

NESTUCCA VALLEY
SCHOOL DISTRICT
NEWSLETTER
APRIL//2024



K8 After School Program Educates About Clean Water



K-8 After School Program
Students Contributed to Annual
Festival:

Once again, students in the
Nestucca Valley K-8 After
School Program provided their
art work to the annual
Tillamook County Children's
Clean Water Festival recently
held at Twin Rock Friends
Camp.

Under the guidance of
Ms. Rachel Pettit, students in the
after school program learned about
Kelp Forests and their inhabitants,
and Ocean Debris leading up to the
festival. Using cyanotype (solar)
process, students created multiple
step illustrations to produce the design
used for the Children's Clean Water
Festival posters. The Kindergarten
through 8th grade students also
created a large diorama of a kelp
forest using recycled materials. The
diorama is on display in the
commons area of the K-8 school.



Nestucca High School Fine Arts Updates:



Wizard of Oz tickets are available ONLINE at:

www.nestucca.k12.or.us Get your seats now; they are selling fast!

Show dates are May 1 at 11am, and May 3 and May 4 at 7pm.

Best of luck to Carly Cook (bass clarinet) and Ari Alexander (trumpet) as they perform at the Monday Music Club Young Musicians' Recital, Monday night April 8th at 7pm.

Good luck to our High School Bobcat Band, as they head to festival at Jewell HS this Friday, April 5th!

Tillamook County 23rd Annual Children's Clean Water Festival



Nestucca Valley Fourth grade students from Ms. Carissa Albin's and Ms. Mckenzie Schiewe's classrooms attended this year's Children's Clean Water Festival held at Twin Rock Friends Camp in Rockaway Beach. To support the 223 fourth grade students from the county's three public school districts, private schools and home schools, 81 volunteers from over 25 local organizations led station activities, presented in an Exhibit Hall, or were tour guides that led classes to each activity, and more.

Throughout the day, students rotated through six 30-minute station rotations focused on themes all relating to the importance of clean water. Station topics included macroinvertebrates, marine debris, estuary birds, the water cycle, tide pool animals, and salmon migration. A new activity this year provided students with the opportunity to dissect owl pellets while learning about forest food webs.

A focus of this year's festival was also to increase accessibility by providing more information to volunteers, students, and teachers in advance of the event about what to expect on the day of the festival. Activity descriptions and sensory information was provided leading up to the festival. Additionally, this year one of the cabins at Twin Rocks was available as the Quiet Space Cabin, for anyone to go to throughout the day to take a break. From the time students got off the bus, there were already people utilizing this space.

Throughout the day, at least four students/adults utilized this area. Another new accessibility accommodation this year was the development of Sensory Backpacks. These backpacks included a weighted lap blanket, a pair of noise canceling headphones, different textured items, and fidget items, among other things. One backpack was in the Exhibit Hall; the other was in the Quiet Space Cabin. We received feedback that the items in these backpacks helped people relax and catch their breath. Lastly, this year's CCWF offered an expansion in bilingual activities to better serve Spanish-speaking students. This year, three parts of the festival that were available bilingual English/Spanish including the Salmon Game, Owl Pellet Dissection, and the Marine Debris Game.

Partnering local organizations who participated in this event include:

1. Columbia River Maritime Museum
2. Coos Bay Watershed Association
3. Friends of Netarts Bay WEBS
4. Lower Columbia Estuary Partnership
5. Lower Nehalem Community Trust
6. Neah-kah-nie High School Watershed Science Students
7. North Coast Land Conservancy
8. Oregon Department of Forestry
9. Oregon Parks and Recreation Department
10. Oregon Seaweed
11. Oregon Shores Conservation Coalition
12. OSU Extension Juntos Afuera
13. Sammy's Place
14. Seaside Aquarium
15. TC STEAM (Science Technology Education Art Mathematics) Coach Volunteers
16. TEP Staff and Board Members
17. Tillamook County Pioneer Museum
18. Tillamook County Soil and Water Conservation District
19. Tillamook County Visitors Association
20. Tillamook Forest Center
21. Tillamook School District Staff + High School Students
22. Trout Unlimited Salmon Super Highway
23. Twin Rocks Friends Camp Staff
24. United States Coast Guard Auxiliary
25. Dedicated TEP community volunteers



A small group of NHS students traveled to Corvallis February 28th to tour the College of Engineering, College of Science, and the College of Earth Ocean, & Atmospheric Science

OSU Tour

We Learned:



How fossil records of ocean dwelling protist *foraminifera* indicate historic water temperature patterns of our ancient earth.

Quinn is holding a 3-D model of the 'Foram' collected from a sediment core sample off the Oregon Coast

How atmospheric bubbles trapped in ice give a record of historic CO₂ levels many, many thousands of years ago.



This ice core that Emmett is "listening to" is from a core 2 kilometers deep at Summit, Greenland. It was formed about 24,000 years ago!

This durable pigment, which can be synthesized in a lab, is desirable for bulk manufacturing. It is the first synthetic blue pigment breakthrough since “Cobalt Blue” 2 hundred years ago.

A Chemical research student from OSU discovered an exceptional new blue pigment YInMn blue

This durable pigment, which can be synthesized in a lab is desirable for bulk manufacturing. It is the first synthetic blue pigment breakthrough since “Cobalt Blue” 2 hundred years ago.



