Math Ed Candidate Talk

Students' Ownership of Their Learning and Their Mathematics

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Abstract: When the students in one of my classes got enthusiastic about a worksheet and started creating new mathematics problems, it made me reflect on what was happening. What consequences would this process have on the students' learning, if any? What was it, from the material or course structure, that inspired the students to be in control of their mathematics? This talk will explore what it means for students to own their learning, but also to get a sense of ownership about mathematics. We will examine the effects on students' motivation and achievement and how it could support diversity. Finally, I will give specific examples of tasks to provide students with learning and mathematics ownership, including tools that I am using in my linear algebra class this semester.

Thursday, January 30 at 3:30 P.M. in ANSC 119 with refreshments at 3:00 P.M.