

Faculty Academy for Mathematics Excellence (FAME) 2018

A *BLENDED* Learning Professional Development Program for 4th – 5th Grade Math Teachers

Do you want to deepen your understanding of the Eight Mathematical Practices? Learn additional strategies for teaching mathematics? Use computer and Web technologies in math instruction to engage and motivate learners? Deepen your Common Core understanding?

If **YES**, apply for the KCI's new 4th – 5th grade FAME professional development program **Faculty Academy for Mathematics Excellence!**

Program Description

The 10-month FAME program begins with orientation on May 12, 2018. The Summer Institute consists of six face-to-face days of PL supported by 24 hours of online, facilitated learning. Teachers will explore operations and algebraic thinking, fraction and base ten number & operation concepts, measurement data and geometry with an emphasis on topics that students often find challenging, while learning how to use technologies to support teaching and learning of mathematics. The program also includes four face-to-face follow-on sessions during the academic year, designed to help implement instructional changes, build a professional learning community, and address additional math content and technology topics.

Eligibility

This program is open to educators who teach math in grades 4 - 5.

Program Benefits for Teachers

- Increase math content knowledge for preparing students for success in pre-algebra and algebra.
- Learn conceptual methods to teach mathematics and integrate technology into instruction that aligns with Common Core State Standards and the Standards for Mathematical Practice.
- Increase ability to design and implement lessons and activities that are effective at developing students' understanding of mathematical ideas.
- Earn a stipend of \$600 for completing the FAME program and 10.5 Foothill College quarter units (KCI will fund 6 units).

Program Requirements

- Attend the FAME kick-off and orientation on Saturday May 12.
- Participate in all 60 hours of the program in the summer. (Face- to-face days: July 25-26-27-30-31 and August 1), and 30 hours online.
- Attend four follow-up days (typically Saturdays).
- Redesign math lessons or a unit of study.
- Take two additional units of FASTtech courses from the KCI.
- Complete 100 points of professional learning and sharing by the end of the program.
- Support from school principal and/or math coach.
- Take the Math Teaching surveys (pre and post Summer Institute) and after the completion of the program.
- Create a e-portfolio of work that documents teaching practice and student outcomes.

4th – 5th Grade FAME Program

Seven in person days: May 12;

July 25, 26, 27, 30, 31, Aug 1

Four Follow-up days: TBD

Face-to-face days: 8:30 am to 3:30 pm



Program Info: bit.ly/FAME45info

Stipends and CEUs

Teachers will earn \$600 and 6 Foothill College quarter units (total of 10.5 units)

Application Deadline:

April 30, 2018

Apply online at

bit.ly/FAME45

Location:

Krause Center for Innovation Foothill College, Los Altos Hills, CA

Contact:

Lisa DeLapo, Innovator in Residence, KCI

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<http://krauseinnovationcenter.org>



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