



Number Strings

with Rachel Lambert, Chapman University

This institute will introduce participants to the pedagogy and design of *Number Strings* (Fosnot & Dolk, 2002), a daily mini-lesson that develops computational fluency through carefully sequenced problems. Students mentally solve one problem at a time, describing and comparing strategies. Teachers represent strategies using carefully chosen mathematical models such as the open number line. Each day will focus on one computational area. Participants will experience *Number Strings*, analyze student strategies through video, and begin to design their own *Number Strings*. This workshop will address issues of access for all learners to this type of challenging mathematics, including students in special education.

Addition and Subtraction, Grades 1-3

Date: December 4, 2015

This workshop will introduce participants to Number Strings for addition and subtraction, using the open number line as both a representation of strategies and a tool for student thinking.

Multiplication and Division, Grades 3-5

Date: December 10, 2015

This workshop will explore Number Strings for multiplication and division, using arrays and ratio tables as mathematical models.

To register for

December 4, 2015:

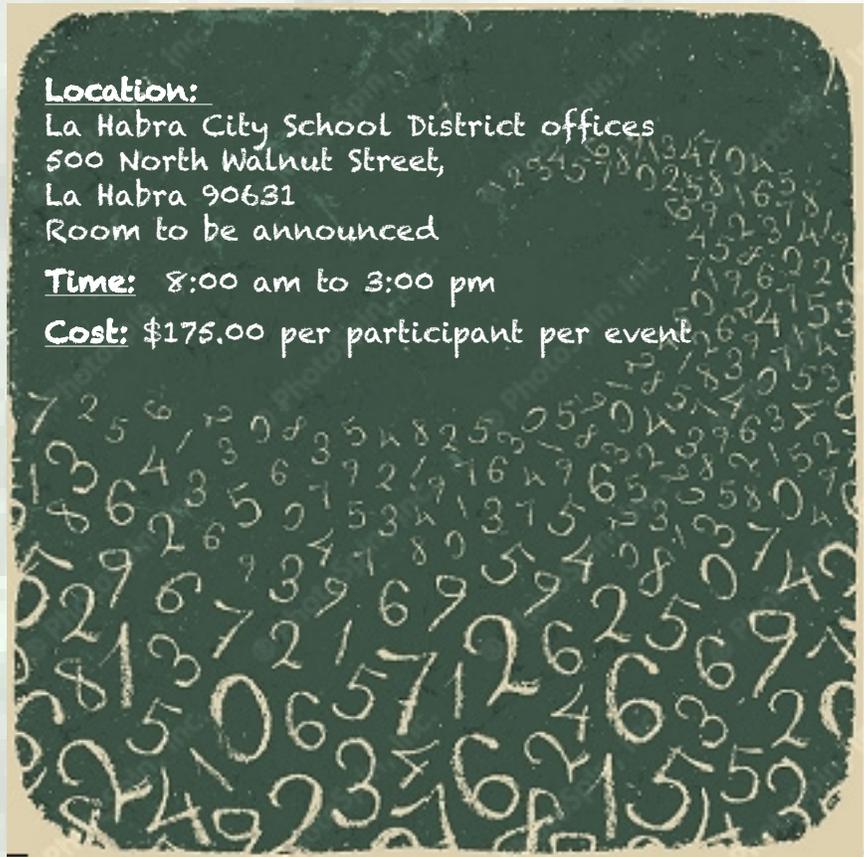
<http://ocde.k12oms.org/1245-104602>



To register for

December 10, 2015:

<http://ocde.k12oms.org/1245-104604>



Contact Information: Jody Guarino, 714-966-4326 or jguarino@ocde.us

Registration Information: Susan Walker, 714-966-4379 or swalker@ocde.us

Payment needs to be made by the day of the event.

The Orange County Department of Education (OCDE) may take photographs of participants at the event. These photographs will be used to document the event, promote events in written materials posted on the OCDE website, the World Wide Web, and on the digital frame in the entry to the OCDE offices.

Individuals with disabilities in need of auxiliary aides and services may request assistance by contacting Susan Walker.