



Teacher Newsletter - April 7, 2022

Challenge Information

Concept Maps

If your students completed paper concept maps, please use one or both of the prepaid envelopes located in your materials box and send them our way. *If we receive the concept maps by May 4th, you will receive \$100 as part of the Challenge Incentive.*

A note about concept maps: We aren't expecting any particular kinds of responses from students nor for teachers to push for any particular outcome. Whatever the students create is great for us to learn from. We don't want any teachers or students to worry or feel stress that we are expecting any particular level of understanding.

MS and HS Teachers – Please upload your *human concept map photos* to this Google Form: [Click Here.](#)

Google Drive Folder for Challenge Resources

A Challenge Resources folder is located on Google Drive: [Click Here.](#) This folder includes recordings of the teacher PD sessions, activity outlines, student handouts, a place to upload Final Showcase videos, Final Showcase schedules, and more!

Zooming with OSU Students

OSU students can Zoom for 15 minutes with Clubs during the next two weeks of the Challenge! Becca sent out an email with potential dates/times for each Club.

Jay's Office Hours

Have questions about the Challenge? Jay will have his Zoom room open on Mondays from 1 to 3 pm (PST) and Fridays from 3 to 5 pm (PST), April 4 – 22. [Click Here for Jay's Zoom.](#) Password: SMILE

Challenge Incentive – *You can earn up to \$300 for completing this year's Challenge! Please submit the products below by May 4, to qualify.*

- **\$100** - Complete and submit students' paper concept maps.
- **\$100** - Log at least two Challenge activities in Ideal-Logic.
- **\$100** - Participate in the Final Showcase and share your students' finished products.



2022 SMILE Scholarship



SMILE High School Teachers –

Through the support of generous donors, the SMILE Program is pleased to be able to offer SMILE Club participants who will be attending OSU the opportunity to receive a SMILE Scholarship.

SMILE Scholarships are open to current SMILE Club participants who are accepted to Oregon State University and will attend OSU as an undergraduate student Fall Term 2022, which begins in late September. Minimum scholarship is \$1,000. Deadline to apply is Friday, June 17, 2022. Funds will be awarded Fall Term 2022.

Details about the application process will be included in next week's SMILE Newsletter.

Contact us if you have any questions:

SMILEprogram@oregonstate.edu



Oregon State
University

Spring Teacher Workshop

May 6 and 7, at Oregon State University - During the Spring Teacher Workshop you will get a chance to reflect on the past year in SMILE, help shape content for the next school year, engage in activities and tours that focus on your lifelong learning, and share your favorite lessons with the SMILE teacher community. This is a workshop you definitely do not want to miss! Looking forward to seeing you all in May!

Leadership and Service Award -

We are accepting nominations for the 2022 SMILE Leadership and Service Award. Nominations can be made by completing this Google Form: [Click Here](#). The teacher who receives the award will receive \$300.

Nominations are due on Friday April 15, 2022.

Teacher Share Fair -

During the Spring 2022 workshop we are bringing back the very popular and extremely fun teacher share fair! **Please fill out the following [google form](#) by April 29**, to tell us what you plan to share, with who, and what resources you will need from the SMILE office.

Time	Friday May 6th 2022	Time	Saturday May 7th 2022
8:00	Registration, Teacher meet and greet—OSU Alumni Center Rm 115	8:15	Coffee and Snacks—Alumni Center, Room 115
8:30	SMILE Welcome	8:30	Rotating sessions by level
9:00	Trauma-Informed Educator Toolkit	12:00	Closing Session
10:10	SMILE Year Reflections		
12:20	Lunch		
1:30	SMILE Tours and Activities		
5:00	Transport back to hotel		
6:30	Dinner—Alumni Center, Room 115		
7:15	SMILE Awards		
7:45	SMILE Share Fair		
8:45	Transport back to hotel		



Session Preview: Campus field trip to Forestry Building

Join the LaCuKnoS Team for a tour the new forestry building, to learn about cross-laminated wood production, and to preview a new forestry model lesson that will be shared at the August workshop

We will tour OSU's George W. Peavy Forest Science Center with particular attention to how sustainably managed forests can be used to create beautiful buildings out of wood and establish a connection with the outdoor landscape. We will learn about new building techniques and preview a new forestry activity we will complete for the August teacher workshop.

Workshop Session Preview Continued

Lunch Keynote: Building intersectional safe spaces through ENLACE and the 4-H Outreach Leadership Institute

Presenters:

Jonathan Garcia, ENLACE Program Director, College of Public Health and Human Sciences

Nancy Vargas, ENLACE Program Coordinator, College of Public Health and Human Sciences

Mario Magaña Álvarez, Oregon 4-H State Outreach Specialist, ENLACE Collaborator

Title: Building intersectional safe spaces through ENLACE and the 4-H Outreach Leadership Institute.

In this session, presenters will discuss the need for spaces that celebrate the assets of youth who experience multiple forms of social marginalization and describe the experiences of LGBTQIA2S+ and Latinx youth in Oregon who trained allies through the ENLACE program and in the Outreach Leadership Institute. Presenters will share telenovela (soap opera) inspired videos created by youth for youth, as well as offer future opportunities for youth engagement including upcoming conferences for skill building and community service, institutes, summer camps planned for 2022, and support for FAFSA and scholarship applications.

