

Common Core Standards-Based Instruction with Technology

Fall 2012

Saturday, October 20, 2012

7:30 a.m. – 3:30 p.m.



Mathematics
PROJECT

*San Joaquin Valley Mathematics Project
Mathematics and Science Teacher Initiative
GeoGebra Institute of California*



Mathematics and
Science Teacher
Initiative

Location: CSU, Fresno – Education Building (Rooms 153, 161)

Time	Sessions	
7:30-8:00	Check in and pick up handouts / Continental Breakfast	
8:00-8:15	ED 152: Welcome	
8:15-9:00	ED 153: Sharing Successes and Challenges in Implementing the Eight Standards for Mathematical Practice	ED 161: Intro. to GeoGebra (Brad Powers)
9:15-11:30	ED 153: SLI 2012 Participants Work on CCSS Presentations	ED 161: Intro. to GeoGebra Cont. and Open Lab (Dr. Rajee Amarasinghe, Dr. Agnes Tuska)
11:30-12:15	ED 153: Lunch	
12:15-1:15	ED 153: Presentations by SJVMP SLI Class of 2012 Alumni	ED 161: How Do I Use GeoGebra (John Martin)
1:30-3:00		ED 161: Animation, etc. (Jim P. Yang)
3:10-3:30	ED 153: Closure, Feedback	

One UNIT will be available for attending this Technology Fall 2012 Event
Cost: \$75/unit, make check payable to: "Fresno State"



Registration Form

Registration Fee: \$50 (Please make check payable to "SJVMP")

Registration fee includes lunch, if **registered by October 12**--please note any food allergy.

(Fee waived for SLI Class of 2012 Participants and first 20 MSTI Students)

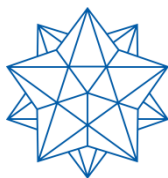
Please email/return/mail form to May Lee, mayl@csufresno.edu, Room ED 250,
5005 North Maple Avenue M/S ED2; Fresno, CA 93740-8025

Name:			
Preferred Email:		Phone:	() -
School/District:		Position:	

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Session Details

GeoGebra and Interactive Whiteboard in the Classroom

Brad Powers

GeoGebra is software that allows teachers to Dynamically and Interactively display mathematical ideas and connections and can also be used as a kind of manipulative in the classroom. This will be an introduction to GeoGebra and will be presented using an interactive whiteboard via a Wii Remote. There will also be time to discuss different ways of using GeoGebra and technology in the classroom.

Animation, Videos, and GoogleDocs for Understanding Mathematics

Jim P. Yang

Make math visual through animation. Participants will see and learn how the animation tools in PowerPoint can aid them in explaining difficult Mathematical Concepts. Further, they will learn how to make videos for their classroom website and use GoogleDocs to check for understanding.

How do I Use GeoGebra?

John Martin

A high school teacher's perspective from collaborations with colleagues.

GeoGebra Open Lab

Rajee Amarasinghe and Agnes Tuska

This session is designed to allow teachers to work on GeoGebra worksheets or learn more about GeoGebra with support from GeoGebra trainers.

Presentations by SJVMP Summer Leadership Institute Class of 2012

Presenter	Topic	Grade Level
Zharida DeFendis	TBA	TBA
Brandan Dillon	Students Using Precise Algebra Language in Writing	9th-10th
Eileen Donnelly	TBA	8th
Jay Johnson	TBA	6th
John Martin	GeoGebra	7th-10th
Clare McGarvin	TBA	7th-8th
Barbara Parker	Homework Check	8th-Alg.
Wanda Patrick	Special Ed/TBA	6th
Bryan Sheldon	Some Key Additions to CC Alg. 1	8th-10th
Sandra Torrence	Pair/Share	Alg. 1 (9th)