



California Mathematics Council - South
59th Annual Mathematics Conference
November 2-3, 2018 in Palm Springs

SVMI and WestEd/SVMI Presentations

Friday, November 2:

8:30-10:00am – Katie Salguero & Angela Knotts, "Worked Examples & the Mathematics Teaching Practices" (Tapestry room, Hilton). How can worked examples address challenging algebra topics? In this session, we explore how lessons built on worked examples provide ways to engage in the Effective Mathematics Teaching Practices. We examine five ETPs and connect to the SMPs

8:30-10:00am – Mardi Gale, "Coaching/being Coached for Equitable Access: Critical Elements" (Ventura Room, Renaissance). How do we coach/teach to ensure equitable access to content? What dimensions matter? Examine successful models for coaching from SVMI & TRU that support teachers as they shift their practice to access for all students. Documents provide PLC guidance.

8:30-10:00am – Cecilio Dimas (Director, SVMI) "Leveraging Language in Mathematics to Open Minds & Hearts (Grades 3-5)" (Woodstock Three, Zoso). In this session, participants will engage in Math Language Routines anchored in a progression of mathematics through the use of performance tasks. Additionally, we'll analyze the power of utilizing the relationship between language & math as a source to shift & change mindset and expand identity to include mathematics. Participants will leave with a set of routines & performance tasks, as well as guidelines about how to implement a student-driven & cognitively-guided performance task experience.

10:30-12:00pm – Tracy Sola (Assistant Director, SVMI), “The Long and Short of It: Primary Non-Standard Measurement.” Journey with students as they experience and reason about non-standard measurement. Students engage in activities and participate in debrief discussions to solidify their understanding. Video cases and student work bring this presentation to life.

3:30-5:00pm – Katie Salguero & Angela Knotts, "Building MP 2: Supporting Students in Solving Word Problems" (Plaza C, Hilton). In the 2017-18 school year, we worked with K12 leaders & teachers to explore how we can support students with analyzing word problems by focusing on the quantities and relationships in the problem. We share the impact on teachers’ daily practice.

Saturday, November 3

1:15-2:45pm – Cecilio Dimas (Director, SVMI) “Leveraging Language in Mathematics to Open Minds & Hearts (Grades 3-5)” (Mesquite F, PSCC). In this session, participants will engage in Math Language Routines anchored in a progression of mathematics through the use of performance tasks. Additionally, we’ll analyze the power of utilizing the relationship between language & math as a source to shift & change mindset and expand identity to include mathematics. Participants will leave with a set of routines & performance tasks, as well as guidelines about how to implement a student-driven & cognitively-guided performance task experience.

3:15-4:45 – Angela Knotts & Katie Salguero, “Linear Functions: Using Classroom Video as A Coaching Tool” (Fillmore Room, Zoso). How can coaches best support teachers around topics related to linear functions? We share how video case studies can be used to help teachers further develop math content knowledge and also build pedagogical strategies that enhance student learning.