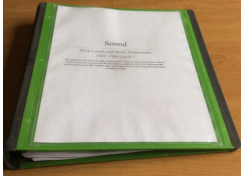


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iMovie



What I did as a part of my 1to1 iPad course

As a part of my Science Methods course service-learning component, I had my preservice teachers create an iMovie to document their experiences teaching STEM focused lessons to Kindergarten through 2nd graders.

Why I did it

The traditional final science unit assignment representing objectives, lessons, assessment and student work seemed static and disconnected from the engaging, discovery focused teaching and learning that my preservice teachers and I experienced over a period of four weeks each semester.

What was the result?

My preservice teachers came to a better understanding of what their students were learning through the evidence they collected via the iPad. They were communicating and thinking about their student understanding in ways far more deeply than ever before. Watching the videotaped misconception interview became invaluable as the preservice teachers planned their lessons and engineering design challenge for their students.

My preservice teachers were creating a final ‘electronic reflection’ through the production of an iMovie. As a result of this process some preservice teachers even discovered new science standards they had addressed during their instruction that they hadn’t initially planned for in their lesson planning. The completed iMovie presentation also helped the preservice teachers reflect and evaluate on what happened in an effort to improve their science instruction. Finally, viewing each groups’ final iMovie project together as a class on the last day provided an unexpected impact for each of us. It provided additional opportunities for the preservice teachers to see how other science topics could be introduced at the early childhood level. They were building and sharing on what others had done. It was a beautiful way to celebrate our hard work.



Squishy Circuits

The flow of electricity: insulators and conductors
2nd grader, Wetherbee Elementary
Spring, 2015