

1056-N1-1800 **Susanna Epp*** (susanna.s.epp@gmail.com), Department of Mathematical Sciences, DePaul University, 2320 N. Kenmore, Chicago, IL 60614. *The Concept of Variable and the Logic of Solving Equations and Inequalities.*

This talk will report on experiences working with prospective and practicing high school and middle school teachers over many years. The focus will be on discussion of materials to help current and future teachers deepen their understanding of the concept of variable and of the logical reasoning that underlies the solution of equations and inequalities. (Received September 22, 2009)