The College of Engineering is home to 13 different majors from Civil and Mechanical engineering to Nuclear and Environmental Engineering

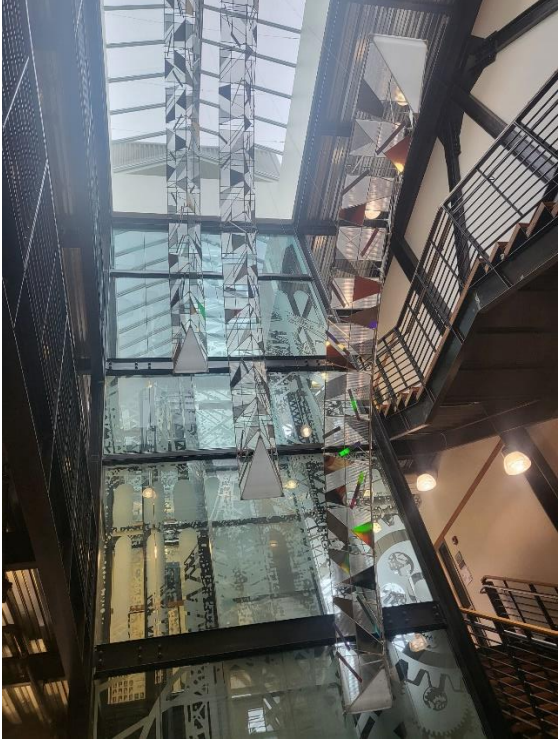
Of Oregon State's 30,000 students, 10,000 are enrolled in the College of Engineering.

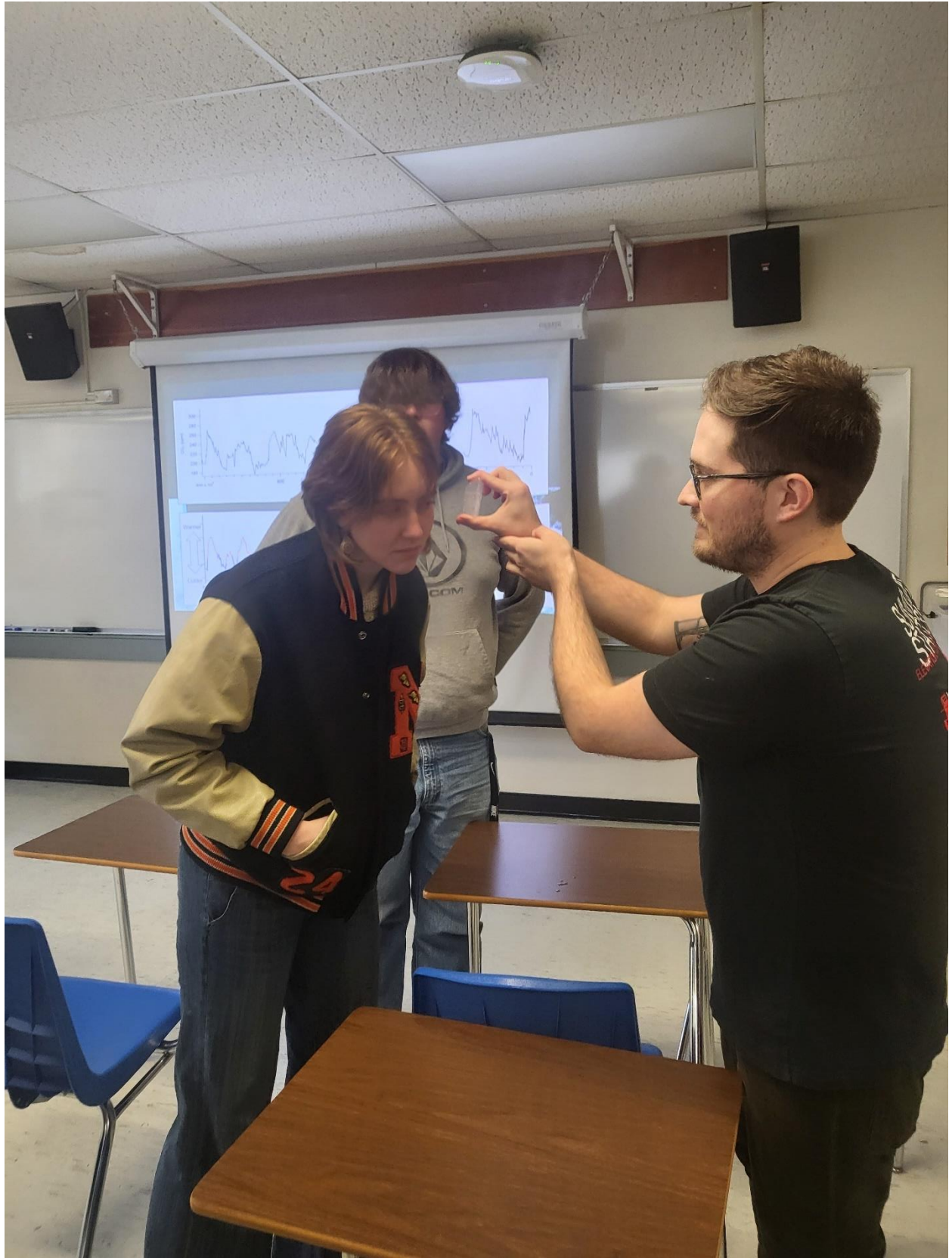
Before heading back to The Coast, we stopped for some merch at the Beaver Store



GO BEAVS!









Mentor
SIEMENS
SPACE X
VI-GRADE
LEIBER
RK
FESTO
handtmann
faurecia
213
OSU OREGON STATE
DHBW RAVENSBURG

SAE
INDUSTRIAL RACING

SCHOOL OF
MECHANICAL
INDUSTRIAL
MANUFACTURING
ENGINEERING

