



Teacher Newsletter - November 3, 2022

Family Math and Science Nights – Grants Pass and Monroe

Shout out to Grants Pass, the newest community to join SMILE, and marvelous Monroe, for holding awesome events! On October 20, teachers Tim Cook, Mandy Jackson, Lana Rossiter, Alyssa Johnson, Jeret Musser, and Christopher Jelderks, participated in the event at Highland Elementary School. Over 350 people attended! On October 27, teachers Marie-Louise Martinson and Scott Boyer, held their event at Monroe Grade School. At both events, staff from SMILE and our partners had a blast leading several hands-on activities.

Thank You, SMILE Clubs in Grants Pass and Monroe!

Left Photo, Grants Pass: Kids were deep in concentration during this activity.
Right Photo, Monroe: Kids determining tree age using tree cookies.



Next up: Nyssa's FMSN is November 3. Willamina's and Woodburn's will take place on November 8 and 9.

Friendly Reminders

We're here for you! *If you need any support with registration, logging, or have other questions, contact Becca anytime: rebecca.harver@oregonstate.edu*

- **Registering Members** – Applications can be scanned and emailed to [Kami](#) or [Becca](#). They can also be mailed in using the prepaid envelopes from your Summer Teacher Workshop kit. Or you can enter applications yourself by inputting the information into Ideal-Logic. [Click Here to login](#).
- **Logging** – SMILE logs are reviewed regularly to inform curriculum development, track incentives, report to partners, and more! **Please log each club meeting by heading to Ideal-Logic.** *Note: students must be registered to appear in your club log.*
- **Fall Check-ins** – For those we aren't seeing in-person at Family Math and Science Nights, Becca is currently scheduling 20 min Zoom chats to share updates and answer questions. *Check-ins can be done in groups, partners, or as single teachers.*

Upcoming Events Save the Date!



- ❖ **November 22 – 25 (for most districts)** – Thanksgiving Break
- ❖ **Week of November 28** – Elementary SMILE teachers receive Virtual Family Math and Science Night materials at their school.
- ❖ **Tuesday, December 6, from 5 to 6 pm (PT)/ 6 to 7 pm (MT)** – Teacher PD for Virtual Family Math and Science Night.
- ❖ **Tuesday, December 13, from 5 to 6:30 pm (PT)/6 to 7:30 pm (MT)** – Virtual Family Math and Science Night – Sensational Sensors.
- ❖ **During the first two weeks of December** – Teachers receive the first round of incentive payments via their BennyBuy Account. [Click Here](#) to view all incentives for the year.

Virtual Family Math and Science Night (VFMSN)

Designed for elementary aged students, but all are welcome to join!

Sensational Sensors

Join us:

**Tuesday, December 13, from 5 to 6:30 PM (PT)
Live on Zoom – hosted by SMILE**

During this live, interactive, virtual event, students will:

- Interact with college students at OSU!
- Engage in several hands-on STEM activities and share their results.
- Learn about how we use our senses to interpret the world around us.
- Learn about sensors we interact with in our daily lives and how they work.



Fast Fact:

In total, a car can have **over 70 sensors** that monitor various aspects of the vehicle.

Event Timeline:

- **After Thanksgiving Break** - Activity Materials will arrive for **ES level clubs**
- **Tuesday, December 6, from 5 to 6 PM (PT)/6 to 7 pm (MT)** – Teacher PD
- **Tuesday, December 13, from 5 to 6:30 PM (PT)/6 to 7:30 pm (MT)** – VFMSN

OSU invents a tiny, cutting-edge sensor –

'Lab on a chip': Scientists invent new and improved tool to measure light.

“The new tool consists of an ultra-tiny spectrometer that fits on a microchip and is operated using artificial intelligence. It now may lead to upgrades in everything from smartphone cameras to environmental monitoring. The new device could fit on the end of a human hair, making it far better than traditional spectrometers that require bulky optical and mechanical components”



An ultra-tiny spectrometer.
Photo by Oregon State University.

[Click Here for the full article](#) from Interesting Engineering

Opportunities

National Science Foundation Webinar

Topic: Live from Antarctica: The Story of Ice
Zoom on November 15 from 1 to 2 pm (PT).

[Click Here](#) to Register



Scholarship for Oregon Students

The Renaissance Scholars Program award is up to \$4,000 per year, renewable for up to four years. There are two scholarship deadlines, February 1st and May 1st.

• [Learn more about The Renaissance Scholars Program](#)

STEM Research Grants provide support to teachers engaging their students in grades 6 – 12 in authentic scientific research. Teachers can apply for up to \$5,000 to purchase specialized equipment or \$1,000 in preselected equipment.

You can learn more about the program and find the link to apply here:

<https://www.societyforscience.org/outreach-and-equity/stem-research-grants/>.

Have questions? Please email Teachers@societyforscience.org



SMILE Program, Oregon State University
18 Gladys Valley Center, Corvallis, Oregon 97331
Phone: 541-737-0534

Email: SMILEprogram@oregonstate.edu
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