

Program Director:

Dr. R. Wayne Stewart, Professor, and Dean of Education

OPSU Faculty:

Dr. Pauline Hodges, Adjunct Professor

Mr. Jerry Mihelic, Assistant Professor, Education Dept.

Ms. Jana Peterson, Assistant Professor, Mathematics Dept.

Ms. Shawna Lyle, Assistant Professor, Mathematics Dept.

Ms. Elaina Stewart, Assistant Professor, McKee Library

Teacher Consultants:

Ms. Nancy Roberts, Yarbrough Schools

Mr. David O'Sullivan, Guymon Schools

Organizational and Clerical Assistance:

Maggie Cline, Secretary to the Dean of Education

OPSU faculty, aided by area Master Teachers, will present the 2009 seminar with a focus of addressing the particular diverse population of the area schools and providing information for teachers on how to provide equitable opportunities in mathematics instruction for all students.

Professional development strategies, specific workshop activities, and participant findings will be shared with other Oklahoma school districts.

HELPING STUDENTS of diverse backgrounds and economic status to gain a high-quality education in mathematics

OBJECTIVES OF THE WORKSHOP:

Seminar Participants will

develop higher-level knowledge of math content.

identify troublesome mathematics vocabulary as it applies to mathematical concepts, and develop strategies to help all students assimilate new vocabulary.

develop strategies for teaching reading comprehension of math problems as they relate to equity issues.

develop strategies for providing equity in mathematics instruction for all students.

create assessment instruments to measure the increase of student mathematical knowledge.

analyze student achievement data and increase their reflective practices to improve instructional strategies that address equity issues.

develop presentations and learning centers using technology to communicate mathematical concepts in their classrooms that they will share with peers.

Students of the Participating Teachers will

show improvement in their ability to comprehend mathematical concepts appropriate to their grade level as measured by a teacher made pre-post test.



Oklahoma Panhandle State University

Application Form must be received by:
APRIL 3, 2009

Math-ESE 4-ALL Workshop
SCHOOL OF EDUCATION
BOX 430
GOODWELL, OK 73939

580-349-1406

E-MAIL: rwstewart@opsu.edu

CONTACT THE OPSU SCHOOL OF EDUCATION FOR ADDITIONAL APPLICATION FORMS

**OKLAHOMA
PANHANDLE STATE
UNIVERSITY
PRESENTS**

A workshop for Oklahoma teachers funded through a grant from the

**Oklahoma State Regents
for Higher Education**

No Child Left Behind Act of 2001



MATH-ESE 4 ALL

**Promoting Equity &
Excellence in Mathematics**

May 26 – 30 and June 6, 2009
Follow-up Sessions will be Nov. 7 and Nov. 14
Oklahoma Panhandle State University

OPSU SCHOOL OF EDUCATION

**Preparing effective teachers who are
Competent, Caring, and Committed!**

Math-ESE 4 All Schedule



TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SATURDAY
MAY 26	MAY 27	MAY 28	MAY 29	MAY 30	JUNE 6
9:00-10:00	9:00-10:30	9:00-12:00	9:00-12:00	9:00-10:00	9:00-12:00
Orientation and Presentation of Workshop Goals, Objectives and Participants' Responsibilities	Dictionaries & orientation to other online math information	ESL DVDs (Raising the Literacy Achievement of ESL/ELL students) and Discussion	<u>MAKE AND TAKE</u> Fractions (Cohort groups)	Library Visit	Participants' Presentation of Their Proposed Math Lesson including Learning Centers, Pre/Post Test, etc.
10:00-12:00	10:30 - 12:00			10:00-12:00	
PRE-TEST State Evaluation	Reading Vocabulary and Comprehension			<u>MAKE AND TAKE</u> Participant's Math Choice	
12:00—1:00 PM LUNCH					
1:00-2:00	1:00 - 2:45	1:00-3:00	1:00-3:30	1:00-3:30	1:00-3:30
Computer and Document Camera Orientation	FAT City DVD and discussion	Fractions	<u>MAKE AND TAKE</u> Fractions (continued)	<u>MAKE AND TAKE</u> Participant's Math Choice	Participants' Presentation of Their Proposed Math Lesson including Learning Centers, Pre/Post Test, etc. (continued)
2:00-4:30	2:45-4:30	3:00-4:30	3:30-4:30		
Dyslexia / Dyscalculia	Education & Math Adapting mathematics instruction for all learners	Virtual Manipulatives and Smart Board Use	POST-TEST		
4:30-5:00				3:30-4:00	
Evaluation & Journaling				Evaluation & Journaling	