

Traditional Ecological Knowledge Lessons Files List

Below is a list of all documents for the series of TEK lessons.

General Documents

"New to TEK Teacher's Guide"

This document details aspects of Traditional Ecological Knowledge (TEK) and Yurok culture. We strongly recommend reading through this document prior to teaching the TEK lessons.

"Do's and Don'ts for Teaching TEK"

A guide to teaching about TEK and Indigenous culture.

"TEK Lessons File List"

This document, which contains a list of all files.

Lesson 1

"Lesson 1 Teacher's Guide, How Do You Acquire Knowledge?"

Lesson 1 is a classroom discussion. This is the teacher's guide for that discussion.

Lesson 2

"Lesson 2 Teacher's Guide, Animals Important to Yurok TEK"

Lesson 2 contains an informational reading on TEK for students, an activity where students reflect on their relationship with the environment, and an Indigenous lands activity. This teacher's guide addresses these activities.

"TEK Informational Reading"

An informational reading for students on TEK.

"Guided Notes for TEK Informational Reading - Student Sheet"

A sheet to support note-taking as students read "TEK Informational Reading."

"Your Relationship to the Environment - Student Sheet"

A student sheet to support the activity where students consider what it means to have a relationship with the environment.

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Lesson 2 (cont)

"Indigenous Land Activity Student Sheet"

A student sheet to support the activity where the class explores which Indigenous tribes have current or ancestral land in different places throughout the country.

Lesson 3

"Lesson 3 Teacher's Guide, Animals Important to Yurok TEK"

In lesson 3 students learn about Yurok culture and animals important to Yurok TEK.

"Animal Readings - [animal name]"

These are student informational readings that have a section on Yurok culture and then each detail an animal important to Yurok TEK. There are FOUR readings: 1. Brush Rabbit; 2. North American Porcupine; 3. Northern River Otter; 4. Roosevelt Elk. The section on Yurok culture is the same for each reading.

"Guided Notes for Animal Readings - Student Sheet"

A sheet to support note-taking as students read their informational "Animal Readings."

"Printable Animal Cards"

Cards with facts about each animal and original Illustrations from Melitta Jackson. See the Teacher's Guide for how to use them.

Lesson 4

"Lesson 4 Teacher's Guide, Meet a Scientist: Dr. Seafha Ramos"

In this lesson student's learn about Dr. Seafha Ramos and her work.

"Short Video - Dr. Ramos Says Hello"

An 11-second video where Dr. Seafha Ramos introduces herself to students.

"Presentation, Introduction to Dr. Seafha Ramos"

A presentation in pdf format that introduces students to Dr. Seafha Ramos and her work.

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Lesson 4 (cont)

"Informational Reading, Meet a Scientist Dr. Seafha Ramos"

An informational reading about Dr. Ramos and her work.

"Guided Notes for Reading, Meet a Scientist Dr. Seafha Ramos"

A sheet to support note-taking as students read their "Meet a Scientist: Dr. Seafha Ramos"

"Printable - Dr. Seafha Ramos STEM Trading Card"

A fun extra. Print and share Dr. Seafha Ramos' STEM Trading Card from Science Delivered. You can print one-sided or two-sided cards.

Lesson 5

"Lesson 5: Mammal Survey, General Teacher's Guide"

This document contains the overall instructions and background for the activity for the teacher.

"Mammal Survey Introduction- Tracks and Scat Exploration"

A pdf presentation aimed to introduce the activity to students, show real locations, and promote discussion in the class.

"Printable Tracks and Scat" (and associated Teacher's Guide)

This pdf contains tracks and scat of all four animals. Print and, ideally, laminate these and place one per station. There is a separate teacher's guide for this document with guidance on measuring tracks.

"Printable Animal Information Sheet for Stations"

This document contains information about the tracks and scat of the four animals featured in this lesson. Students must reference this information to determine which animal's tracks and scat they are looking at at each station. Place 1-2 copies of this document per station.

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Lesson 5 (cont)

“Printable Student Data Collection Packet” (and associated Teacher's Guide)

A packet for students to record their data. Although students work in a group and should have the same data, each student should record their own data individually. Note that each packet has 7 pages. There is a separate teacher’s guide for this document.

(Optional) “Printable Mammal Sightings Sheet”

These sheets have pictures of animals and can be placed at stations (except station B). Students “visually spot” this animal (vs. identify the animal from its tracks) and record their sighting on their data sheet. The idea is that on a mammal survey you can use a variety of methods to determine if an animal has been in the area, and also to show students there are different species of wildlife in each area. These sheets are fun to use but can be skipped to simplify the activity.

(Optional) “Printable Station Signs”

These are station signs that can be printed and placed at stations! They include a picture from the actual area, and the area name in English and the Yurok language.

(Optional) “Printable Yurok Ancestral Territory Map”

This map shows the real life locations that correspond to each station. Print one/station, or place the map on the document camera while students work.

"Lesson 5 File List"

A list of all files for Lesson 5.

VIRTUAL Lesson 5

“VIRTUAL Lesson 5 General Teacher's Guide Mammal Survey”

This document contains the overall instructions and background for the activity for the teacher.

“Mammal Survey Introduction- Tracks and Scat Exploration”

A pdf presentation aimed to introduce the activity to students, show real locations, and promote discussion in the class.

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VIRTUAL Lesson 5 (cont)

"Tracks for VIRTUAL Learning"

This pdf contains images of the tracks and scat with rulers laid over them so students can read measurements virtually.

"VIRTUAL Lesson 5 General Teacher's Guide Mammal Survey"

This document contains the overall instructions and background for the activity for the teacher.

"Mammal Survey Introduction- Tracks and Scat Exploration"

A pdf presentation aimed to introduce the activity to students, show real locations, and promote discussion in the class.

"Tracks for VIRTUAL Learning"

This pdf contains images of the tracks and scat with rulers laid over them so students can read measurements virtually.

"Animal Information Sheet for Stations"

This document contains information about the tracks and scat of the four animals featured in this lesson. Students must reference this information to determine which animal's tracks and scat they are looking at at each "station."

"Student Data Collection Packet" (and associated Teacher's Guide)

A packet for students to record their data. Although students work in a group and should have the same data, each student should record their own data individually. Note that each packet has 7 pages. There is a separate teacher's guide for this document.

(Optional) "Yurok Ancestral Territory Map"

This map shows the real life locations that correspond to each station. Show students the map to give them a sense of where the virtual stations are located.

"VIRTUAL Lesson 5 File List"

This document. A list of all files for VIRTUAL Lesson 5.