FRESNO STATE Mathematics

SAN JOAQUIN VALLEY Mathematics PROJECT

FRESNO STATE Mathematics & Science Teacher Initiative

Teaching Student-Centered Mathematics

For elementary, middle, and high school teachers

Saturday, June 16, 2018 8:00 a.m.-3:00 p.m. and

Monday, June 18 - Friday, June 22, 2018 8:00 a.m.-3:30 p.m.

- Connect California Standards for Mathematical Practices and NGSS with the focus on STEM
- Observe demonstration classes with highly effective teaching strategies (debate-style, CGI, project-based learning)
- Focus on literacy development (ELD) within the math and science classroom
- Learn the importance of backwards design (UBD) in developing student-centered lessons
- Learn to use dynamic mathematical software to teach mathematical concepts

*Engage in **six days** of intensive hands-on learning through activities and demonstration classes for elementary, middle, and high school teachers to learn strategies to implement the California State Standards for Mathematics.*

WIND ENERGY

This year, you will observe and discuss how students learn mathematical concepts such as dimension, measurement, angle, area, surface area, and volume through debate and discussions, while exploring wind energy through project based learning.

For additional information, to register, or to see workshop activities from previous years, please go to: www.fresnostate.edu/mathworkshop

or contact:

Dawn Moate (Administrative Assistant):

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If you have further questions please contact:

Dr. Rajee Amarasinghe (Department Chair):

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Phone: (559) 278-2992

*Additional benefits:
$250 stipend and optional three units of PD university credit (cost: $75/unit).

Registration fees/ School/District Support:

Registration by May 15th $650

Registration after May 15th $750