Math Methodology for Teaching English Language Learners (Grades 6-12)

PDERI Event ID 1627 – 3 Credits (IAPS-Approved)

Purpose: To give teachers of ESL students (grades 6-12) a better understanding of mathematics and alternative ways of teaching mathematics.

Dates: July 11-14, 2006. Learning Results Portfolio due November 22, 2006 (Wednesday).

Time: 8:00 AM to 3:30 PM

Location: Campbell High School, 91-980 North Road, Ewa Beach (See map on page 2.)

Cost: None. It's Free!

Inquiries: Contact Maris Ho, at 956-6201 or email marish@hawaii.edu.

Deadline: Registration deadline is June 9, 2006.

Priority: Enrollment priority given to: 1) teachers from Campbell High School; 2) teachers from complexes in Project Waipuna (Campbell, Waianae, & Waipahu complexes); and 3) teachers from other complexes in the Leeward District.

Pre-Registration Instructions:
1. Duplicate the form for each registrant.
2. Complete all sections of the form (below).
3. Copy completed form(s) for your records.
4. Submit completed form (see instructions to the right).

To submit completed form, fax to 956-3374 or mail to:
WCCC-Project Waipuna
College of Education, University of Hawaii at Manoa
1776 University Avenue, UA2
Honolulu, HI 96822

Disclaimer: By submitting a completed pre-registration form, you grant permission to College of Education staff to photograph and/or videotape you and to use without compensation your likeness in future project-related publications regarding the course or related activities. The sponsoring project reserves the right to cancel the course if minimum registration count is not met. Flyer Revised: 04-20-06.
ABOUT THE COURSE

Course Activities and Requirements:
Class sessions include a variety of instructional procedures including class discussions, group activities, lectures, practice worksheets, demonstrations, experiments, and student presentations of lessons. Participants will plan and implement two standards-based lessons, maintain reflective logs, and submit a Learning Results Portfolio that indicates whether professional development has had an impact on student learning.

Course Objectives:
1. To help teachers better understand the properties of numbers and apply those properties to new situations.
2. To have teachers understand the interrelationships between concepts that will give students a more comprehensive view of mathematics.
3. To teach teachers different approaches to teaching mathematics including but not limited to combining the use of language with mathematics.
4. To provide strategies on how to accommodate English Language Learners in understanding mathematical concepts or skills.
5. To provide teachers with techniques in communicating their work.
6. To provide teachers with techniques that will lead students to think 'outside the box' when problem solving.
7. To help teachers understand the concept of reflection to improve their teaching.

The Learning Results Portfolio will reflect an expanded knowledge base of the participants as demonstrated by pre- and post-evaluations and completed assignments that show evidence of their understanding of the concepts. It will include:
• two standards-based lesson plans adapted for English Language Learners,
• teacher’s reflection on the implementation of the lesson plans and accommodation strategies with regards to English Language Learners,
• six examples of student work with captions for each lesson plan, and
• a daily log of reflections.

ABOUT THE INSTRUCTOR

Edwin Ginoza has a BA in chemistry, minors in physics and mathematics, and an MA in Education and 30+ years of teaching experience. He has won numerous awards in teaching including State Teacher of the Year in 1988 and Disney’s American Teacher Award.