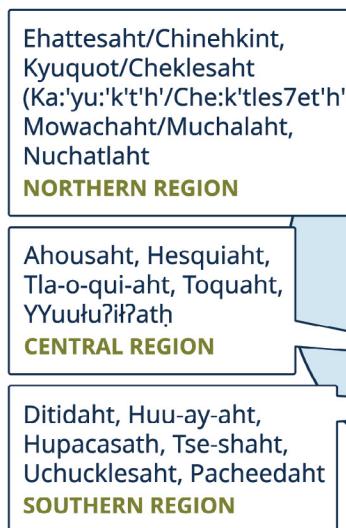
slide deck



worksheet



data dashboard



Community partners

The Indigenous knowledge in this module comes from members of the Nuu-chah-nulth First Nations on western Vancouver Island, BC.

Collaboration with the following organizations and individuals made this module a reality: Uu-a-thluk (Taking care of) Fisheries, Darrell Ross Sr. (Tseshaht First Nation), Cliff Atleo Sr. (Ahousaht First Nation), and Tom Happynook Sr. (Huu-ay-aht First Nations).