Math4ME Logic Model

INPUTS

- Math4ME School Team
- Educators: General and Special
- Teacher of Influence
- Ed Techs
- Administrators
- Distinguished Educator
- MDOE Math Inclusion Specialist
- Math4ME Advisory Panel
- External Evaluators (MEPRI - Garrett Consulting)
- Federal TA Personnel (Mary Watson)
- Maine Parent Federation

ACTIVITIES

- **Train and coach Math4ME School Teams in math content, pedagogy, inclusion, and culture throughout the school year.**
- **Train and coach Math4ME Teacher of Influence (TOI) in math content, pedagogy, inclusion, and culture throughout the school year.**
- **TOIs provide professional learning/PLC supports to whole school staff in math content, pedagogy, inclusion, and culture throughout the school year.**
- **Support and coach Math4ME Schools in caregiver engagement opportunities throughout the school year.**

GOALS

Short

- Increased knowledge of fundamental and advanced concepts in math content, pedagogy, inclusion, and culture for the Math4ME School Team and TOIs.
  TLS (Teacher Learning Survey)
- Increased knowledge and/or confidence of TOIs to support educators around mathematical content, pedagogy, inclusion, and culture.
  Training Evaluations
  Focus Groups
  Educator Survey
  Coaching log
- Families of students with IEPs report greater awareness of effective math practices for their children
  Family/Caregiver Survey
- Educators report increased confidence teaching mathematics.
  Educator Survey

Medium

- Increased number of elementary students with disabilities exposed to research-based teaching practices in fundamental concepts in math.
  Educator Survey
  TOI Observation Tool (Fidelity Tool)
- *School staff report Increased knowledge of fundamental and advanced concepts in math content, pedagogy, inclusion, and culture.
  Educator Survey
- TOI's and school staff report increased capacity to reflect on their own practices and to support peer teachers' math instruction.
  Educator Survey
- TOI's report increased capacity to support educators around mathematical content, pedagogy, inclusion, and culture.
  TOI Observation Tool (Fidelity Tool)
  Educator Survey
- Administrators report increased capacity to support math implementation.
  Administrator Survey

Long

- *Increase mathematics proficiency of students with Individualized Education plans achieving at a developmental level of grade 3-5, as measured by, mathematics scores on formative and summative assessments.
  NWEA Data
- *Parents report they are more informed about Math4ME practices and mathematics instruction.
  Family/ Caregiver Survey
- Increased School wide structures to support math content, pedagogy, inclusion, and culture.
  School Inventory (Walkthrough Tool)