

1086-VR-1195 **Martha H. Byrne*** (mbyrne@math.unm.edu). *Learning To Cooperate - one researcher's experiences building effective cooperative groups with students.* Preliminary report.

Well-designed cooperative work in classrooms can help students develop the skills necessary for successfully functioning on teams or committees post-graduation; however, getting students to work effectively in such groups provides many challenges. In a study exploring how students' proof skills and understanding of proof are affected by working in cooperative groups, the researcher employed varying strategies for fostering group efficacy. Comparisons of the efficacies of different strategies will be discussed. (Received September 19, 2012)