

1135-VV-2555      **Tamas Szabo\*** ([szabot@uww.edu](mailto:szabot@uww.edu)), Tamas Szabo, Whitewater, WI 53190. *The Role of Definitions in Geometry Courses for Prospective Middle and High School Teachers*. Preliminary report.

In a randomized comparative experiment, half of each geometry class was given the task of writing out a key definition on the exams before solving the related problem (usually proofs or constructions). Surprisingly, this did not increase their results on the problems at all. We try to explain why, and suggest corresponding improvements in mathematics teacher preparation. (Received September 26, 2017)