

# Algebra Institute (Fall 2009)



Recent attention has been paid to students who perform well in mathematics in K-7 yet are underprepared for Algebra 1. This institute is designed for 6-12 grade mathematics teachers that are interested in preparing students for Algebra by fostering algebraic thinking.

We will explore activities that help students transition from algorithms to algebraic thinking, express generalizations about structure and functions, build on number sense, foster symbol sense, and link multiple representations of problems. California State Standards will be embedded in all activities. In addition, we will explore how technology can be incorporated in today's classrooms to foster algebraic habits of mind.

The Algebra Institute is a 5 day workshop where teachers gain information on strategies that help students make sense of algebraic processes and gain understanding into applications at various levels of secondary mathematics.

You will receive many relevant, standards-aligned materials.

## What

5 day Algebra training

## When (5-Day Institute)

Saturday, September 26, 2009

Saturday, October 3, 2009

Saturday, October 10, 2009

Saturday, October 17, 2009

Saturday, October 24, 2009

Time: 8:00am—3:00pm

## Where

California State University San Bernardino

5500 University Parkway  
San Bernardino, CA 92407)

Room: TBD

Cost: **FREE**

## Instructors

R. Soto, SBCUSD

J. Winter, CSUSB

## Questions

Please contact the ICMP office at  
(909) 537-5455 or  
icmp@csusb.edu

**To Register:** Send an email to Sarah Winter at [swinter@csusb.edu](mailto:swinter@csusb.edu) with the following information (all sections must be filled for a complete registration):

**(IMPORTANT: You must note in your email that you are registering for the Free Algebra (Fall 2009) Institute)**

Name (first and last):

- District:

- Home Phone (please include area code)

Grade Level:

- Home Address:

- Email Address:

School:

- City/State/Zip:

Inland Counties Mathematics Project

Department of Mathematics

California State University San Bernardino

5500 University Parkway

San Bernardino, CA 92407

**Registration Deadline: September 9, 2009**  
**Space is limited!!**