

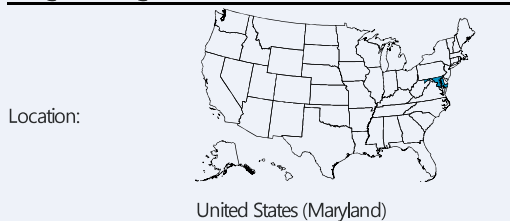
Program Overview

Genome	K-12 Student Achievement
Program Type	Direct Service
Beneficiary Type	Individuals
Budget	\$1,295,374 USD

Description

The Ingenuity Project middle school math program takes place during the school day in place of the standard curriculum, with ongoing enrichment and support. Accepted students transfer into one of four Baltimore City public schools (Hamilton, James McHenry, Mount Royal and Roland Park) to participate in the program for the duration of grades 6-8. Ingenuity math begins in 6th grade with Singapore Math, pre-Algebra in 7th grade, and High School Algebra I in 8th grade.

Program Logistics



Beneficiaries

Ingenuity's middle school program (grade 6-8) serves Baltimore City Public School students. The middle school program is located within four elementary/middle schools within the district.

Age		
Early Adolescents (age 10-14 or middle grades)		100%
Sex		
Male		51%
Female		48%
Non Binary		1%
Race		
Asian or Pacific Islander		4%
Black, African American, or African-descent		57%
Hispanic or Latino		6%
White or Caucasian		22%
Bi/Multiracial		10%
Additional Characteristics		
English Language Learners (ELL)		2%
First-Generation College Students		25%
Low-Income or Economically Disadvantaged		50%

Impact Genome Insight (October 2023)

The Ingenuity Project is a three-year, in-school program designed to provide rigorous coursework in math for middle-school students. Students apply to participate in the program and are accepted based on grades and proficiency tests. The program uses baseline and end of school-year standardized testing to measure improvements in academic performance. The COVID-19 pandemic caused skill losses in students, which were more apparent in the program's applicants from less affluent zip codes. This led them to create a more resource intensive program model such as conducting small group student sessions and more collaborative instruction planning for these students. The cost per outcome is within benchmark, and the efficacy rate is above benchmark, though it is slightly lower than the program efficacy rate from the previous reporting period.

Outcomes

Primary Outcome: Z06.03.03: Improved Academic Performance

This outcome is satisfied if an individual has demonstrated at least one of the following within the past year:

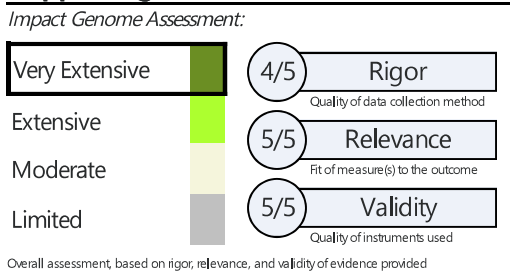
- Improvement or growth in scores or level of proficiency on standards-based or norm-referenced assessments (e.g., tests, quizzes, rubrics, standardized tests, etc.)
- Higher course grades or overall GPA
- New or increased enrollment in rigorous coursework (e.g., taking a new AP, IB, or Honors course, dual enrollment)

Secondary Outcome(s): Improved Attendance and Persistence in School, STEM Proficiency

Verified Impact

85% Efficacy Rate % of beneficiaries achieving a positive outcome	526 Program Reach # of beneficiaries served	445 Actual Outcomes Total # of beneficiaries achieving a positive outcome	\$2,910 Cost per Outcome Budget / Actual Outcomes
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Supporting Evidence



Nonprofit's description of their evidence:
84.6% of (445 of 526) Ingenuity middle school students who had both beginning and end of year i-Ready Math data demonstrated an increase in scaled scores in 2022-23. 32 students in the program did not have available data.

Intervention Component Analysis

Most Emphasized Components (e.g., Activities) in this Program	
A06.03.05.05 Provide Access to Rigorous Coursework	
A06.03.03.01 Utilize Strategies to Challenge Youth Academically	
A06.03.15.03 Focus on Mathematics Content	
A06.03.03.07 Incorporate Facilitators Having High Expectations for Youth	
A06.03.13.09 Implement Integration of Intervention into School/Existing Program	

Program Intensity

Contact Hours 180 hrs	Duration > 3 yrs	Frequency Once or more per day	Dosage 3 hrs - 6 hrs
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Sector Benchmark Data

Program Name	Efficacy Rate	Cost Per Outcome
Middle School Advanced Math Program	85%	\$2,910
Impact Genome Benchmark* for this Outcome	71% - 80%	\$2,155 - \$3,575

* The average Efficacy Rate and Cost Per Outcome of all programs in the Impact Genome database that target this same outcome as of November 2023.