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

Overview

Students view a short presentation with a small amount of information about Dr. Seafha Ramos, a Yurok wildlife ecologist. Students then brainstorm questions they'd like to ask her and do an informational reading on her and her work.

Advance Preparation

- Download "Dr. Seafha Ramos Intro" Presentation and "Dr. Ramos says Hello" video
- Download and print the reading "Meet a Scientist: Dr. Seafha Ramos" (1/student)
- (Optional) Download and print "Note-Taking Worksheet"

Instructions

1. Show students a video of Dr. Ramos saying hello (0:11) and the short presentation titled "Dr. Seafha Ramos Intro."

2. Have students imagine they are going to interview her for a class project. (Or students could imagine they are newcast interviewers!) What questions do they have? Have students write down and share 3-5 questions.

Questions can be more general like "What does a wildlife ecologist do?" or "Does Dr. Ramos like being a scientist?" or more specifically "What animals has Dr. Ramos studied?" Please prepare student expectations by letting them know that most likely, not all of their questions will be answered. But some or many questions will be answered!

3. Break students into groups or discuss the questions students have as a class.

4. Have students read and, if desired, take notes with the Note-Taking Worksheet on the reading "Meet a Scientist: Dr Seafha Ramos."

5. Have students break into groups or discuss as a class what they learned about Dr. Seafha Ramos, if their questions were answered, and if they have any new questions. You might choose to include more information about Dr. Ramos online; links to more information about her can be found at STEMTradingCards.org under "Series One" or at the url: https://www.stemtradingcards.org/dr-seafha-ramos.

© 2020 Lessons may be shared with attribution and without alteration

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

Note

Note that in Lesson 5, students imagine being field assistants to Dr. Ramos by conducting a mammal survey to help with her research!

STEM Trading Cards

Science Delivered has provided a printable pdf with Dr. Seafha Ramos' STEM Trading Card found on our TEK lesson page. You might choose to print these (we recommend card stock) and give them to students as a keepsake. Dr. Ramos is also featured on a 8.5 x 11 free downloadable mini-poster at the url https://www.stemtradingcards.org/miniposters.

© 2020 Lessons may be shared with attribution and without alteration