

Mid-Phase Competition Absolute Priority 3 (STEM)

ASSISTments Foundation, Inc.

S411B220024

Scaling ASSISTments for Algebra Readiness with Curriculum-based Professional Learning and Coaching

Title: Scaling ASSISTments for Algebra Readiness (ASSISTments4AR) with Curriculum-based Professional Learning and Coaching

Type of Grant Requested: Mid-phase

Absolute Priorities: 1 and 3 Competitive Preference: 1 and 2

The total number of students to be served in the project: We will serve 456 teachers and 22,800 students.

Grade level(s) to be served by the project: 6th and 7th Grade

Definition of high-need student: This project defines a high-need student as one from a school with 1) 50% or more students that qualify for free and reduced-priced lunch and/or 2) 50% or more students of color

Project description including project activities: This project will increase student math achievement for high-need 6th and 7th grade students, putting them on track for Algebra I readiness, a crucial indicator of college and career readiness. We will partner with districts that have adopted a high-quality math curriculum. Our program combines three evidence-based components that will drive student success with this rigorous grade-level content: (1) Teacher-use of ASSISTments to provide students just-in-time targeted support, (2) Evidence-based teacher professional learning (PL), and (3) Capacity-building for school coaches to more effectively support teachers, enhanced with data from ASSISTments-Coach.

Summary of project objectives and expected outcomes:

- Objective 1. Enhance ASSISTments-Teacher and ASSISTments-Coach to be optimized for scale with High Quality Instructional Materials (HQIM)
- Objective 2. Modify Teaching Lab's evidence-based PL and coaching scope and sequence to leverage ASSISTments
- Objective 3. Rigorously evaluate the impact of ASSISTments4AR
- Objective 4. Disseminate findings and support scale of ASSISTments4R

The special project features: This project explores how effective technology platforms like ASSISTments can be leveraged to support professional learning and coaching, as well as the implementation of high-quality math curriculum. The program and its results will be incredibly timely given the appetite for technology solutions is at an all-time high, and the urgency to equitably address learning loss in math after COVID.

All organizations partnering with this project: The ASSISTments Foundation, Teaching Lab, WestEd, and the schools.