

Developing the Language of Math and Science

Workshop Descriptions and Registration

Saturday, Feb, 29th, 2020 UC Davis Earth & Physical Sciences Bldg.

Parking Free – use Lot 46

8:00- 8:30	<i>Registration, Continental Breakfast, and networking</i>
8:30- 9:30	<i>Keynote Address</i>
<p>Dr. Leslie Banes UC Davis School of Education The Intersection Between Language and STEM Learning</p>	

9:40-10:40	<i>Session I: Topics and Grade Levels</i>
Gary Eisenberg Vacaville	Singing and Dancing Through K-3 Math grade: K-3 Come explore ways to add language and fun to your mathematics classroom.
Leslie Banes UC Davis	Essential Practices for Integrating ELD and Math grade: 4-9 Explore research-based essential practices that support math and language development through classroom examples, strategies, and lesson plans. Teachers will grapple with the key question, “how do I support my students with the language demand of math lessons without taking away the mathematical thinking?”
Lynn Ball Sacramento	Number Talks grade: 6-12 math Empower students mathematically through language.
Susann Pinter CalTeach/MAST UC Davis	Let the Light Shine In grade: 7-12 science We will be exploring colored shadows and examining the way that white light can be split up in its components.

10:50- 11:50	<i>Session II: Topics and Grade Levels</i>
Sarah & Chris Strazzo Sacramento	Keeping STEAM Cool: Fun with Dry Ice in the K-6 Classroom grade: K-6 Come explore ways to supplement your existing science curriculum with demonstrations, experiments, and art projects that involve the magic of dry ice.
Vicki Fu Woodland	Citizen Science: Actively engage your students both inside and outside the classroom grade:4-8 Experience fun and exciting ways for your class to contribute to existing research.
Jeremy & Tessa Heavlin-Martinez WUSD	Out of the Box Assessments in 6-12 science. grade: 6-12 science Explore the use of GIF making and WeVideo for creating alternative science assessments. We’ll focus on strategies that you can start using in your classroom’s tomorrow.
Elizabeth Broughton Jacklyn DeWitt DUSD/WUSD	Structuring class discussions for students to share and compare strategies G: 7-12 math How do we encourage more students to share their ideas? Let’s look at some ways to facilitate verbal discourse through written communication... and count some chicken wings!

12:00- 12:30	<i>Putting it all Together</i>
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Resource Closet and Door Prizes: Visit our resource closet and take free resources home for your classroom.

Know any retiring teachers? Encourage them to bring items to give away.

Our conference is free as a **THANK YOU** to all of you who strive to foster curiosity in STEM education.

Includes a year’s membership in Math Educators of Solano County

While walk-ins are welcome, please try to register by Feb 21st so we can have enough supplies.

Register free at <http://bit.ly/mesc-conf> Questions can be sent to email below.

Special accommodation needs must be emailed to us no later than Feb 14th at secretary.mesc@gmail.com

Check with your district to see if they will allow the hours to apply to Professional Growth.