Welcome to Family Maker Night!

We will start at 5:30pm with our first presentation.

Please open the HCOE Family Maker Night Website for information on tonight’s meeting while you wait.

https://hcoe.org/family-maker-night/

Get your Zoom Room set up.

Set up your view (top right corner). We recommend “Side-by-Side Speaker view”

Your mic will remain muted and please keep your camera off - direct questions to the chat

Configure su salón de Zoom. Elija su "Canal" de interpretación: inglés o español (el "icono del mundo" en la parte inferior)

Configure su vista (esquina superior derecha). Recomiendo "vista de orador" Tu micrófono permanecerá silenciado y mantén la cámara apagada.
Land Acknowledgement

Pathmakers serves students in the unceded territories of the Yurok, Hupa, Karuk, and Wiyot Nations. Blue Lake Rancheria is within traditional Wiyot land. I am presenting from Jaroujiji (Eureka), which is also on traditional Wiyot Land. We at Pathmakers believe that land acknowledgments without action are merely performative, so we will provide you all with webpages and social media pages to follow.
Tonight’s Presentation Schedule:

5:15 – 5:30 | Login and Get Comfortable

5:30 – 6:00 | What is Traditional Ecological Knowledge (TEK)? – hosted by Merry Kate Lowry

6:00 – 6:30 | MakeSpace Activity
hosted by Elizabeth Warren, Toddy Thomas Excel
Meet the Pathmakers Team

Marlee Chavez

Kate Lowry
Presentation 1: What is Traditional Ecological Knowledge?

Hosted by Merry Kate Lowry: Pathmakers Lead Teacher + Curriculum Coach for Blue Lake Rancheria Tribe

mlowry@bluelakerancheria-nsn.gov
NATIVE S.T.E.A.M.
SCIENCE
TRADITIONAL ECOLOGICAL KNOWLEDGE IS...
Traditional Ecological Knowledge & Place-based Learning Communities,

Humboldt State University
Hoore’mos

Animals

TEK
Check your Family Maker Night supply bag for a special edition of these STEM Trading Cards.

We will be sharing more STEM Trading Cards as the year goes on, so make sure you pre-register for our FMN events!
A special message from Dr. Seafa Ramos:
...that relate to the natural world
Dos and Don'ts for Teaching TEK

Below is a list of guidelines to be used when teaching the Traditional Ecological Knowledge lessons, or about other aspects of Indigenous history and culture.

- **DO** respect Indigenous science and customs as equal to Western science and customs.

- **DO** realize that while there is no one agreed-upon term, we recommend using “Indigenous,” “Native,” “Native American,” or “Native peoples,” or use the tribe or nation name (here, Yurok Tribe).

- **Do NOT** (generally) use “Indian.” While some Indigenous people prefer this term, it is often considered offensive.

- **DO** talk about Indigenous people in present tense, in this and other lessons (unless you are referring to historic events).
• DO assume Indigenous students are in your class and teach accordingly.*

• DO NOT single out Indigenous students, put them on the spot, or ask them to educate you or their peers.

• DO leave space for Indigenous students to express their views and experiences if they volunteer them.

• DO realize that, as with all communities, people in Indigenous communities have a variety of views. Indigenous students in your class may or may not connect with TEK, or other cultural elements described here.

• DO ensure students are treated with respect regardless of their knowledge of views on concepts being discussed here.

*You may be in an area with high or low numbers of Indigenous students. However, even if you believe your classroom to not have Indigenous students, consider that you might not know the cultural and ethnic backgrounds of all your students. It can feel uncomfortable to have people discussing your culture or a culture with similarities to yours if not done respectfully.
Big Questions:

Who are some of our animals?

What is our responsibility to them?
Turn up the volume to hear their chirps and buzzes!
Mey-weehl

Elk
Meweehl • Roosevelt Elk

About the Elk
- Nocturnal, also active at dusk and dawn, and can make daytime appearances
- Consumer
- Travels in herds

Habitat
- Prairies
- Forested regions

Diet
- Grasses
- Herbs
- Woody plants

Meweehl ‘we-skoy mehl hohkue’ kue muenchoh
The ceremonial dress is made with elk hide
Elk

4 3/4” L x 3” W

Trail width: 8”
Stride length: 26”-28”

Trail Pattern
Presentation 2: MakerSpace Activity

Hosted by Elizabeth E. Warren: Lead Teacher with Excel Program @ Toddy Thomas Middle School

Feel free to come back to this slide when you have gathered your materials to make this fun activity!
Thank You to our Presenters!

and Thank You ALL for attending this presentation!

You will be emailed a request to complete an evaluation of the event.
We hope you take the time to complete the evaluation,
as it really improves our system.

Recordings of tonight’s presentation will soon be uploaded to the Pathmakers Pages on the BLR and HCOE websites, please share!