

Strengthening Middle School Mathematical Argumentation through Teacher Coaching: Bridging from Professional Development to Classroom Practice

The Technical Education Research Center (TERC) has been awarded a National Science Foundation DRK-12 grant that extends the work of Bridging Professional Development to include coaching and additional math practices. This project extends the work we have done in three previous Bridging projects. The goal of the project is to design the coaching components of the Bridging PD and to investigate the efficacy of the model through a 2-year quasi experimental design with 10 to 15 coaches and 25 teachers.

- Dr. Thomasenia Adams and Dr. Phil Poekert consult 3 to 4 days per year on professional learning for math teachers and coaches, including analysis of secondary data.
- License Flamingo as the platform for coaches in SC to coach. Collect video data for 10 to 15 coaches (for an average of 3 teachers/schools). A coaching specialist will provide consultation related to the conceptualization, development, and facilitation of professional learning experiences for the project's participants (mathematics teachers and coaches).
- Launch and maintain the platform and populate the platform with course content for Bridging coach professional learning and coach-teacher relationships.
- Disseminate work (conference presentation and contributing to publication and annual report).