

# Views from the Field

A young child with light-colored hair is shown in profile, blowing bubbles. The background is a soft, out-of-focus green. The child's face is lit up with a smile, and several bubbles are visible in the air around them.

**NCAMTE**

*May 21, 2008*

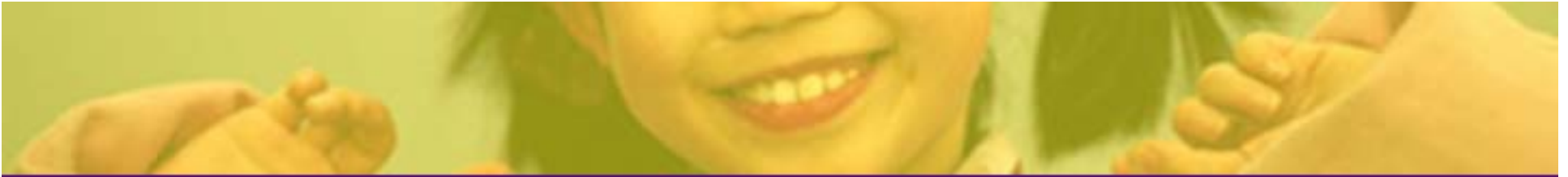
*Michael Elder*

*Tery Gunter*

*Linda S. Hallenbeck*

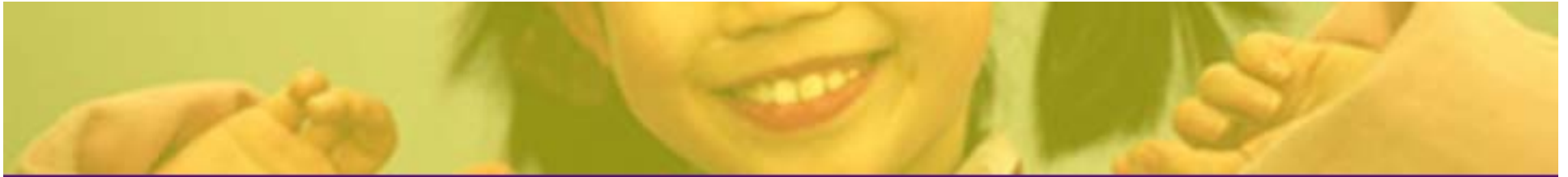
*Carol Midgett*

*Julie Kern Schwerdtfeger*



# Topics

- Content
- Pedagogy
- Assessment
- Technology
- Policy and Leadership



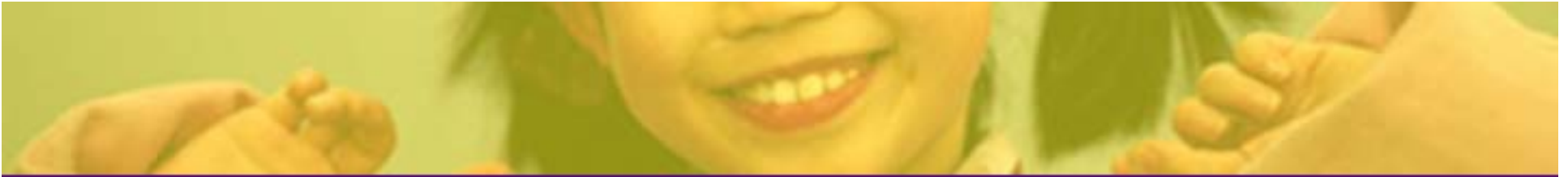
# Content

- Deep understanding of number and number relationships
- Understanding connections among math strands
- Trajectories of learning



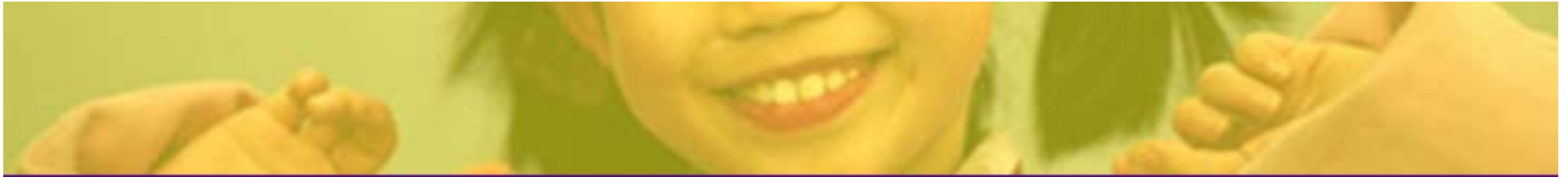
# Pedagogy

- Task selection and instructional planning
- Multiple strategies for teaching mathematics
- Ability to access, understand, and extend student thinking



# Assessment

- Understand assessment tools and processes
- Collect and use evidence of teaching and learning
- Know how to engage teachers in discussions about teaching and learning



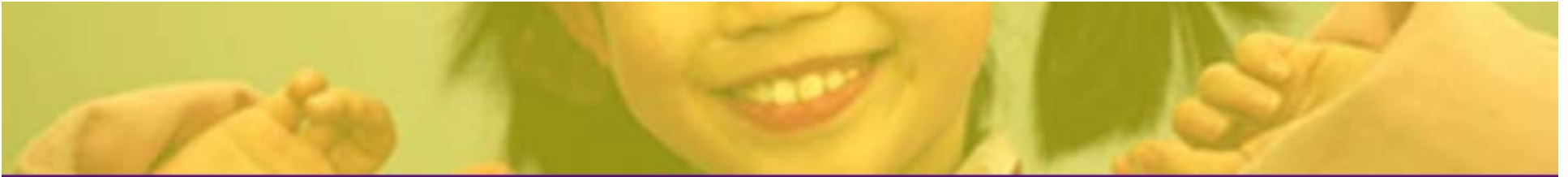
# Technology

- Infrastructure to support networking
- Efficient data collection tools
- Intuitive design



# Policy and Leadership

- Understanding and working with policy and policy makers
- Advocate for teaching mathematics
- Making sense of standards and tests
- Working with adults
- Understanding of change and how it happens
- Cognitive Coaching



# Questions

- What other perspective can we offer from the field?