

2015 Keynote Speakers

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OPENING KEYNOTE

Wednesday, April 15, 5:30pm - 7:00pm



ELIZABETH GREEN

Author and cofounder, CEO, and editor-in-chief of Chalkbeat

How can we make every teacher a “star” teacher? Elizabeth Green’s *New York Times* best-selling book *Building a Better Teacher: How Teaching Works (and How to Teach It to Everyone)* presents teaching as a complex skill—one that requires infrastructure for support and training. *Chalkbeat* is a nonprofit news organization that covers educational change efforts across the country.

CLOSING KEYNOTE

Saturday, April 18, 12:30pm - 1:30pm



MIKE NORTH

Host / Producer, Discovery Channel

Dr. North is involved in all aspects of today’s technological charge from inventing new materials and technologies in a cleanroom to creating cutting-edge prototypes on Discovery Channel’s *Prototype This!* A master of the “nano” world, Mike earned a PhD and Masters in Materials Science and Engineering, as well as graduating summa cum laude in Mechanical Engineering, from UC Santa Barbara.

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features

336 Constructing Meaning: Standards for Mathematical Practice

*Sarah K. Bleiler, Wesley A. Baxter,
D. Christopher Stephens,
and Angela T. Barlow*

Teachers' insights could inspire further discussion about interpreting the SMPs.

346 Three Strategies for Opening Curriculum Spaces

*Corey Drake, Tonia J. Land,
Tonya Gau Bartell, Julia M. Aguirre,
Mary O. Foote, Amy Roth McDuffie,
and Erin E. Turner*

Make these small adjustments to your syllabus and watch spaces open to connect to children's multiple mathematical knowledge bases.

354 The Story of Kyle

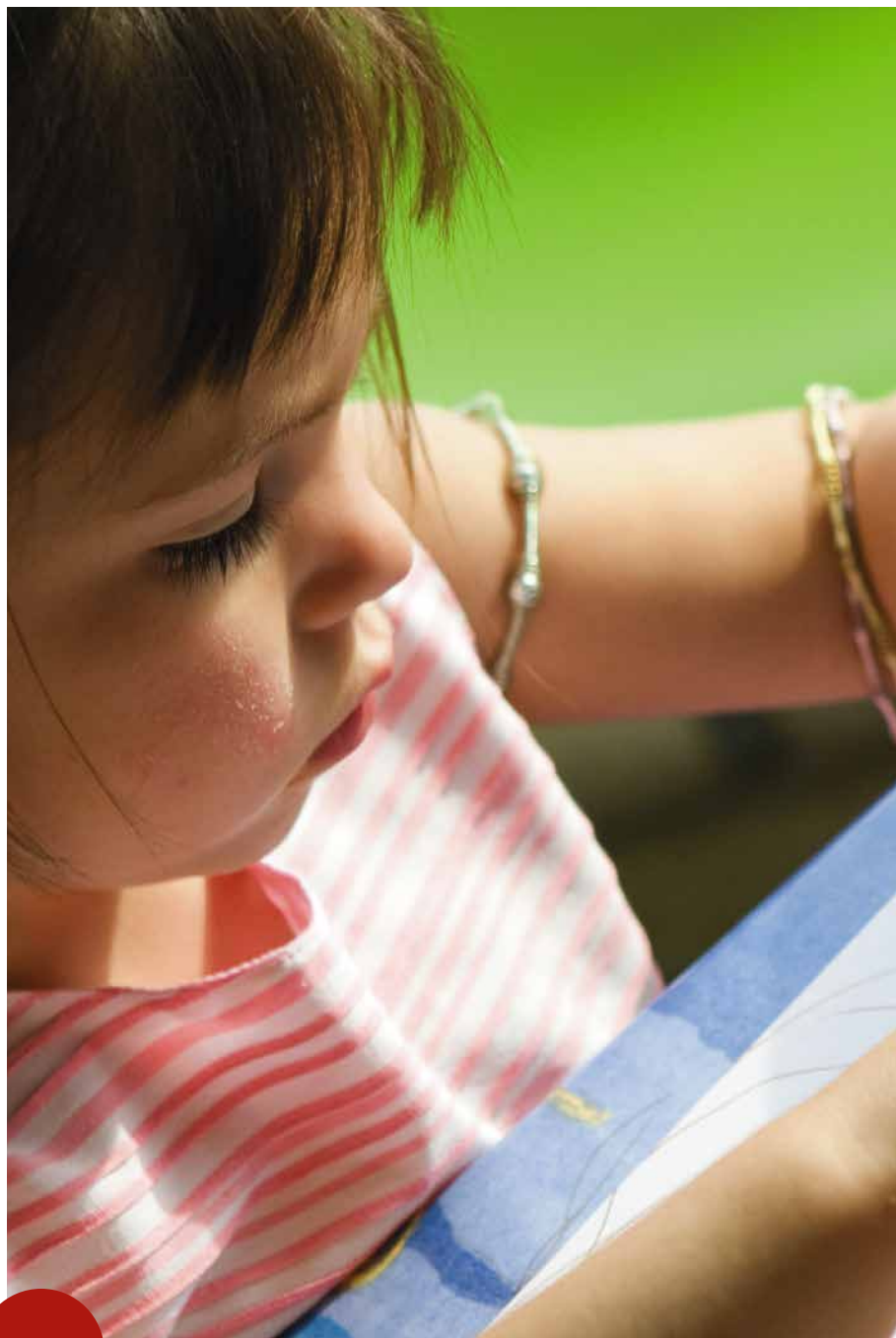
*Nancy I. Dyson, Nancy C. Jordan,
and Brenna L. Hassinger-Das*

Positioned for future success: Evidence-based number sense interventions (NSI) can help kindergartners link their nonverbal understanding of quantities to the symbolic representations of number, number relations, and number operations.

362 Count on It: Congruent Manipulative Displays

Joe Morin and Vicki M. Samelson

Identify and avoid the risks involved in using representations, and use these suggestions to scaffold conceptual congruence.



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NIKOLAY SUSLOV/THINKSTOCK

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Always, sometimes, never true



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more4U

Additional task cards for the Postscript department, **p. 384**



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Hot Topics

in the next issue

+ Geometric tiling is a rich topic for open-ended mathematical exploration, allowing students to develop mathematical practices and concepts. The mathematical aesthetics of tiling can be motivating for students as well as a guiding force for fruitful mathematical inquiry. Be sure to read the March cover story, "I Don't Really Know How I Did That!" by R. Scott Eberle.