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## Navigating the Tides of Technology in a Mathematics Classroom

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**Cindy S. York**, Northern Illinois University, [cindy.york@gmail.com](mailto:cindy.york@gmail.com)

**Angie Hodge**, Northern Arizona University, [angie.hodge@nau.edu](mailto:angie.hodge@nau.edu)

Teaching mathematics can be overwhelming to new and seasoned teachers alike, and can be especially true when they are being asked to also incorporate technology into their classrooms. How can we, as mathematics educators, prevent mathematics teachers from being overwhelmed by all of the technology options (or the technologies they are required to use in their classrooms)? In this session, we brainstormed ideas and examine the pedagogies behind technology integration in mathematics classes. We guided the audience through some of the first steps to finding free/available technologies that are useful in the mathematics classroom, but we also invite others to share what they use (and bring questions on how to use their current technologies in more engaging ways). We also discussed ways to teach our teachers to incorporate useful and interactive video into mathematics classes to promote engagement, understanding, and motivation. We hoped that this session would reach a wide audience so that we can promote engaging math + technology pedagogies in the classroom.

**Watch the presentation:** <https://youtu.be/1ENMIVY8jU>

**Discussion questions:**

- Discuss ways to teach our teachers to incorporate useful and interactive video into mathematics classes to promote engagement, understanding, and motivation.
- What technologies have you used in your classroom? How are you defining use? Are you putting the technology in the hands of the students?
- How have you overcome some of the challenges we listed?