



UCDMP Saturday Series 2017-18

Engaging Students in Thinking and Reasoning Mathematically

A Saturday Series for K-12 Mathematics Educators

Routines can keep your classroom running smoothly. Imagine having a set of routines focused on helping students develop their mathematical thinking skills. This Saturday Series focuses on using the math practices as a vehicle for weaving critical thinking and reasoning into your daily teaching practices. Because not all math practices are created equal, we will focus on supporting teachers as they select the right practice for the right task. The emphasis will be to help teachers explicitly elicit mathematical thinking from their students by engaging them in a variety of tasks and activities that support students' depth of knowledge in mathematics.

Elementary Sessions: In both the Kindergarten-2nd grade group and the 3rd-5th grade group, each session will include using math in STEM/STEAM and literature, Math Workshops, Tasks, Hands-on-Activities, the use of manipulatives, writing and problem solving.

Secondary Sessions: In both the 6th-8th grade group and the 9th-12th grade group, each session will include openers, team building activities, performance tasks; project based learning/modeling tasks, strategies for promoting effective mathematical arguments, and the use of technology.

Be sure and bring your teacher materials - you will be provided time to infuse these techniques into your curriculum. *These themes will run throughout all five sessions.* Participants are welcome to attend all, a few, or even just one session. Have fun with us as we collaborate on ways to deepen students' mathematical abilities.

Times: 8:30AM – 4:00PM (lunch & light snacks will be provided)

Dates: [Saturday, September 23, 2017](#)
[Saturday, November 4, 2017](#)
[Saturday, January 27, 2018](#)
[Saturday, March 17, 2018](#)
[Saturday, May 5, 2018](#)

Location*: All Groups (K-2, 3-5, 6-8 & 9-12) will meet at Sacramento City College in Davis;
1720 Jade Street; Davis, CA

Registration cost per Saturday:

Early discounted sale registration: \$45
Regular registration: \$65
Late registration: \$75

Credit: Cost of optional units: \$120 for 2.0 CEUs or \$140 for 3.0 CEUs.

To be eligible for the CEUs, participant must attend the entire sessions, **sign in and sign out**, and actively participate throughout the workshops.

- 2.0 CEU's will be available for purchase by teachers who attend 3 of the 5 sessions offered.
- 3.0 CEUs will be available for purchase by teachers who attend all 5 sessions offered.

Registration in advance is required. Participation certificates will be available only for pre-registrants who stay the **entire** session.

Space is limited, so register early to ensure a spot.

HOW TO REGISTER:

Payment by **credit card**: Enroll online through <http://mathproject.ucdavis.edu>

Payment **by check** or **by PO**: Enroll by paper form. Download forms at <http://mathproject.ucdavis.edu>

These workshops are designed to meet the specific needs of educators. We respectfully request that you do not bring children, babies, or pets to the sessions.