



Teacher Newsletter - February 3, 2022

2022 Winter Teacher Workshop Rewind

Thank you to all the SMILE Teachers who were able to join us for the Winter Teacher Workshop! It was wonderful to see you. We hope you'll try out some of the lessons outlined during the workshop in your club. If you were unable to attend or would like to review content, all the resources you need are available on our workshop website:

[Click Here](#) for the 2022 Winter Teacher Workshop Website.

The website includes materials from each session such as: presentations, lesson plans, and videos.

Reminders: Materials kits were mailed to your school on Feb. 2 and should arrive soon. A second box containing prizes was mailed to teachers whose students completed Passports for Family Math and Science Night. Teachers who attended the workshop will receive a payment of \$100 this month.



Dance and Coding Session with Darryl Thomas.
We had a blast voguing!

Club Chat Sign-Up

If you haven't signed up yet, [Click Here](#) to type in your name for a specific date and time. Club Chats are 30 min Zoom meetings with Program Assistant, Becca Harver. Sign up individually or with other teachers in your club. Club chats provide a chance for teachers to ask questions, offer feedback, and hear about the latest SMILE news.

Note: Orange text on the sign-up means those teachers have been contacted to confirm their time.

A Message from LaCuKnoS

Dear SMILE Teachers,

Thanks for your help and support as we work to collect the data we need as part of the LaCuKnoS project.

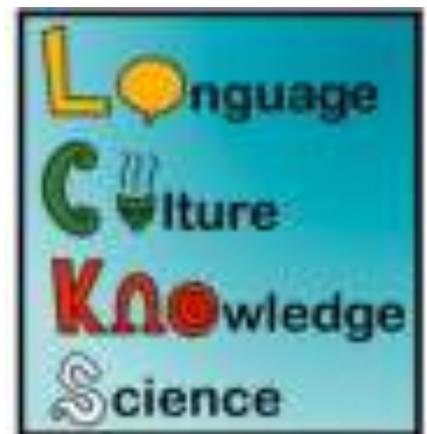
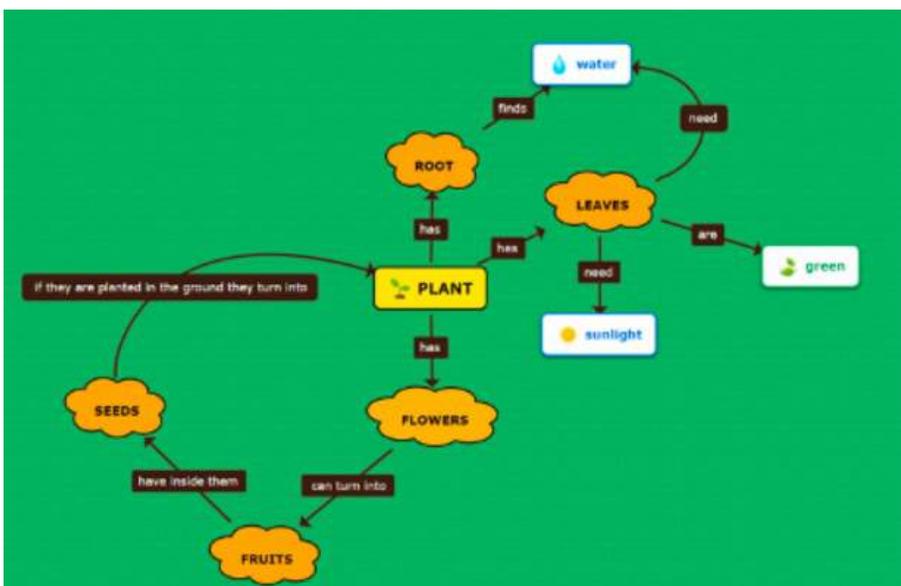
One important source of information we are collecting are concept maps that students make after completing one of the LaCuKnoS activities in your SMILE club or your classroom. A number of the LaCuKnoS model lessons have the concept mapping task included at the end of the lesson.

We are asking you to have your students complete one concept map activity in February, if at all possible, and then return the concept maps back to SMILE. We are sending you a return envelope that you can use to mail the concept maps. If its easier for you to scan them and send them electronically that's fine too.

We offered a virtual PD in January on guiding your students to make concept maps which can be found [here](#) under "Additional Resources," on the SMILE 2022 Winter Teacher Workshop website.

A member of the LaCuKnoS team can also join your club remotely (Zoom) to help guide the students if that would be helpful.

If you have any questions, please contact Cory Buxton at buxtonc@oregonstate.edu or 706-765-8666.



Concept Map from "If I Were a Tree" Activity.

Message from the ME Team

Hello SMILE Teachers!

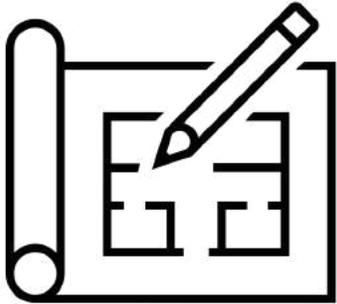
We are this year's SMILE Capstone team from OSU! Recently we sent out materials for an interactive activity that would teach students more about what industrial engineers do. We would like to offer a virtual meeting with teachers and students who are interested to gain feedback on our activity as well as answer questions about industrial engineering. If you are interested, please email us at diectr@oregonstate.edu with the subject line "IE Activity" before February 21st. See you there!

Thanks,

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Trinity Diece: diectr@oregonstate.edu

c: (971)407-7139 - Prefer Text



Student Opportunity - Discovering the Scientist Within

The Discovering the Scientist Within VIRTUAL event will be held Saturday, February 26.

This event is a free half-day workshop designed to encourage young women in 6th- 8th grade to pursue science, technology, engineering and mathematics (STEM) careers. During this workshop students will:

- hear from a woman in STEM keynote speaker
- participate in hands-on activities led by woman working in the field
- have college student mentors to support them and to share their own experiences in STEM
- receive kits with fun activity materials allowing them to participate in a real-time along with their presenters

Please encourage your students to register for this fun and engaging event [here in Ideal-Logic](#).

[Discovering the Scientist Within Website](#)



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.

Activity Spotlight – RCRV: In the Belly of the Whale

Fast Facts – Humpback Whales:

- Humpback whales have 270 – 400 baleen plates as opposed to teeth. The plates are made of keratin, just like our hair and nails!
- Humpback whales feed on small fish, krill, and plankton. They can eat up to 3,000 lbs of food per day. Talk about a seafood buffet!



In the Belly of the Whale

Subject: Marine

Grades: 4 – 8

Description: Take a deep dive into whale biology! Students work in cooperative groups and participate in a hands-on activity that simulates the feeding methods of humpback, right, and gray whales. Students collect data and construct a bar graph to compare the feeding styles of these three baleen whales, and share their findings with the club.

Suggested Materials: Comb. Small sieve. Straws. Small plastic beads, rice, black pepper. Container for water (three stations for each group). Station cards.

Resources: [Click Here](#) for a link to resources including a PowerPoint presentation and lesson plan.



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