

Oregon Coast STEM Hub Leadership Council Meeting

June 15, 2022, 9:00 AM – 11:00 AM

NOTES

[Link to Participant Folder](#)

Attending LC Members (of 16 total): Itchung Cheung* - HMSC, Jesse Kane**-TEP, Larry Boles**-OCCC, Dave Hansen*-OSG, Kristi Foster*-TEP, Jaime Belanger*-SSNERR, Trish Mace*, Sara Roberts**

(* = primary, ** = alternate)

Attending Backbone Staff: Cynthia Reséndiz, Cait Goodwin, Tracy Crews

Attending Other: Rachel Freeman-TEP, Dee Teem-Olalla Center, Karen Gray-LCSD, Deb Mumm-Hill-OregonSTEM

Welcome & Introductions

- Rachel Freeman is TEP's new education specialist, will probably take Jesse's place as Kristi's alternate on LC council.
- Olalla Center in Toledo is having an open house this Saturday.

Approval of Notes from April 2022 meeting

Motion to accept the [notes](#) - Kristi, second - Jaime

LC voted to approve

LC meetings

Next quarterly meeting Sept 20 9-11AM on Zoom (next *in person* meeting can be Spring 2023)

- Reminder: LC 1 hour check ins at 9AM on July 13 and August 17

Director's Report - Cynthia's [presentation](#) (includes hyperlinks)

STEM Hub Network

- Final CIP survey now distributed to OCSH partners; please respond by **June 30**. Use link <https://beav.es/iQC> OCSH will internally review results in July. In September the Hub Directors will review all the results together.
- Oregon STEM, Deb Mumm-Hill strategic planning. Now gathering feedback about the Vision and Strategy maps. Please answer by Sept 20. Use link <https://beav.es/iMZ>
- STEM Ecosystems conference in Michigan June 18-23

OCSH Report

- Bloom Newport event
- Arcoiris Radio featuring STEM education presentations in Spanish, Cinco de Mayo
- Biennium 7/21 to 6/23
 - Backbone \$446K
 - Innovation grants (8) \$344K - we still don't have this money from ODE. In OSU's court now?

INNOVATION GRANTS

1. Early Learning STEAM
 - a. Spring online session for Lincoln County
 - b. Workshop held June 11 in Coos Bay
 - c. Planned: Math and CS workshop in October
2. Computer Science Drive
 - a. LCSD is developing its own CS plan. SCRIPT training planned for this August. This team will develop a CS plan for LCSD. Teachers from other districts can also attend PD.

- b. Planning an e-Textiles workshop in August
 - 3. Career-Connected Learning - OCF grant supports this work as well
 - a. Summer HS internships on the coast begin next week (many partners)
 - b. South Coast Educator Externships in July
 - c. Introduction to DEI presentation for Mentors, recording will be ready soon
 - d. Coming soon: Job shadow program in mental health and health care. Partner with Olalla Center. Other funding from Catalyze Challenge will support 10 internships. OCF "Building Bridges" funding will also support CCL.
 - 4. Industry Connected Classrooms - Oregon Connections
 - a. STEM Week events in May, four OCSH presenters
 - b. OCSH OrC [playlist](#)
 - 5. STEAM School Designation
 - a. Warrenton Middle School
 - b. Newly hired STEAM teacher at Taft in LCSD is already trained in STEAM School and will continue her progress in LCSD
 - 6. Rural STEAM Leadership Network
 - a. Statewide PD led by South Coast educators!
 - b. Facilitator Institutes (in person) in Florence and Gold Beach and also one online
 - c. Yakona Nature Preserve PD Aug 4, for central Lincoln County educators
 - 7. Equity Based Math -inclusive culturally responsive practices in math
 - a. Building JOy and Justice in Math, apply now for a yearlong PD
 - 8. Design Thinking for STEM Equity - more info coming in 2023
- Mathways - funded by ODE but not one of the 8 innovation grants. Our Hub is focused on Financial Algebra. LCSD TOSA will be developing this course to be shared statewide.
 - Cynthia recently met with Kerry Carlin Morgan, Trish Mace, Jaime Belanger, and Charis McG, and Karen Gray. She would like to meet with more partners in person! Cynthia will be visiting Tillamook for Juntos Afueras.

