



TEACHER QUALITY Grant 2012-14
“Fostering Mathematical Thinking in Middle Schools”
Recruitment for Year 2



Our Teacher Quality project is extended for another year for the following schools: Bill Sybert MS, Borrego ES, Canutillo MS, Garcia Enriquez MS, Hornedo MS, Lincoln MS, Montwood MS, Morehead MS, and La Fe MS. Mathematics teachers from any of these middle schools are encouraged to apply to the join for 2013-2014, especially teachers who match any of the following criteria:

- a) teach out of field,
- b) are working toward their certification, or
- c) have less than 24 hours of mathematics coursework

PROGRAM GOALS

- Increase the number of middle-school teachers who teach mathematics in a manner to improve their students’ mathematical thinking and conceptual understanding
- Strengthen middle school teachers’ content and content pedagogical knowledge
- Increase student achievement in mathematics
- Create professional learning communities to enhance the teaching profession of math teachers

PROGRAM REQUIREMENTS

A. Teacher participants will attend the following activities:

1. Orientation meeting (tentatively on May 15, 5:00pm-8:00pm)
2. Summer-2013
Topic: **Proportional & Algebraic Reasoning and Use of Technology**
Instructor: Dr. Kien Lim
Dates: June 17 – July 3 (12 sessions)
Time: 3:00 – 7:30pm (meals will be served)
Venue: To be announced
3. Academic Year 2012-13
Topic: **Algebraic Reasoning and Problem-Based Learning**
Instructor: Dr. Mourat Tchoshanov
Time & Venue: To be announced

B. Teacher participants will participate in the following activities as part of the program evaluation:

1. Take pre-and-post assessments, surveys, and concept maps.
2. Allow classroom teaching of mathematics be observed.
3. Submit their STAARS-2012, 2013, and 2014 scores.

Data are for kept confidential and will not be shared. Only aggregate data are reported to the grant agency.

BENEFITS

Participants will receive:

- Professional development credits of 6 hours
- Each workshop can be taken as a 3-hour credit graduate course that counts towards a Master’s Degree with specialization in Math Education <http://coe.utep.edu/ted/index.php/academic-programs/graduate>
- A stipend of \$600 and travel allowances for the completion of each of the two workshop sequences
- A tablet, texts, and instructional materials

The program is limited to 25 participants.
Submit your application by April 15 to:
Ms. Ginger Wells, TQ Project Coordinator, vjwells@utep.edu