

Overview of Sessions  
KCATM Annual Conference  
October 28, 2017

**Keynote: Making Connections with Diverse Populations**

**General Sessions** – Appropriate for all grade levels:

- Calculation with Beautiful Graphics
- Reframing Problems: The Key to Innovation, Imagination, and Interest
- Marshmallows and Toothpicks for Geometric Understanding
- Are Our Elections Fair?
- Becoming a Google Certified Educator
- Maximizing Math Learning for Every Child Every Day

**Primary Sessions** – Appropriate for grades P-2

- Developing Conceptual Measurement Skills
- Number Talks and Subitizing (Rekenreks, Dot Images, Number Sense)
- Playful Math in the Early Grades
- Be a Math Specialist
- Math Skills and Concepts with Picture Books
- Using Technology to Visualize Math Concepts for ELLs

**Intermediate Sessions** – Appropriate for grades 3-5

- Millions, Billions, and Double Trouble
- Number Talks and Subitizing (Rekenreks, Dot Images, Number Sense)
- Differentiating Lesson Plans and Instruction
- Exploring Operations with Fractions
- Exploring Probability and Data Analysis in the Elementary Classroom
- Differentiated Instruction: A Success Story of a Special Education Teacher
- Be a Math Specialist
- Using Technology to Visualize Math Concepts for ELLs

**Secondary Sessions** – Appropriate for grades 6-12

- Visual Perception – What Can My Students Not See?
- Games and Puzzles Connected to Math in Order to Meet Some Common Core Standards
- Six in One: Strategies to Make Math Fun
- Tricks and Intriguing Math Topics to Capture Your Audience
- Differentiating Lesson Plans and Instruction
- Pandemic Preparedness
- Spurring Students' Desire to Learn Math
- The Math Archaeologist
- Huge Construction in Geometry