

ABSTRACT

Title: Building a Statewide Model for Scaling ASSISTments

Type of Grant Requested: Expansion

Absolute Priorities: 1 and 2 **Competitive Preference Priority:** 2

The total number of students to be served in the project: We will serve 18,000 students

Grade level(s) to be served by the project: 6th, 7th and 8th grade

Definition of high-need student: This project defines a high-need student as one served by a school with a high concentration of students living in poverty (we use Title I status for this).

Project description, including project activities: This project will increase the reach and impact of ASSISTments, an evidence-based math formative assessment platform for teachers, by developing a systems-based approach to implementation called ASSISTments Plus (A-Plus). With support from the Maryland State Department of Education, we will partner with school districts statewide to develop, evaluate, and scale the A-Plus model and leverage that work to engage additional district partners nationally. The A-Plus model combines high-quality teacher training and coaching with capacity-building for designated school and district leads so they can support and sustain program success. We will also develop a powerful data tool that allows districts and schools to monitor learning and support students alongside teachers effectively.

Summary of project objectives and expected outcomes: The objectives for this project center on piloting and continuously refining the A-Plus model, implementing it with fidelity while conducting a rigorous independent evaluation, and successfully scaling in Maryland and beyond. We expect to see strong fidelity of implementation, impacts on student achievement, and growing demand and partnership with school districts to implement ASSISTments with impact.

The special project features: The grant will explore innovative strategies for engaging district and state stakeholders in scaling evidence-based interventions. Our direct partnership and investment from Maryland, paired with the ongoing urgent need for learning recovery in middle school math, creates the opportunity for a statewide model that we will then test in other states. ASSISTments is a highly cost-effective solution for improving math achievement. In this project, we will use ChatGPT to efficiently expand our content library with high-quality math problems that fuel personalized assignments for students. As technology and AI scale at an unprecedented rate within our education system, the learning from these activities will be timely and influential as the field continues to seek strategies for addressing the impact of COVID-19.

All organizations partnering with this project: The ASSISTments Foundation, Worcester Polytechnic Institute, Abt Associates.