

iPads = iReflect

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iPads to the rescue to help with Preservice Reflection

- Pretest/Posttest
 - Give students a problem to explain on camera in private as a pre-test
 - Have them explain a problem as if they are teaching a student who is just starting to understand concept.
 - Upload the videos to YouTube, create a channel for each class.
 - Have student do same video as post-test and reflect on their understanding, explanation and growth.
 - Thanheiser, E., Philipp, R., Fasteen, J., Strand, K., & Mills, B. (2013). Preservice-Teacher Interviews: A Tool for Motivating Mathematics Learning. *Mathematics Teacher Educator*, 1(2), 137-147. doi:10.5951/mathteaceduc.1.2.0137
- Power of the camera
 - Pictures of work in class
 - Pictures of manipulatives in class
 - Use Apple TV to project student ideas and work to whole class for rich discussion.
- Video Explanations
 - Apps:
 - Educreations
 - ShowMe
 - Explain Everything
 - Whiteboard
 - All used to have students send explanations to professor and for professor to send explanations to students.
 - Students create station videos for students as mini-flips
 - Mathematical Task explanations through video vs paper to really get at what Standards of Mathematical Practice PTs are understanding and demonstrating.
- Apps for the field
 - Common Core Look 4s
 - Notability
- Evaluations of resources
 - App of the week, PTs bring an app for us all to try and we evaluate its use in the classroom. We decide what level of understanding and development the app addresses. We also discuss how it should be uses with students.
- Others useful Apps to try:
 - Evernote
 - Spashtop
 - Socrative
 - Stop Motion