



The Guilford County, NC, Middle School Math HDT Program

Total students served in 2023-2024: 384 across 2 PLI study schools

OVERVIEW: In-person math tutoring was delivered as a part of students’ regular math class (or sometimes social studies class). Tutors joined classes and worked with students on math skills in groups of four, typically outside the classroom. Tutors used Illustrative Math and school district-provided resources.

AMOUNT OF TUTORING: Students were intended to receive about 75 minutes of tutoring per week. On average, they received about 6 hours over the school year, 42 percent of the intended amount.

COST: Thirty weeks of this program are estimated to cost \$1,440 per student, including all program resources, not limited to vendor fees.

- UNIQUE FEATURES:**
- Tutors were in the school building all day and met with each student every other day to align with students’ block schedule.
 - Schools made efforts to include tutors in math department meetings to encourage alignment.

PROGRAM AS DESIGNED			PROGRAM AS IMPLEMENTED	
The intended program design articulated by school systems and the study team before the program launched			Findings on how the program was actually delivered in PLI study schools in 2023-2024	
Student-to-tutor ratio	Max number of students per group	4	Number of students typically assigned to groups	4
Amount of tutoring	Designed minutes per session	30	Typically offered minutes per session	30
	Designed sessions per week	2.5	Offered sessions per week	2.5
	Span in which the program was expected to occur	Feb.-May	Actual span in which the program was offered	Feb.-May (9 weeks)
	Designed number of sessions per year	27.5	Average number of sessions students received	12
	Designed minutes of tutoring per year	830	Average number of minutes each student received	351

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The intended program design articulated by school systems and the study team before the program launched			Findings on how the program was actually delivered in PLI study schools in 2023-2024	
Setting	Designed time during the school day for tutoring	During math	When in the school day tutoring was typically scheduled	During classroom-based small-group academic instruction or independent work in math or pull-out of social studies classes
	Designed to be in person or virtual	In person	Offered in person or virtually	In person
	Designed classroom format	Pull-out	Implemented classroom format	Pull-out
Materials	Designed integration of a computer-assisted learning platform	None	Offered integration of a computer-assisted learning platform	None
	Designed instructional materials	Illustrative Math and Open Up Standards and Skills	Offered instructional materials	Illustrative Math lesson plans and materials, along with additional materials aligned with school-based lessons
Tutor staffing	Designed tutor workforce strategy	Tutors hired by tutor vendors, including some affiliated with local colleges and universities	Implemented tutor workforce details	77% of tutors reported having a BA or above and 57% reported 2 or more years of experience in education. Tutors typically reported receiving 2 hours of training.
			30-week cost as offered, per student	\$1,440

SOURCES: 2023-2024 school year interviews with school coordinators, surveys of tutors and coordinators, administrative data on enrollment and attendance, site visit and observation notes, program documents, and interviews with study site teams. Costs are in 2023 USD.