



CASE STUDY

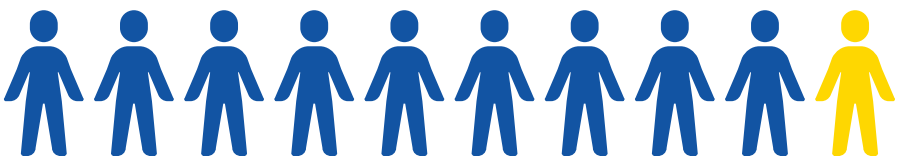
SmartStart Education High-Impact Math Tutoring Partnership with The Bridge Academy (Middle School) in Bridgeport, Connecticut.



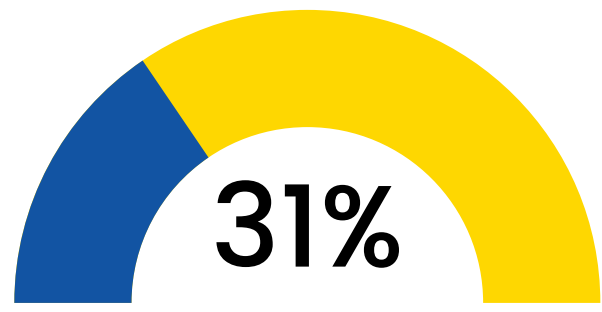
BACKGROUND:

The Bridge Academy is a 7th-12th grade charter school located in Bridgeport, CT. Over 70% of the student body is free and reduced lunch eligible. The school contracted with SmartStart to provide math tutoring to grades 7 and 8 with Voyager curriculum. Depending on diagnostic assessment data, students were provided either Vmath or Transmath curriculum. 102 7th and 8th students received tutoring support from six tutors over a period of seven months. Tutors had differing schedules, with some working 5 days a week and others working 3 days a week. The program went from mid-November 2023 until June 2024.

Overall Highlights



94% of students scored higher on their end-of-program benchmark than their beginning-of-program benchmark



The average percentile increase from the beginning-of-program to the end-of-program benchmark was 31%



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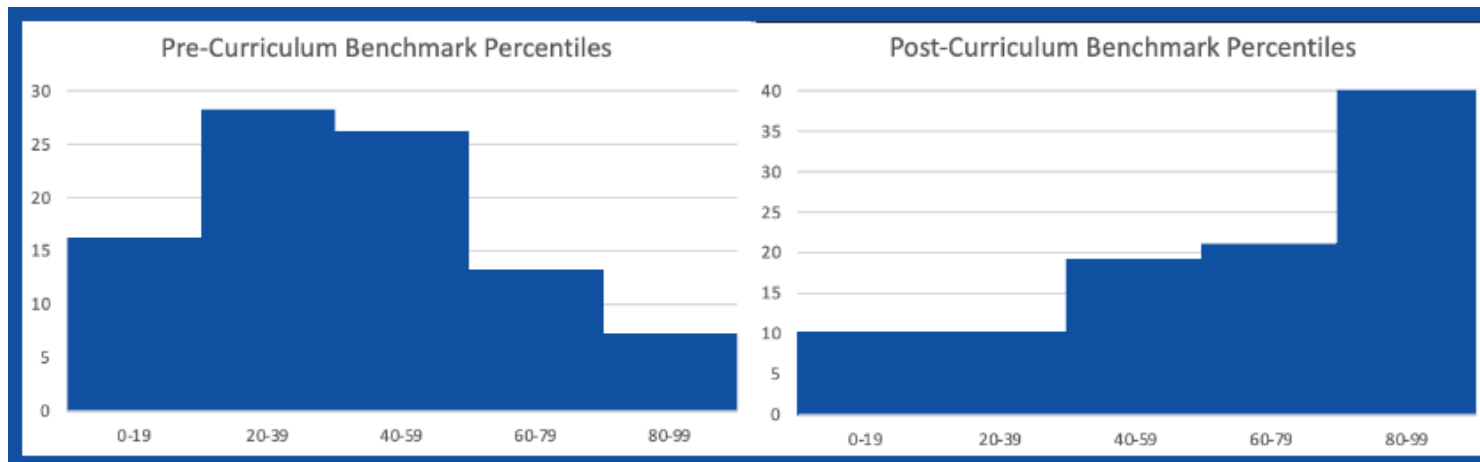
Program Details:



- Intensive intervention tutoring of small groups with a maximum of four students each
- Curriculum aligned with the academic needs of the student
- Consistent, experienced tutors who understand and build rapport with students
- Sessions provided during the school day, during a designated tutoring period
- Diagnostic assessment utilized for curriculum placement, and benchmark assessments were given at the beginning and end of the program to measure growth

Benchmark Percentiles

- The average performance percentile for the benchmark assessment was 40% at the beginning of the program and 71% at the end of the program





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Detailed Results:



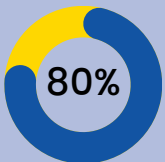
Vmath®

- Vmath® is a targeted math intervention program for struggling students that provides additional opportunities to master critical math concepts and skills.
- Students were in two different levels of Vmath, Level H and Level I

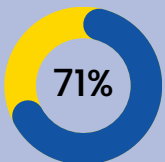
Vmath® Level H



The average **increase** between the pre-test and post test

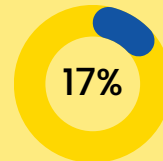


The average **post test** score

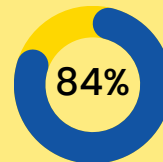


Percent **achieved** in the school year curriculum

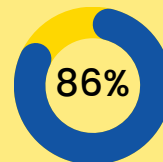
Vmath® Level I



The average **increase** between the pre-test and post test



The average **post test** score



Percent **achieved** in the school year curriculum



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Detailed Results:



TransMath®

- TransMath® is a comprehensive math intervention curriculum that targets middle and high school students who lack the foundational skills necessary for entry into algebra and/or who are two or more years below grade level in math.
- Students were in two different levels of Transmath® Level 2 and Level 3
- The focus was only Units 1-5

Transmath® Level 2

Mastery = 80 - 100%

Passing = 60- 79%



The mastery rate for end-of-unit post tests was between **79%-100%**



The passing rate for end-of-unit post tests was between **83.3%-100%**

Transmath® Level 3

Mastery = 80 - 100%

Passing = 60- 79%



The mastery rate for end-of-unit post tests was between **70%-83.3%**



The passing rate for end-of-unit post tests was between **79.1%-94%**