

## Conference Strands

### Leading from Within

Teachers must see themselves as transformative mathematics education leaders who can facilitate change from within. Change from within explores leadership pathways outside traditional administration roles (e.g., coaching, lesson study facilitation, presenting at conferences, participation in professional organizations). Presentations in this strand will explore ideas, strategies, and areas of leverage to empower teachers to lead from within their respective environments.

### Building Student Agency, Fostering Student Identity, and Promoting Social Change

School cultures play a vital role in ensuring teachers and students see themselves as mathematicians. Impactful school cultures are developed through effective leadership that is transformational, builds upon students' knowledge and culture, and promotes community collaborations with a focus on social change. Presentations in this strand will explore how to build student agency, foster student identity, and promote social change.

### Building Inclusive Classrooms for ALL

ALL students are mathematicians and have abilities and ideas to contribute to the mathematics classroom. The key is developing an environment that builds upon the knowledge and experiences students bring into the classroom. Through understanding one's students, an inclusive environment can be created and maintained. Presentations in this strand will explore strategies and resources for providing access to all students to be successful in mathematics.

### Reimagining Mathematics Instruction

Imagine mathematics as a powerful tool for transforming students' lives. It can help affirm and advance relationships between educators and students, reinvent approaches to learning and collaboration, shrink long-standing equity and accessibility gaps, and adapt learning experiences to meet the needs of all learners. This strand will consider mathematics instruction that incorporates rehumanizing practices: participation/positioning, cultures/histories, windows/mirrors, living practice, creation, broadening mathematics, body/emotions, and ownership. Presentations in this strand will support teachers in developing innovative approaches to the mathematics environment and curriculum that empower all students to engage and advocate for their learning.

### Leveraging the Language of Mathematics

The language of mathematics provides an opportunity for teachers to create access to authentic problem-solving experiences for English language learners. Teachers understand that they should not prevent students from engaging in a high-quality mathematics experience simply as a result of their culturally and linguistically diverse backgrounds. Presentations in this strand will explore leveraging students' culture and language to support and enhance mathematics learning.