



# Professional Development Webinars

## A Remote Possibility: Coding in a Virtual World

Spring 2021

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# Moderator Bio



**Mike Houston**

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

**Ellwood City, PA**

Mike is in his sixteenth 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. Mike is also the coauthor of: *On the Money: Mathematics Activities to Build Financial Literacy Grades K-5*.

# Panelists' Bios



**Paul Alves**

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

**Brampton, ON**

Paul is the department head of math and computer science at North Park SS, just outside Toronto, in lovely Ontario. Paul just completed his 2nd term as President of the Ontario Association for Mathematics Education. He is currently pursuing his masters in the socio-cultural context of mathematics education. Paul has presented at local and national conferences and has been a T<sup>3</sup> National Instructor since the year the first iPhone was introduced. Paul is an avid user of technology in the classroom and is especially interested in exploring coding as a vehicle to improve mathematical literacy.



**Tom Steinke**

**Educational Technology  
Consultant,  
Texas Instruments**

**Ottawa, CA**

Tom grew up in Toronto attending a music school, then became an engineer, and finally found his passion in teaching and learning mathematics. For 28 years he served as a teacher, department head, math consultant, T<sup>3</sup> Instructor, and now as the TI Educational Technology Consultant for Canada. He loves how the T<sup>3</sup> community and TI technology has been a continuous source of inspiration and growth in his professional practice.

# Agenda

- Welcome & introductions
- Review the origin story for our online learning journey.
- Review the design and implementation of coding activities for online learning.
- Review strategies and our own learning after delivering online coding workshops.
- Webinar drawing

## Expected Outcomes

I can plan and deliver online remote learning for a range of learners for coding and physical computing.

I can use strategies to engage students and optimize student learning online.



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