The IMPACTS program is made possible by the generosity of the Thomas R. Brown Family Foundation. The Brown Foundations are the legacy of the Burr-Brown Corporation, a semiconductor company sold to Texas Instruments in 2000, and Tom Brown, one of its co-founders.

“Thomas R. Brown believed that education and training enhance the ability of individuals to reach their potential and become productive citizens. Supporting math teachers through the type of professional development and training offered by IMPACTS is critical to improving math outcomes and opening opportunities for students in southern Arizona. The Brown Family Foundation is pleased to support teachers seeking to enhance the efficacy of their math instruction and take on greater leadership in mathematics at their school sites and in the community,” said Sarah Smallhouse, President, Thomas R. Brown Foundations.

About the Thomas R. Brown Family Foundation

IMPACTS
Improving Mathematical Problem solving, Acumen, & Confidence for K-5 Teachers and Students

CENTER FOR RECRUITMENT AND RETENTION OF MATHEMATICS TEACHERS

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The IMPACTS Program targets K-5 teachers to help bring about the greatest change in students’ foundational mathematics experiences and improve student outcomes in mathematics.

Elements of the IMPACTS Program:

Site Facilitator Teams
This program provides professional development opportunities for 20 teams, each team has one teacher from grades K-2 and one teacher from grades 3-5 from the same school site. Teams will be recruited from the 127 elementary schools partnered with the CRR to represent geographic diversity, including rural and urban districts. Important to this program is the work that teams will do with their site administrators to develop plans to disseminate curriculum and pedagogy at their schools.

Professional Development Workshops
The teams participate in two of four workshops offered for teachers during the academic year. Workshops have a strong emphasis on numerical literacy and problem solving. Workshop topics are determined by data from partner districts and schools, A2MERIT scores, and professional development and workshop surveys. Through the workshops, facilitators will identify teachers with positive mathematics dispositions for subsequent year participation. These teachers will become Site Facilitator Team members or Teacher Leaders. IMPACTS Teacher Leaders will work with facilitators to present the workshops.

IMPACTS is designed to generate teacher leaders in mathematics while improving teacher and student competence in mathematics.

Summer K-5 Mathematics Institute
A one-week intensive summer institute is provided to the 20 teacher teams who show productive mathematics dispositions, commitment to their schools, and the capacity to become school site mathematics facilitators. The content and pedagogy focus will be deep understanding in number sense, algebra, and fractions.

Teacher Leadership Retreat
A fall leadership retreat is provided to Teacher Leaders comprised of a small number of teacher participants. This retreat will serve to continue professional growth in content and facilitation skills while reinvigorating the teacher leaders to take on greater leadership roles beyond their individual school sites, including the facilitation of CRR school year workshops.

Mathematics Educator Appreciation Day
The teacher teams and teacher leaders will present at CRR’s Mathematics Educator Appreciation Day (MEAD) conference, the largest K-12 mathematics education conference in Arizona.