



San Joaquin County Office of Education
Mathematics Professional Learning Opportunity
- 2017/2018 -

GRADES 6-8

NUMBER TALKS...

A Powerful Strategy

**Building Growth Mindset and Fluency through
NUMBER TALKS**

“Students come to classrooms fearing and avoiding math and, worse, thinking they are no good at it. Believing that mathematics is mostly about using procedures correctly, they have learned to focus on getting the right answer, whether or not the process makes sense to them. Many students don’t expect math to make sense at all. The result is that students learn to disengage their reasoning-and even distrust it.”

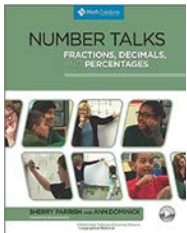
*Excerpt from Making Number Talks Matter
by Ruth Parker and Cathy Humphreys*

How do we change this mindset?

The **Number Talks** are a powerful change agent for shifting student and teacher mathematical beliefs and understanding. Participants will learn how to shift from teaching and learning by telling, to teaching and learning by using purposeful problems and intentional discourse.

Participants will learn guiding principles for enacting Number Talks and talk moves that help manage productive discussion in math classes. Number Talks are a great way to dramatically transform teaching and learning in the mathematics classrooms!

Book included with registration:



Number Talks:
Fractions, Decimals, and Percentages:
*A Multimedia Professional Learning
Resource*

Author: Sherry Parrish

Cost: \$185 per person

October 12, 2017

Registration Deadline:

October 2, 2017

REGISTRATION

<http://formbuilder.sjcoe.org/form.aspx?f=682>