Presenter
Andrew Stadel

Description of Services

GOAL: Maximize Effective Math Instruction by Crafting A Powerful Tool Belt

HOW we accomplish our goal:
In a series of interactive and engaging sessions (or keynote), the presenter will provide educators with opportunities to learn instructional strategies in implementing problem-solving tasks, strengthen number sense, and explore tools that support the mathematical thinking of diverse student populations.

WHAT we use to accomplish our goal:

Problem-Solving Tasks
If we expect our students to be problem-solvers, then we instructional leaders need to be problem-solvers. Participants will work on rich, applicable, and grade-level problem-solving tasks while learning instructional strategies.

Number Sense
Increasing student number sense by using numbers to make sense of our world is important to their success in mathematics. We will use readymade class activities to focus on magnitude, modeling with math, and student thinking.

Student Thinking
Student thinking and discourse are free and often untapped resources in math classrooms. Participants will engage in activities that use student thinking to help drive instruction and student discourse to better understand mathematics.

Technology
Technology can efficiently capture student thinking as a formative assessment assistant. Whether your are 1:1 or BYOD, the presenter will work with teachers to meaningfully integrate technology and math activities into their classroom.

Practicality and Accessibility
Problem-solving tasks, number sense activities, and technology can be daunting for both teachers and students. The presenter has daily resources and strategies to build teacher confidence and scaffold the learning for students.

References
Found here.