

A close-up photograph of a bright yellow flower, likely a sunflower, with its center and several petals visible. The background is a soft, out-of-focus green and blue.

LANE ESD 2017 SUMMER EVENTS

MAY

OREGON FAB LAB & CTE SHOWCASE | MAY 16 @ LANE ESD: Join us in a conversation with John Niebergall about his adventures aboard the Oregon Fab Lab bringing high tech skills to students all across Oregon. Local CTE teachers Polly Kohl and Chris McGowan showcase work going on with students in Lane County. Discussion topics include: high tech software and hardware in the classroom, Computer Assisted Design (CAD), 3D printing, robotics, digital vinyl cutting, lean manufacturing, a MakerSpace how-to, and more.

EXPERIENCE OREGON TECH | MAY 18, 12-3 PM @ 3 EUGENE TECH COMPANIES: Over 100 high school students from across Lane County, representing 7 different schools, as well as 10 educators, will tour three tech companies in Eugene to learn about local job opportunities in the tech sector. Students will visit CBT Nuggets, IDX Broker, and RAIN Eugene in partnership with the Technology Association of Oregon.

SMC MATH ENGAGEMENT TEACHER WORKSHOP | MAY 23, 8AM-3:30PM @ THE WILLAMETTE CONFERENCE CENTER, LINN COUNTY EXPO CENTER: Teachers, instructional coaches and administrators learn strategies for encouraging student use of the mathematical practices as part of the daily classroom routine. Instructional strategies focused on increasing mathematical practices using a variety of approaches that can be adjusted to address different types of content standards at any grade level. There is a special rate of \$199 for Lane County teachers, register online at ccsmathactivities.com.

CHAMBERS APPRENTICESHIP MEET & GREET | MAY 23, 3PM-6PM @ CHAMBERS CONSTRUCTION WAREHOUSE: You are invited to join us for discussion of our new apprenticeship program hosted by Chambers Construction, Lane ESD and Peterson Pacific Corporation. Our warehouse is located at 3028 Judkins Rd. #1, Eugene, OR 97403. Parking and entrance is located behind building. For more information contact Mark Harrington at 541-972-0997 or mharrington@chambers-gc.com.



JUNE

MATH IN REAL LIFE SHOWCASE | JUNE 10, 9-2:30PM @ CAL YOUNG MIDDLE SCHOOL:

Math in Real Life is a project to help create an environment of innovation in math teaching and learning through regional networks with the focus on culturally sustaining strategies and applied mathematics. Teachers will share lessons learned and students will present their class projects. Secondary and post-secondary math teachers will discuss the current challenges and possibilities of alignment of math curriculum, assessment and instruction.

STEAM SHOWCASE | JUNE 10, 9:30-1 PM @ CAL YOUNG MIDDLE SCHOOL: The Content in Context SuperLessons (C2SL) grant provided teachers in Lane County with connections to STEM professionals and other community partners. The Showcase celebrates innovative teaching and learning through engaging students in Science Technology, Engineering, Art and Math. Teachers will share how they have been integrating these subjects in the classroom, and student teams will display what they have worked on during the school year.

18TH ANNUAL SOLAR CHALLENGE | JUNE 10, 11AM @ CAL YOUNG MIDDLE SCHOOL:

Teachers are given EWEB-donated supplies and teach about solar power and related topics, and their students build their own solar-powered cars. Hundreds of middle school students from Lane County participate in the event, which EWEB hopes inspires kids to learn more about science.

REACH HIGHER LANE COUNTY | JUNE 26-27 @ LANE ESD: Connected Lane County will host middle and high school counselors in a two-day professional development. Topics will include CTE/STEM Alignment, work-learning opportunities, an industry skills panel, working with 1st generation college students, and more. Participants will be provided with meals and a stipend for attending. You can register by emailing info@connectedlanecounty.org

NSF GUITAR BUILDING WORKSHOP | JUNE 26-30 @ MOHAWK HIGH SCHOOL: Teachers who have applied and been accepted to the workshop will take part in an intensive five-day guitar design and build project. Each teacher will build his or her own custom electric guitar and engage in STEM activities surrounding implementing this project into their classroom curriculum.

HEALTH SCIENCE SUMMER ACADEMY | JUNE 26-30 @ LANE COMMUNITY COLLEGE: Health Science Summer Academy is a statewide 50-hour professional development series for Oregon Health Science teachers. Hours will count towards the industry-experience required for CTE industry-based licensure and endorsement. Bonus workshop by Mark Perna, CEO, Tools for Schools. Contact Janet Golden for more information: 541-461-8224 or jgolden@lesd.k12.or.us.

CS 160 BOOTCAMP TEACHER ORIENTATION | JUNE 27 @ LANE ESD, 12-4PM: For all teachers who have registered for the Computer Science 160 Bootcamp taught at LCC in August. Contact csequeira@lesd.k12.or.us with questions.

