

**UCSB Department of Mathematics  
Center for Mathematical Inquiry  
Workshop for K-3 Teachers, 2007**

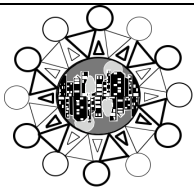
**Number Sense and the Landscape of Learning Workshop K-3  
July 23, 24, 25, 12:30-4:30  
Workshop leader: Bill Jacob**

This workshop will focus on the landscape of mathematical development in number and operation in grades K-3. Participants will study the big ideas, strategies, and representations that students need to understand the standards at their grade levels and how they are related to mathematical development at other grades. The workshop will blend investigations of content, examination of current instructional materials with discussion of meeting needs of ELL students and study of student work and thinking.

The UCSB Center will coordinate academic year follow-up that will include opportunities for vertical and horizontal teaming as well as continued collaboration on meeting the needs of ELL students. This includes collaboration on instruction, lesson-study, sharing student work, and further study of issues of teaching and learning that extend the ideas developed during the summer. Participants in the 3-afternoon workshop will receive *Contexts in Learning* materials to use in their class as well as the manipulatives needed to use the program. Follow-up will include opportunities to collaborate on using these materials and to join lesson-study teams in the winter and spring. *Participating teachers will receive a \$150 stipend for the three-afternoon institute.*

The workshop will be limited to 24 participants. All workshop sessions will be held at UCSB in Trailer 940, Room 1010 and parking passes will be provided to participants. An application is attached. **Applications are due by June 15, 2007.**

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](mailto:jacob@math.ucsb.edu).



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**APPLICATION**

Name: \_\_\_\_\_ School: \_\_\_\_\_ Grade: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Home Telephone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Mail, Fax or email application to:

Prof. Bill Jacob  
Department of Mathematics  
University of California, Santa Barbara  
Santa Barbara, CA 93106  
Fax (805) 893-2385  
jacob@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](mailto:jacob@math.ucsb.edu). Space is limited. **Application Deadline: June 15, 2007.** Applicants will receive program information and parking permits prior to the start of the program.