

1056-97-13

Charles Adam Feldhaus*, 4048 Alwood Ln, Groveport, OH 43125. *What are they thinking?
Examining the mathematical disposition of preservice elementary teachers.*

With an ever-increasing emphasis on mathematics education in the early grades, it becomes important to ask what elementary school teachers think of mathematics. The National Research Council (2000) has established a link between students' mathematical proficiency and their disposition toward mathematics, and Ma (1999) links the teachers' mathematical disposition to the mathematical disposition of their students. This paper will examine the mathematical disposition of four preservice elementary teachers and look at some events in the preservice teachers past that were instrumental in forming their present mathematical disposition. (Received April 27, 2009)