

**Mid-Phase Competition Absolute Priority 3 (STEM)
Alabama State Department of Education, AMSTI
S411B220028**

Improving Algebra 1 Outcomes Across Alabama Using Math Nation

Project Title: Improving Algebra 1 Outcomes across Alabama using Math Nation

Type of Grant Requested: Mid-phase

Priorities the Project Addresses: Absolute Priority 1, Moderate Evidence; Absolute Priority 3, Field-Initiated Innovations—Science, Technology, Engineering, or Mathematics (STEM), Competitive Preference Priority 1—Access; Competitive Preference Priority 2—COVID;

Total number of students to be served in the project: 25,000 (20,000 in the impact study with 10,000 in each condition, and 5,000 more the subsequent year when control teachers receive and implement the program).

Grade level(s) to be served by the project: 9–10

Your definition of high-need students: “Students at risk of educational failure or otherwise in need of special assistance and support, such as students who are living in poverty, who attend high-minority schools ... [or] who are far below grade level” (US DOE, 2012).

Brief project description including project activities: In Alabama, this project will scale, establish the efficacy, and disseminate study findings of Math Nation, a comprehensive program designed to improve Algebra 1 outcomes, particularly for high-need students.

Summary of project objectives and outcomes: The project will: (1) create and test strategies to enhance the adoption, use, and sustainability of Math Nation; (2) implement and evaluate the efficacy of the program; and (3) disseminate findings and track cost, scaling, and sustainment.

Any special project features: Customized learning progression, Study Expert Videos, various levels and types of assessments, interactive Student Walls, teacher PD and supports.

List all organizations partnering with this project: The Alabama State Department of Education, WestEd, and Math Nation.