



# Professional Development Webinars

## Bringing Expressions and Equations to Life

Fall 2017

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# Moderator Bio



## **Mike Houston**

**T<sup>3</sup> National Instructor  
Riverside High School  
Ellwood City, PA**

Mike is in his twelfth year of teaching high school mathematics in Ellwood City, PA. While participating in a TI-Navigator™ Fast-Track in 2007, he learned how technology can effectively cultivate students' wide range of learning styles. During this time, Mike has served as a T<sup>3</sup> National Instructor and a contributing author for MathForward™.

# Panelists' Bios



**Katie England**

**T<sup>3</sup> National Instructor**

**Westminster, MD**

Kathleen (Katie) England works in Montgomery County Public Schools and is an adjunct with McDaniel College and Hood College in Maryland. She has taught a wide variety of mathematics courses, served in a supervisory capacity for secondary mathematics teachers at the district level, works with the Maryland State Department of Education on state-wide mathematics initiatives, and with EQUIP - a national review panel for quality lessons aligned to CCSS.



**Michelle Rinehart**

**T<sup>3</sup> Regional Instructor**

**Fort Davis, TX**

Born and raised in rural Ontario, Canada, Michelle studied mathematics, physics, and education before moving to Texas. Michelle has taught high school math and science at rural districts in Texas, while also working as a math and science consultant throughout the state. Her interests include technology integration, conceptual understanding, and curriculum and instruction.

# Agenda

- Welcome & introductions
- Looking at structure in expressions
- Connecting to discourse strategies
- Connecting to technology
- Extending to structure in equations, discourse, and technology
- Online Resources
- **Win registration for two to the 2018 T<sup>3</sup>™ International Conference**  
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 TEXAS INSTRUMENTS

# Expected Outcomes

- **Writing** expressions in equivalent forms to build foundations for writing and solving equations
- **Reasoning** about the structure of expressions within linear equations and making strategic choices to solve them
- **Facilitating** meaningful mathematical discourse so that students develop confidence and flexibility when using expressions and equations



2018 T<sup>3</sup>™ International Conference

March 2—4, 2018, San Antonio, Texas

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Students engaged.

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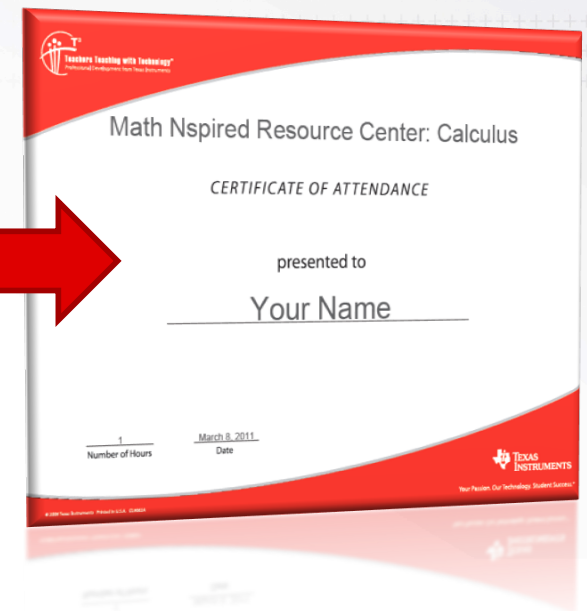


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