



Transforming East Alabama Mathematics

The East Alabama Partnership for the Improvement of Mathematics Education

Sixth Annual TEAM-Math Partnership Conference
Kellogg Conference Center
Tuskegee University
September 11 - 12, 2009

Breakout Sessions: Exemplary Teaching Practices

Friday, September 11, 3:55PM – 5:10PM

- **Title:** *Graphing Calculators in the Elementary Classroom*
Facilitator: Pamela Norris, K–3 Math Specialist, and Kristy Mann, 4-12 Math Specialist, Alabama Math Science Technology Initiative, Auburn University Site, Auburn, AL.
Location: Ballroom A

Abstract: Participants will be given the opportunity to explore the use of TI-73 graphing calculators as a technology tool. Hands-on activities will demonstrate ways to enhance instruction through integration. The affect graphing calculators have on students' conceptual understanding and critical thinking in the elementary classroom will also be examined.

- **Title:** *Do You Feel Lucky Today?*
Facilitators: (1) Gayle Holladay, Opelika Middle School, Opelika, AL, (2) Ann Stuedeman, Southside Middle School, Tallassee, AL and (3) Anna Wright, Auburn Junior High School, Auburn, AL
Location: Meeting Room D-E

Abstract: Analyzing Games of Chance: Join us for a fun session where you will make the connection for math concepts throughout the 6-8 grade band and the importance of developing the skills at the appropriate level. Come ready to play the game and roll the dice.

- **Title:** *The Stately Neighbors*
Facilitators: Jehanara Ali and Ellen Tolbert, Booker T. Washington High School, Tuskegee, AL
Location: Meeting Room C

Abstract: The States of the US is a lesson that involves statistical values and graphs. Students determine the neighbors of each of the fifty states and use this data in Fathom Dynamic Data Software to construct bar graphs, histograms and dot plots. They determine mean, median, and mode. They also determine the three quartiles, the range and the inter-quartile range. In this activity they determine the letters that are at the beginning of state names, the maximum number of neighbors any of the states have, etc.

