



Professional Development Webinars

Coding in the Classroom for Comprehension and Contextual Learning

Fall 2019

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Moderator Bio



Mike Houston

T³ National Instructor

Ellwood City, PA

Mike is in his fifteenth 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 T³ National Instructor and a contributing author for MathForward™.

Panelists' Bios



Ann Schlemper

T³ Regional Instructor

Columbia, MO

Ann is certified to teach grades 6-12 and has a PhD in mathematics education. Ann has been a T³ regional instructor for 15 years. Currently, Ann's interests lie in the area of STEM/STEAM, although her love will always be fractions. She has two children. Her daughter, Cayley, (Named after the mathematician Sir Arthur Cayley) is a freshmen art major in college. Her son, Isaac, (named after Sir Isaac Newton) is a sophomore in high school interested in engineering.



Kara Leaman

T³ Regional Instructor

Tolono, IL

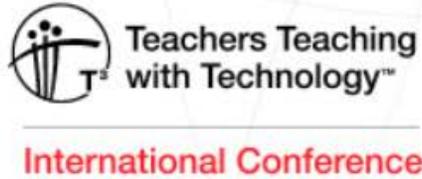
Kara has been teaching mathematics at the high school level for 25 years. She currently teaches Algebra 2 and Calculus, and enjoys every opportunity to incorporate technology into her lesson plans. Also a track and cross country coach, Kara has a special interest in applying mathematics to sports. She enjoys working with teachers to explore ways technology can help buy deeper conceptual understanding for students.

Agenda

- Welcome & introductions
- Writing programs on the TI-84 Plus CE
- Premade program written to apply simple programming knowledge
- Model an application to graphic design
- Model how to use TI-Connect™ Software to write and transfer to and from the TI-84 Plus CE to a computer
- Webinar drawing

Expected Outcomes

- Explore ways to get your students using simple coding to assess their knowledge of function behavior.
- Write programs that could be used in Algebra, PreCalculus, and Calculus.
- Explore ways to apply this knowledge.
- Learn programming shortcuts with the TI-84 CE and TI-Connect™ Software.



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Math Nspired Resource Center: Calculus

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1
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March 8, 2011
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