Integrating Trauma-Informed Practices with Students

Presenter:

Yasmeen Hossain, Oregon Natural Resources Education Program Coordinator

Title: Integrating Trauma-Informed Practices with Students

This session will provide a brief introduction to what trauma is, how it might show up, and what a trauma-informed approach to education looks like. We will have an opportunity to learn about applying trauma-informed strategies and tools. We encourage you to review the newly published [Trauma-Informed Toolkit – A Resource for Educators](#) prior to this session if you can and come with lots of questions.

Stay Tuned for More Spring Teacher Workshop Session Previews!

Willamette Valley
Expanding Your Horizons (EYH)
a middle school STEM conference
Saturday May 14, 2022 9:00 am – 2:00 pm
a live event hosted at
Oregon State University – Corvallis campus

This **FREE** conference was designed to encourage girls in 6th through 8th grades to have fun experiences in science, technology, engineering, and math (STEM) while learning about exciting careers. The conference will be full of fun hands-on activities led by women in STEM jobs fields. Coordinators will work to match participants with the workshops that interest them. **Workshop topics include:**

- Wearable Electronics 101
- The Science of Jewelry Making
- Control a Laser with a Jello Wave Guide!
- Radioactive Decay A Day in the Life of a Veterinarian
- Become a Wood Scientist: Exploring an Amazing Material
- Toxic or Non-toxic?
- Exploring Enzymes with Catalase
- Creating Your Own Beautiful 3D Designs!



**Lunch
Provided!**

Expanding Your Horizons (EYH) was founded in 1974 as the Math/Science Network by a group of women scientists and educators who were concerned about low female participation in math courses. The EYH Network, powered by Techbridge Girls, now supports ~100 conferences annually. EYHN is rewriting the narrative for girls in STEM and works to create a community in which girls are empowered and get excited about the possibilities that STEM can offer.

To register, scan:



Oregon State University
Precollege Programs

or visit: https://apps.ideal-logic.com/osupcp?key=SNYB-232YK_K9KH-5PTF_353bb3574cbc

Upcoming RET opportunity Summer 2022!

Apply in March and April. Positions will be decided in May. To apply, email: lindsay.millward@oregonstate.edu

FIELD RESEARCH DIRECT TO YOUR CLASSROOM



1 FUNDED POSITION WITH TRAVEL SUPPORT AND STIPEND



JOIN US IN THE MOJAVE DESERT AND AT OSU



HELP US DESIGN CURRICULUM TO BE TESTED BY THE SMILE NETWORK

We are excited to announce a 6 – 8 week NSF Research Experience for Teachers (RET) opportunity. Teachers will work with a disease ecology research team at Oregon State University who study desert bighorn sheep in the Mojave desert of southern California. We plan to assist teachers in translating their RET experience into STEM education curricula and activities.

For more information please contact...

Lindsay Millward (lindsay.millward@oregonstate.edu) and Dr. Brianna Beechler (breebeechler@gmail.com)

No prior scientific research experience is necessary. Minorities and people from underrepresented groups are especially encouraged to apply.

Challenge Resources to Check-Out

If your Club is interested in learning more about food safety in the wake of natural disasters, check out these handy websites:

- [CDC: Keep Food Safe After a Disaster or Emergency](#)
- [How Natural Disasters Can Impact Food Quality](#)
- [USDA: A Consumer's Guide to Food Safety: Severe Storms and Hurricanes](#)
- [FAQ: Food Safety in Natural Disasters](#)



Accessible version: <https://www.cdc.gov/foodsafety/food-safety-during-a-power-outage.html>

Eat Safe Food after a Power Outage

Refrigerated or frozen foods may not be safe to eat after the loss of power. Find out what you can do to keep food safe during a power outage, and when you need to throw away food that could make you sick.

Before

Keep appliance thermometers in your refrigerator and freezer.
The refrigerator should be at 40°F or below.
The freezer should be at 0°F or below.

Prepare for emergencies or natural disasters

- Freeze containers of water and gel packs to help keep your food at 40°F or below.
- Have a cooler handy.
- Buy dry ice or block ice to keep food cold in the refrigerator if the power might be out for a long time.

During

KEEP Refrigerator & Freezer Doors CLOSED

- 4 Hours in a Refrigerator
- 48 Hours in a FULL Freezer
- 24 Hours in a HALF-FULL Freezer

After 4 hours without power, put refrigerated perishable foods in a cooler. Add ice or another cold source to keep them at 40°F or below.

After

Never taste food to determine if it is safe to eat. When in doubt, throw it out.

- Throw out perishable food in your refrigerator (meat, fish, cut fruits and vegetables, eggs, milk, and leftovers) after 4 hours without power or a cold source.
- Throw out any food with an unusual odor, color, or texture.
- Check temperatures of food kept in coolers or your refrigerator with a cold source. Throw out food above 40°F.
- If you have an appliance thermometer in your freezer, check to see if it is still at 40°F or below.
- You can safely refreeze or cook thawed frozen food that still contains ice crystals or is at 40°F or below.

 www.cdc.gov/foodsafety