

Registration Information

3-Day Institute

Fee: \$150 per teacher (20 teacher minimum)

Dates: January 29, 2010
March 4, 2010
April 6, 2010

Time: 8:30 am — 3:30 pm

Location: Steve Garvey Jr. High School
Team Learning Center (Room 18)
340 N. Harvard
Lindsay, CA 93247

To Register: Tulare.k12oms.org/

Register by: January 25, 2010

**Tulare County
Office of Education**

Jim Vidak, County Superintendent of Schools

Educational Resource Services
7000 Doe Avenue, Suite A
Visalia, CA 93291

For registration information, please call

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Hands-On Algebra Strategies



**Developing Conceptual
Understanding in Algebra**

GOALS

Developing Conceptual Understanding in Algebra

- **Utilizing Manipulatives**
 - Two-Color Counters
 - Cups and Chips
 - Algebra Tiles
- **Instructional Strategies**
 - Problem-Solving Strategies
 - Multiple-Representations of Algebraic Relationships
 - Graphic Organizers
- **Collaboration and Planning**

WHO WOULD BENEFIT?

- English Learners
- Struggling Learners
- Students with Learning Difficulties



PROGRAM

3-Day Institute

Participants will learn to

- Utilize the manipulative based lessons that are currently in their adopted textbook
- Incorporate manipulative and conceptual strategies into existing lessons within their textbook
- Develop students' problem-solving skills utilizing specific problem-solving strategies
- Strengthen students' conceptual understanding through the development of multiple representations of algebraic relationships

INSTITUTE INCLUDES:

- Book: Teaching Student-Centered Mathematics: Grades 5-8 by Jon Van de Walle
- Classroom set of manipulatives
- Continental breakfast and lunch

