

Saturday, May 11, 2024

Bisbee Science Lab, 519 Melody Lane, Bisbee, AZ or via ZOOM

Math Teacher Circles – Listen to the Voices of Young Scientists: Environmental Research Project - 10:15 AM – 11:15 AM

Charles Collingwood, Noyce Borderlands Master Teacher Fellow

Based at UC Berkeley's Lawrence Hall of Science, the East Bay Academy for Young Scientists (EBAYS) provides culturally responsive opportunities for youth to enhance their STEM skill sets by engaging in authentic environmental science research investigations. In today's presentation, EBAYS' young scientists will share findings from research on lead concentration levels in soils collected throughout Oakland, California. These young scientists overlaid maps of soil lead concentration levels, derived from 3,000 sample points, onto historic redlining maps of Alameda County, California. Analysis of this spatial data revealed a clear correlation between elevated lead levels in residential soils and neighborhoods subjected to redlining in the past.

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Teacher Voice Book Club – Turning Points: 35 Visionaries in Education Tell Their Own Stories – 11:30 AM– 12:30 PM

Elizabeth Doran, Noyce Borderlands Master Teacher Fellow

Join us for book club to discuss Dennis Littky and his article TG.I.F. found on pages 227-237 of Turning Points. Had you ever heard of him before reading this short autobiography? Is he more passionate about teaching than you are? Does he care about his students and their families more than you and I do? My answer to each of these questions is "no". What sets this amazing innovator apart? Why was there so much resistance to his vision of a better school? What forces are keeping us from making these positive changes in our own classrooms? He makes it look so easy! Reading selection, *T.G.I.F.* by Dennis Littky, pp 227-237:

https://docs.google.com/document/d/14J8T3eTL623YIZIGFI38_b2wAmh7lCjffGy2036mSF0/edit?usp=sharing

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Community Phenomena Walk – Engaging Learners Where They Live - 12:45 PM – 1:45 PM

Rachel Carpenter & Melany Coates, Noyce Borderlands Master Teacher Fellows

Getting to know students and their community can be daunting for new and experienced teachers, especially those who teach in communities that vary widely from the ones in which they live or grew up. Understanding how to make content relatable to students and connected to the "real world" can also be challenging. In this session we will do a "Community Walk" in which participants engage in how to explore their students' local communities and discover how math and/or science is used and experienced by members of the community, to be able to take back to your classrooms and engage your students. Credit - Dr. Michele Korb, Dr. Julie McNamara, Cal State East Bay

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JOIN US!
ONE SATURDAY PER MONTH
IN-PERSON or VIA ZOOM
CEU CREDITS & COMPLIMENTARY LUNCH
For more Information contact:
Eric Meyer, Sin Fronteras Director
ericmeyer@arizona.edu

Sin Fronteras Spring 2024 Schedule:

Saturday, January 27, 2024

Saturday, March 2, 2024

Saturday, April 6, 2024

Saturday, May 11, 2024



Please RSVP at:
https://uarizona.co1.qualtrics.com/jfe/form/SV_0fAhQoMoYl0l206

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