



The Winston-Salem, NC, Middle School Math HDT Program

Total students served in 2023-2024: 368 across 3 PLI study schools

OVERVIEW: In-person math tutoring was delivered as a part of students’ regular math course time. Four tutors joined students’ math classes and worked with students in groups of four. Tutors used teacher- 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 7 hours over the school year, 44 percent of the intended amount.

COST: Thirty weeks of this program are estimated to cost \$3,020 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.

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 (11 weeks)
	Designed number of sessions per year	30	Average number of sessions students received	13
	Designed minutes of tutoring per year	900	Average number of minutes each student received	397

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	
Setting	Designed time during the school day for tutoring	Math class	When in the school day tutoring was typically scheduled	During classroom-based small-group or whole-class instruction, or during independent work time
	Designed to be in person or virtual	In person	Offered in person or virtually	In person
	Designed classroom format	Varies	Implemented classroom format	Varied
Materials	Designed integration of a computer-assisted learning platform	None	Offered integration of a computer-assisted learning platform	None
	Designed instructional materials	Several sets of instructional materials including ThinkUp!, Envision Math, and iReady math	Offered instructional materials	Teacher- and district-provided materials
Tutor staffing	Designed tutor workforce strategy	Vendor-hired tutors, intended generally to be recent college graduates, although the vendor also employs tutors with master's degrees or higher	Implemented tutor workforce details	93% of tutors reported having a BA or above and 87% reported 2 or more years of experience in education. Tutors typically reported receiving 5 hours of training.
			30-week cost as offered, per student	\$3,020

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.