

UCSB Department of Mathematics
Winter 2011
Contexts For Learning Mathematics Workshops

**Developing Computational Fluency in Grades 3-6 using the
Number Line, Area Models, and the Ratio Table**
Wednesdays March 9 and 16
3:00-5:30

Harding University Partnership School, Library
Workshop leaders: Bill Jacob and Kyunghee Moon

These workshops will focus on mathematical development at these grade bands, emphasizing the big ideas, strategies and models students need to develop robust number sense and computational fluency. The workshop will build upon earlier work where Contexts for Learning Mathematics units were used to develop the basic models. Now the emphasis shifts to developing fluency using minilessons and “strings” of related problems designed to elicit and develop specific strategies. There will be lots of time for questions and answers and part of the time participants will work with other teachers at their grade level.

An application is attached. **Applications are due by March 4, 2011.** This workshop is funded in part by a grant from the Educational Advancement Foundation. For more information contact Bill Jacob at jacob@math.ucsb.edu or Monica Mendoza at monica@math.ucsb.edu.

Harding University Partnership School is Located at 1625 Robbins Street in Santa Barbara.

**UCSB Department of Mathematics
Winter 2011
Contexts For Learning Mathematics Workshops**

**Developing Computational Fluency in Grades 3-6 using the
Number Line, Area Models, and the Ratio Table
Wednesdays March 9 and 16
3:00-5:30
Harding University Partnership School, Library**

APPLICATION

Name: _____

School: _____ Grade: _____

Home Mailing Address: _____

City: _____ Zip Code: _____

Home Telephone: _____

E-mail: _____

Mail, Fax or email application to:

Monica Mendoza
Department of Mathematics
University of California, Santa Barbara
Santa Barbara, CA 93106
Fax (805) 893-2385
monica@math.ucsb.edu

This project is funded by a grant from the Educational Advancement Foundation.
For more information email Bill Jacob at jacob@math.ucsb.edu. Space is limited.
Application Deadline: March 4, 2011. Applicants will receive confirmation and
program information prior to the start of the program.