Su Liang*, 5500 University Parkway, San Bernardino, CA 92407. Let Students Talk and Write Their Mathematics Ideas.

Funded by the Teaching Resource Center of our university in 2011, I conducted a course development project that was designed to significantly change the traditional way (lecturing) of teaching Math 301A (the first course of Mathematics for Future Teachers). The goal of the project was to deeply engage students in communicating their mathematics ideas through multiple approaches. The class was structured in such a way so that the teacher minimized her lecture time to give the floor to the students, and students were the ones who talked or wrote their mathematics ideas most of the class time. This course development project has been implemented in three class section in winter 2012 and spring 2012. The students’ feedback has been very positive. (Received September 08, 2012)