

Issues and Challenges in K-12 Mathematics Education



Curriculum

- Reform vs. Traditional Mathematics
- National Standards
- State Standards
- No Child Left Behind
- The Math Wars



Instruction

- Teacher Shortage
- Learning Styles
- Manipulatives
- Calculators
- Basic Skills vs. Reasoning
- Beliefs About Mathematics



Assessment

- How Much
- Preparing for High Stakes Tests



Professional Development for Teachers

- No Silver Bullet
- Ongoing and Focused
- One-Shot Opportunities
- Higher Education Partnerships



