Our goal is to provide a significant opportunity for undergraduates to experience first-hand the excitement of teaching mathematics by working directly with teachers and students in K-12 classrooms. This is not a typical student teaching experience, but rather an immersion in teaching that is forming a collaborative community between undergraduates, faculty, and public school teachers and students. We will describe how the students are recruited, placed into classrooms, and their role in working with the teachers. We will also discuss the role of university faculty in collaborating with the school teachers, and how they support and facilitate the program. In addition, we will provide data about the impact of the program on the undergraduates, teachers, and students. (Received September 22, 2005)