

LEAP Home

Children's Understanding of Relationships and Project LEAP

Welcome! Dr. Maria Blanton's work, in collaborations with her colleagues at TERC, the University of Wisconsin-Madison, the University of Texas-Austin, the City University of New York, and Tufts University, focuses on two lines of early algebra research: Project LEAP focuses on how an introduction to algebraic concepts and algebraic ways of thinking in the elementary grades might better prepare them for a more formal study of algebra in middle school and beyond; Children's Understanding of Relationships (CUF/CUG) projects focus on developing the cognitive foundations of children's understanding of algebraic concepts as they begin formal schooling in Kindergarten. Blanton and colleagues have found that young children — as early as Kindergarten — can develop relatively sophisticated understandings of core algebraic concepts and even seem to exhibit less of the difficulties that adolescents have with these concepts.

2018 STEM for All Video Showcase

2017 Video Showcase