

## Announcements

Happy Thursday! Whether your students started back yesterday or a few weeks ago, we're sure you're feeling exhausted and happy. Kick back and connect with the SMILE community for a minute by reading this week's newsletter.

Here's a preview of what to find:

- ★ Family Math & Science Night Hype
- ★ Opportunities:
  - Coastal Citizen Science workshop (paid!)
  - Virtual Antiracist Teaching Conference
- ★ Science News with LaCuKnoS
- ★ "Dear SMILE..."

In a hurry? **Action items are highlighted.**

## 2021-22 School-Year Calendar

### SMILE Housekeeping Checklist

- ❑ **August/September 2021** Clubs begin meeting. When you know your meeting schedule, please fill out this [SMILE setup info google form](#).
- ❑ **November 5, 2021** Club applications materials due. Membership applications and a teacher help guide can be found on the [Program Forms section of the website](#).
- ❑ **October/November 2021** Family Math & Science Nights. Already know the details? Fill out this [FM&SN info google form](#) so we can plan to be there!

### Recruitment Resources

- What are SMILE clubs? [Link to YouTube recruitment video](#)
- [Google slide flyer template](#) (easy to edit!)

## LET'S GET FAMILY MATH & SCIENCE NIGHT ON THE CALENDAR!



**Family Math & Science Night is an open house-style event organized by SMILE club members for their families and the broader community.** These events are held in the Fall.

Older clubs members, their SMILE club teachers, and community partners, such as 4-H, organize hands-on STEM activities and informational displays relating to college readiness. For parents and guardians it's a time to learn about the club their child has joined, and for the older students, it's a time to exhibit leadership in the program.

These community nights are often a highlight of the year, and we want to make sure we can be there! **Please let us know as soon as you have a date.**

**SCHOOL NAME** SMILE CLUB  
Proudly Presents

**FAMILY MATH AND SCIENCE NIGHT**




- Hands on experiments for the whole family
- Be dazzled by spectacular demonstrations
- Grab a quick snack and participate in a make and take

WHERE: School name and address

WHEN: Time and room location

FOR MORE INFORMATION CONTACT NAME AT PHONE NUMBER/EMAIL

SMILE  
Science & Math Investigative Learning Experiences



Want to hype the event with a flyer? [Click for an editable google slide](#) (just make a copy and change the details).

Got something awesome going on in the classroom? Email photos, stories, or resources you can share to [SMILEprogram@oregonstate.edu](mailto:SMILEprogram@oregonstate.edu) to be included in an upcoming newsletter!

## Opportunities



### Bringing Citizen Science to the Coastal Classroom: a workshop hosted by the Coastal Almanac Project

When: Saturday September 25-26, 2021

Session 1: 9/25 from 10am-1pm PT

Session 2a: 9/25 from 2pm-4pm PT

Session 2b: 9/26 from 10am-12pm PT

Where: Zoom (link provided upon registration)

Join the [Coastal Almanac for a weekend course](#) introducing teachers to a range of coastal citizen science projects that are actively gathering data. In breakout sessions (Session 2a or 2b) teachers are invited to work side-by-side with project managers and scientists to co-create the integration of citizen science into their classroom. Intended Audience: Upper elementary, middle and high school instructors. Honorarium for all educators, depending on hourly commitment (**\$300-\$500**)

Contact COASST Science Coordinator Jackie Lindsey at [coasst@uw.edu](mailto:coasst@uw.edu) with any questions.

[Priority registration](#) by September 10th, though sign ups will continue through September 24th.

## Conference for Antiracist Teaching, Language, and Assessment

An opportunity for instructors across a variety of disciplines to meet, share ideas, and build antiracist approaches to teaching and learning.

The OSU School of Writing, Literature and Film is offering a **Conference for Antiracist Teaching, Language, and Assessment** on **September 17 and 24**, and **October 1** from 11 a.m. to 2:15 p.m. PST each day. The fantastic group of speakers will share their expertise on anti-racist teaching and learning. Some key takeaways you can look forward to learning about at this event are:

- How to focus on the rhetoric of writing by Black people, Indigenous people and other people of color to combat the centering of “standardized” white English in classrooms
- A heuristic process for investigating Habits of White Language (HOWL) in classrooms with students
- A community of teachers and instructors committed to forwarding antiracism in our work, schools, classrooms, and communities

If you are interested, you can register for the **FREE Zoom Conference** at <https://www.atlaconf.com/>.

### Keynote Speakers:



**Vershawn  
Ashanti  
Young +**



**Ana Milena  
Ribero +**



**Alexandria  
Lockett +**



**Victor  
Villanueva +**



**Asao B.  
Inoue +**

## Weekly Science News

Need inspiration for a warm-up activity? Try using **LaCuKnoS** as a format to discuss science in the news today.

ScienceNewsforStudents

[Click for article link](#)

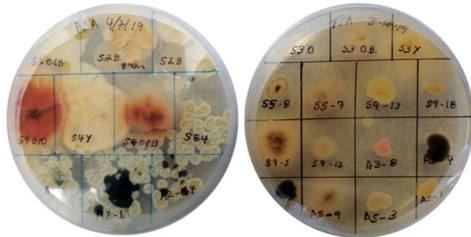
### Wildfire smoke seeds the air with potentially dangerous microbes

Researchers now worry about what health risks these living microbes pose



Smoke billows from the Apple Fire in Cherry Valley, Calif., on August 1, 2020. Such wildfires can shoot flames, smoke — and microbes — high into the air. Scientists are now trying to measure how much such fires contribute to the spreading of infectious disease.

DAVID MCNEW/GETTY IMAGES



These petri dishes show bacterial and fungal colonies that grew after five minutes of exposure to smoke. The smoke came from Florida pines that were burned in Kobziar's Idaho lab.

## L<sup>o</sup>nguage

What is the new field of “**pyroaerobiology**”?  
How do scientists build new words?

How should people in the “line of fire” be compensated for the health risks?



## K<sup>o</sup>nowledge

What do you know about the effects of forest fires on Oregon communities?

Would it be possible to test this phenomenon in our school lab? How?

## S<sup>o</sup>cience

Dear **SMILE** teachers...

Last week's question:  
**“What's your favorite icebreaker for the beginning of the year?”**

*What YouTube video is guaranteed to catch your student's attention?*

“We play a game called “Real Science vs. Fake News” where students try to guess if the story is true or false from the headlines. Then groups choose an article to read and share out!”

“Students are in groups and a word is given to the class. Students have to add another word before or after the word that is given that they believe is going to be the 'trendiest' (ex. word given is love. Students may come up with "true love" or "love hurts"). These get put into Google Trends and whichever group has the trendiest phrase will get the point.”

Help a beaver out!



Email [SMILEprogram@oregonstate.edu](mailto:SMILEprogram@oregonstate.edu) to respond to this week's question, and/or submit a question for next week!