

After-School Math Program
K-5
Placement in New York City

Why an After-School Math Program for Grades K - 5?

- Mathematical capability impacts earning potential.
- McKinsey's Global Institute estimates 2 million workers with advanced analytical and technical skills will soon be needed.
- After-school participation narrows the math achievement gap between high, middle, and low income students.
- Income differences in math achievement were eliminated all together for students who had consistent after school engagement across K-5

Which Borough?

Mean Scale Score

Borough

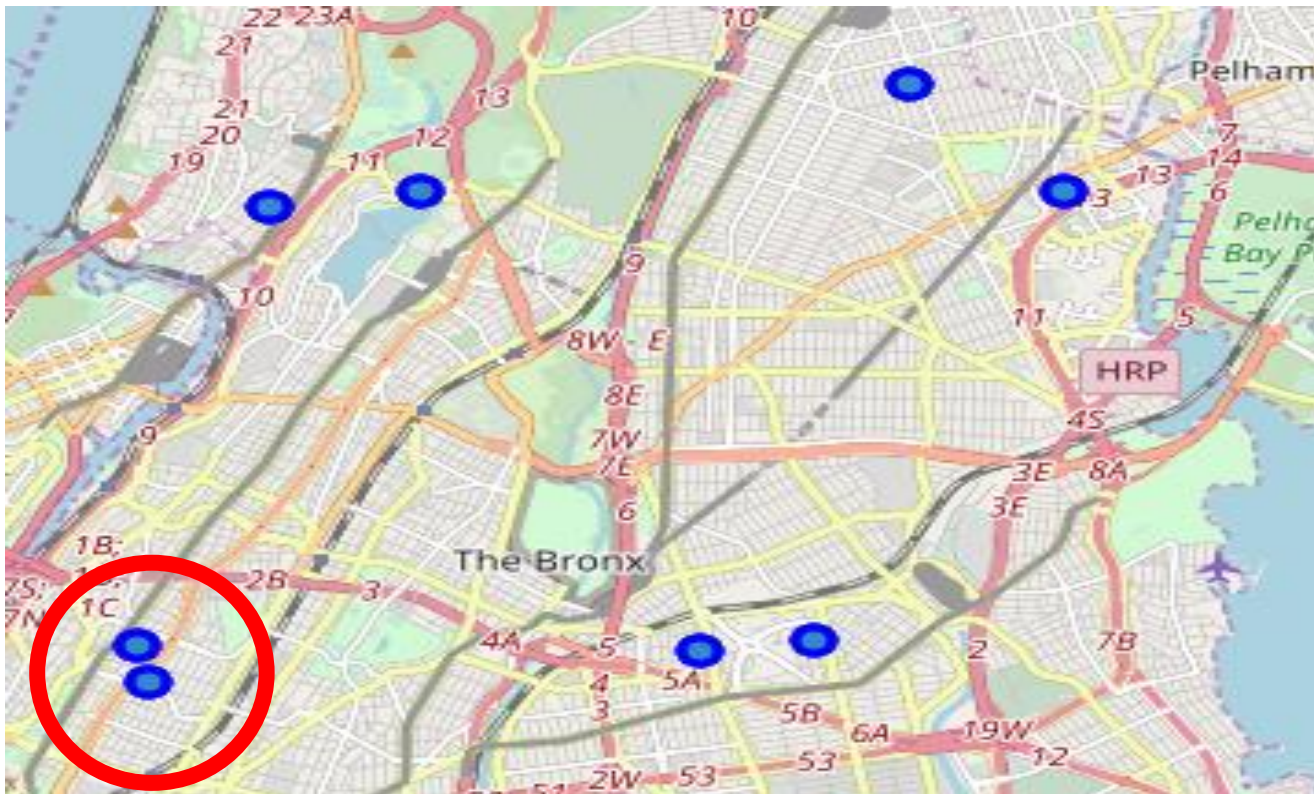
| | |
|---------------|------------|
| BRONX | 339.773573 |
| BROOKLYN | 353.677677 |
| MANHATTAN | 358.508799 |
| QUEENS | 359.232340 |
| STATEN ISLAND | 356.260452 |

The Bronx Math Test Scores are the lowest of all NYC boroughs.

Does Economics Impact Math Test Scores in the Bronx?

| Mean Scale Score | |
|------------------|------------|
| Category | |
| Econ Disadv | 338.445680 |
| Not Econ Disadv | 350.498622 |

Which Economically Disadvantaged School in the Bronx Should We Place an After-School Math Program?



Lucero Elementary School and Sheridan Academy for Young Leaders are very close to each other, which may allow for the transfer of students from one school to another after the main school day is over.

Sheridan Academy for Young Leaders has lower test scores between the two schools. Therefore, we will place the After-School Program there. Since it is nearby, it can also be a resource to students at Lucero Elementary School who wish to attend as well.