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Fourth graders solving equations.

Pateman, Neil A. et al., Proceedings of the 27th Conference of the International Group for the Psychology of Mathematics Education held jointly with the 25th Conference of PME-NA. Vol. 1-4. ,. 137-144 (2003).

We explore how fourth grade (9 to 10 year olds) students can come to understand and use the syntactic rules of algebra on the basis of their understanding about how quantities are interrelated. Our classroom data comes from a longitudinal study with students who participated in weekly Early Algebra activities from grades 2 through 4. We describe the results of our work with the students during the second semester of their fourth grade academic year, during which equations became the focus of our instruction.

Classification: H32 C72 D42