SUMMER MATH & SCIENCE INSTITUTE | JUNE 27-30 @ OREGON STATE

UNIVERSITY: The Institute will help middle school and high school math and science teachers develop instructional practices that motivate and engage every student. During the four-day institute, teachers will have time to collaborate, network, and learn about high leverage teaching practices as well as modeling in science and math, promoting student discourse and argumentation, equitable teaching and learning, and enhancing scientific and mathematical knowledge for teaching. Registration is free. Contact Tom Thompson (tom.thompson@ode.state.or.us or 503-947-5790) with questions.

EARLY LEARNING/EDUCATION SUMMIT | JUNE 28-30 @ THE VALLEY RIVER INN:

ODE and Lane ESD host a statewide Early Learning/Education 3-day Summit for secondary and post-secondary educators and counselors. Topics include current issues in Early Learning/Education, high school and community college programs, community partners, college and career readiness, and early literacy. Mark Perna, CEO of Tools for Schools, presents his Education with a Purpose philosophy. Andy Masters, MA, CSP is an award-winning author and international speaker who has presented hundreds of CTE, Educational and Career Success Programs. For more information contact Kristin Gunson, kgunson@lesd.k12.or.us.

JULY

MEDSPASH! | JULY 17-AUGUST 4 @ LANE COMMUNITY COLLEGE MAIN

CAMPUS: MedSplash! is for students interested in learning more about healthcare sciences, offered this summer July 17-21 for grades 7-8, and July 22-28 or July 31st-August 4th for grades 9-10 from 9am-4pm at LCC. Participation will initially be open to only those schools and districts that signed grant assurances. If we do not fill all our spaces, recruitment will be extended countywide. Students will meet and talk with real health professionals, explore 6 high wage & high demand health careers, tour hospitals, medical & dental clinics, complete American Heart Association Heart Saver training, discover Health Professions Pathways offered at LCC, and use state-of-the-art healthcare mannequins & equipment. Contact jgolden@lesd.k12.or.us with questions.

STEM SHOWCASE AT THE FAIR | JULY 22, 11AM-8PM @ THE LANE COUNTY FAIR-

GROUND: Lane STEM is partnering with the University of Oregon, LCC, and the Lane County Fair to host STEM at the Fair on Saturday, July 22nd at the Auditorium building. All ages are welcome to try hands-on STEM activities, see demos and hear presentations from local STEM business representatives. Free with admission to the Fair! To volunteer or set up a booth, contact Erin Maloney at emaloney@lesd.k12.or.us.



AUGUST

SUPERQUEST TEACHER TRAINING | AUGUST 2-4 @ LANE ESD: This three-day professional development prepares and empowers teachers with the skills and classroom tools needed to bring hands-on technology learning directly into the classroom. Topics include 3D manufacturing, coding, web development, robotics, and more! Check out oregoncsta.org or email rchilds@lesd.k12.or.us or plauf@lesd.k12.or.us for more information.

OREGON MATH LEADERS CONFERENCE | AUGUST 4-5 @ WILLAMETTE UNIVERSITY: Every year in early August, 100-200 teachers gather in Salem for the Oregon Math Leaders (OML) conference in order to improve math education in their classrooms, their schools, their districts, and across the state. This year's theme is Connecting With Math Education. Visit octm.org/conferences for registration information.

LANE COUNTY SCIENCE PROJECT TEACHER TRAINING | ONLINE & AUGUST 14-17 @ LANE ESD: K-5 science teachers interested in facilitating NGSS workshops in their schools can sign up for professional development via the Oregon Science Project curriculum. The training includes some online modules as well as in-person professional development facilitated by Dara Brennan (Springfield Science TOSA) and Nick Spicher (The Science Factory). The in-person training will take place from 9am-3pm. A stipend and meals will be provided. Email info@lanestem.org to register.

CS 160 TEACHER BOOTCAMP | AUGUST 7-18 @ LANE COMMUNITY COLLEGE: Teachers from across Lane County will enroll in a two week intensive training in order to teach Computer Science 160 for college credit in their schools. Contact csequeira@lesd.k12.or.us with questions.

STUDYING SKILLFUL TEACHING | WK OF AUGUST 21 @ LANE ESD: Prerequisite Module 1/ The Knowledge Base of Teaching is offered Aug 23 & 28. Module 2/Essential Elements of Unit/lesson Design, Module 3/Making Student Thinking Visible, and Module 4/High Expectations Teaching are all slated to begin the week of August 21. Contact moakes@lesd.k12.or.us

TOTAL SOLAR ECLIPSE | AUGUST 21, 10AM IN OREGON: A once-in-a-lifetime event!

OHSU RESEARCH & SIMULATION EXPERIENCE | AUGUST 22 OR 23: A one day professional development for 48 Oregon Health Science teachers. Teachers will tour the Oregon National Primate Research Center, experience the OHSU Simulation state-of-the-art Interprofessional Simulation Center in the Collaborative Life Science Building; Receive a \$500 allowance for their Health Science program. Contact Janet Golden 541-461-8224 or email jgolden@lesd.k12.or.us.

SAVE-THE-DATE: ZARETTA HAMMOND | SEPTEMBER 19-20 @ LANE ESD: Author and researcher of Culturally Responsive Teaching and The Brain: Promoting Authentic Engagement and Rigor Among Culturally and Linguistically Diverse Students visits Lane County.