Presentation: Dr. Karen Gray - Lincoln County School District

Kudos to Cynthia for making Karen feel connected to the OCSH.

- As Cynthia mentioned, LCSD is involved in several OCSH projects -
- "It's the first time I've been excited by STEM in my whole life." - K. Gray

Idea: Gather all Oregon Coast superintendents (+ curriculum directors) - She would like to email all the superintendents in person in Newport (hybrid ok) and invite them to a half day gathering, preferably before the rains begin, likely mid-October. Start saving the date in August.

Objective: Connect around STEM, particularly around PS education and CTE. What does the LC think about this idea?

- It would be good if some LC members participate; Lots of interest from participating LC meeting attendees
- Hold it at the TLC in Newport, paid for by LCSD. Start at noon for lunch and then stay in the afternoon. Include something fun as well. Maybe on the Oct teacher inservice day.
- Topics: AVID, math and science curriculum and strategies, STEM equity issues

Quick updates: Trish Mace, Deb Mumm-Hill, Sara Shaw Roberts introduce themselves

Presentation: Deb Mumm-Hill - Oregon STEM (501c3)

"Great to hear CS moving into elementary school. A local white-paper on [Computational Thinking Equity in Elementary Classrooms: What Third Grade students know and can do](#)

Blue-kin = "blueprint/back-of-the-napkin" stage

Listening Sessions -

Hub Directors are leading these so Cynthia could lead this in September at the next LC meeting, or at one of the monthly 1 hour check ins

Would like 45 min to get input from everyone on this call at some point in the future to respond to the following [prompts](#):

- *Vision Map* - what we do and why, common definition for STEM, learners, supporters, pathways, and STEM Hub roles
- *Strategy Map* - how we do it, strategic priorities, 2025 STEM Education Plan, awareness campaign, systems alignment, partnership and integration, measure what matters

See the annotated slides for the Vision Map and Strategy Map [here](#)

Looking for more committed work group partners to engage Sept - Dec for 4-5 hours/month

Karen Gray shared superintendent perspectives and requested better integration of STEM with the math and science standards on which districts are focused

Deb talked about public lands, infrastructure development near EV charging stations, and opportunities for paid internships. 80% of (federal?) public lands employees are eligible to retire next year.

Partnership Plan updates

Delayed - ODE has given us more time. Itchung will work on it with the committee this summer.

Round Robin Sharing from LC Members and attending Partners

- Itchung - summer interns and students at HMSC, new hires, new building, [The Virtual Field](#) marine science education resources for university courses, expanding to MS/HS classrooms.
- Tracy - 150 6th grade Outdoor School last week, final at-sea cruises for HS students, MATE ROV competition (Warrenton HS is heading to the World Competition), starting summer camps soon
- Trish - summer interns and students at OIMB, spring field trips wrapping up, summer programming
- Karen - 44 new K-12 Online Compass School graduates
- Larry - Graduation on Friday and now entering quiet time, seeking to hire Aq Sci instructor, giving tours for camps and schools
- Kristi - New staff (Rachel etc), planning an estuary interpretive center and lab, now in the 2nd phase of architectural drawing (infrastructure funds) and will launch a massive capital campaign. TEP would like to visit HMSC this summer
- Jesse - Explore Nature outreach program, new website coming soon
- Rachel - TEP educational kits (15)
- Sara - Phase One new exhibits open now. Starting Phase Two next. Reevaluating how outreach programs work, small class presentations, teacher PD, hiring teacher advisory council
- Cait - ORSEA Capstone Aug 23 at HMSC in person

Adjourn