NCTM Delegate Assembly Update

Linda Gojak, President
National Council of Teachers of Mathematics

John Carroll University
Cleveland, Ohio

NCTM Delegate Assembly
NCTM 2014 Annual Meeting & Exposition
New Orleans
NCTM Mission Statement

NCTM is the public voice of mathematics education, supporting teachers to ensure equitable mathematics learning of the highest quality for all students through vision, leadership, professional development, and research.
NCTM Foundational Priorities

- Access and Equity
- Advocacy
- Curriculum, Instruction, and Assessment
- Professional Development
- Research
- Technology
Agenda

- Greetings from the NCTM Board of Directors
- Report on Major Initiatives
- 2013 Resolutions
- NCTM Affiliate Leadership Circle: Continuing Members and New Members
- Presentation of Charter to New Affiliates
- Presentation of Affiliate Publication Award
Board of Directors
2013-2014

- Linda Gojak
  President
- Diane Briars
  President Elect
- Bob Doucette
  Executive Director
- Dane Camp
- Robert Berry III
- Mark Ellis
- Latrenda Knighten
- Margaret (Peg) Cagle
- Karen Graham
- Gladis Kersaint
- Jonathan (Jon) Wray
- Florence Glanfield
- Ruth Harbin Miles
- Jane Porath
- Rose Mary Zbiek
Board of Directors
2014-2015

• Diane Briars
  President
• Linda Gojak
  Past President
• Bob Doucette
  Executive Director
• Margaret (Peg) Cagle
• Karen Graham
• Gladis Kersaint
• Jonathan (Jon) Wray

• Florence Glanfield
• Ruth Harbin Miles
• Jane Porath
• Rose Mary Zbiek

• Jennifer Bay Williams
• Paul Kelley
• Cathy Martin
• Trena Wilkerson
Major Initiatives

- NCTM Board Strategic Planning

- *Principles to Actions: Ensuring Mathematical Success for All*

- Common Core State Standards Resources
Major Initiatives

Principles to Actions: Ensuring Mathematical Success for All
Principles to Actions: Ensuring Mathematical Success for All

• The principles and actions, including specific teaching practices, that are essential for a high-quality mathematics education for all students

• What it will take to turn the opportunity of the Common Core into reality in every classroom, school, and district
Principles to Actions: Ensuring Mathematical Success for All

- Describes the **supportive conditions, structures, and policies required** to give all students the power of mathematics.
- Focuses on **teaching and learning**
- Engages students in **mathematical thinking**
- How to ensure that mathematics achievement is maximized **for every student**
- It’s not specific to any standards; **it’s universal**
Major Initiatives

Common Core State Standards Resources

- Publications - NCTM and co-publications
  - Making It Happen
  - Administrator’s Guide
  - Common Core Mathematics in a PLC at Work (with Solution Tree)
  - www.nctm.org/ccssmresources
- Mathematics Common Core Coalition: mathccc.org
Common Core Resources

nctm.org/ccssmresources
Common Core Resources

nctm.org/ccssmresources
Common Core Resources

- Implementing the Common Core State Standards through Mathematical Problem Solving, Grades K-2, 3-5, 6-8
- Implementing the Common Core State Standards through Mathematical Problem Solving, Grades 6-8

nctm.org/ccssmresources
Supporting Teachers

Uncomplicating Fractions to Meet Common Core Standards in Math, K–7

High-Yield Routines

Multiplication and Division into Practice

NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS
Recent Publications

• Annual Perspectives in Mathematics Education 2014: Using Research to Improve Instruction
Recent Publications

- Success from the Start: Your First Years Teaching Elementary Mathematics
- Success from the Start: Your First Years Teaching Secondary Mathematics
Recent Publications

- The Elementary Mathematics Specialist’s Handbook
Recent Publications

- 5 Practices for Orchestrating Task-Based Discussions in Science
Recent Publications

• Recipes You Can Count On
  (MET Cookbook)
Interactive Institutes

February 2014 Interactive Institutes

• Cutting to the Common Core for PK-12 Teachers and School Leaders

• Cutting to the Common Core for Grades 9-12

• Cutting to the Common Core for Grades PK-5

• Cutting to the Common Core for School Leaders
2014 Interactive Institutes

Algebra Readiness for Every Student, Grades 6-8 (July 7-9, San Diego)

• Connecting Number and Operations in the Classroom, Grades PK-5 (July 10-12, San Diego)

• Engaging Students in Learning: Mathematical Practices and Process Standards, Grades 9-12 (July 31- August 2, Chicago)
NCTM Regional Conferences

- **Indianapolis**
  October 29-31, 2014
- **Richmond**
  November 12-14, 2014
- **Houston**
  November 19-21, 2014
Linking Research and Practice
Outstanding Publication Award

Developing Quantitative Mental Imagery

*Teaching Children Mathematics, October 2012*

Jonathan N. Thomas
Pamela D. Tabor
Launching Complex Tasks

Mathematics Teaching in the Middle School, August 2012

Kara J. Jackson
Emily C. Shahan
Lynsey K. Gibbons
Paul A. Cobb
Connecting Research to Teaching:
Reasoning about Quantities That
Change Together

Mathematics Teacher, May 2013

Heather Lynn Johnson
• Linking Research and Practice

• nctm.org/clipsandbriefs

• BuzzHub presentations
Position Statements
http://www.nctm.org/about/

- Supporting the Common Core State Standards for Mathematics
- Formative Assessment
- Mathematics in Early Childhood Learning
- Teaching Mathematics to English Language Learners
- Preparing Pre-K–12 Teachers of Statistics
- Teacher Mentorship
Advocacy and Outreach

- NCTM Legislative Platform for the 113th Congress
- Mathematics Common Core Coalition
- NCTM Staff Co-chair of STEM Education Coalition
- NCTM Staff on House STEM Caucus Steering Committee