

TOGETHER WE SOAR!

Rooted in Mission, Investing in Baltimore's Future



2025–26 ANNUAL REPORT

OUR MISSION

To prepare and launch the next diverse generation of nationally competitive **STEM (science, technology, engineering, and mathematics) leaders** from **Baltimore City Public Schools**.

WHO WE SERVE

In SY 2025–26, Ingenuity served 914 students from all 33 Baltimore City zip codes:

563

middle school students completed Ingenuity's honors math and science curriculum while enrolled in one of four partner schools: Hamilton, Mount Royal, Roland Park, and James McHenry elementary/middle schools

351

high school students at Baltimore Polytechnic Institute (Poly) were enrolled in our advanced STEM high school pathway

We identify, recruit, and support gifted and advanced students who represent Baltimore City. In doing so, we improve access to exceptional STEM programming for historically untapped students:

43%

female

59%

identify as students of color (African American/Black, Hispanic, and multiracial), historically untapped in advanced STEM programming

48%

report living in **limited-income households***

26%

of parents report **not completing or attending college**

** Household data is reported by applicant families and determined by income and the number of dependents, according to federal guidelines.*

OUR IMPACT

ENSURING A CULTURE OF EXCELLENCE

87%

of Ingenuity **middle school students** earned 80 or above in honors math classes, and 80% earned 80 or above in honors science classes

86%

of **eighth graders** are enrolling in Academic Criteria high schools

83%

of Ingenuity **high school seniors** over the past six years earned a 4.0 weighted GPA or higher

NEARLY 100%

enrolled in college, with 81% of seniors over the past six cohorts enrolling in competitive colleges and universities, and 23% earning at least one "full ride" or notable college scholarship

92%

of **graduating seniors** over the past six years took at least two Advanced Placement math or science classes

MESSAGE FROM LEADERSHIP

From the moment our students walk through the door in middle school to the day they cross the stage at Poly graduation and continue into college and career paths that follow, they never stop inspiring us. Their curiosity, innovation, and passion for excellence are a privilege to witness. This past year, we invested in them in ways we are excited to share in this annual report.

In our middle schools, we deepened the rigor of our math curriculum and made what we consider a landmark investment in science instruction, giving students new tools for inquiry and discovery of the issues facing our city and our world.

At Poly, we created new opportunities for students to see themselves as researchers, college students, and STEM professionals. Our new 10th Grade Introduction to Scientific Research course gives students an earlier opportunity for scientific inquiry. Our expanded dual enrollment offerings mean more students can earn college credit while still at Poly.

Taken together, these aren't just individual wins. They are proof that **Ingenuity is building something bigger:** a continuum of opportunity that challenges students academically and prepares them to thrive in today's world. None of this happens without you. We're grateful to our students and their families, our teachers and staff, our board members, and our partners and supporters for believing in this work and showing up for it year after year. Thank you for staying rooted with us in this mission and helping every Ingenuity student reach for the future they imagine.

With sincere gratitude,



Megan Warren
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Executive Director

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MIDDLE SCHOOL PROGRAM



MIDDLE SCHOOL IMPACT NUMBERS (2025-26)

60%

of eighth graders are enrolling at Poly

100%

passed high school Honors Algebra

70%

were deemed proficient on the MCAP Algebra I assessment, exceeding the state average of 27% proficient

NEARLY 100%

of Ingenuity middle school students completed independent or team science projects and showcased them at school science fairs

A STRATEGIC MOVE FOR MIDDLE SCHOOL MATHEMATICS

Ingenuity launched a major, multiyear initiative to replace our teacher-created mathematics curriculum with nationally recognized, evidence-based instructional materials. Designed to address post-pandemic learning gaps and strengthen educator support, the initiative reflects Ingenuity's commitment to expanding access to rigorous mathematics instruction and creating more equitable learning opportunities for all students.

Following an evaluation of top-rated curricula identified by EdReports, Ingenuity teachers selected Amplify Desmos Math. Implementation began with Honors Algebra 1 during the 2025–26 school year. Early results of the curriculum's impact show a 30% increase in average i-Ready growth, with consistent gains across all student groups. This investment also contributed to a 70% proficiency rate on the Maryland Comprehensive Assessment Program (MCAP) Algebra 1 assessment, representing a 9% increase from the 2024–25 school year. Together, these outcomes underscore the potential of an evidence-based curriculum to accelerate achievement for all students.



ELEVATING MIDDLE SCHOOL SCIENCE: A LANDMARK CURRICULUM INVESTMENT

To advance an experiential, phenomenon-driven approach aligned with the Next Generation Science Standards (NGSS), Ingenuity piloted several Issues and Science units across its middle schools in spring 2026. Based on the pilot, Ingenuity has plans to adopt the Issues and Science curriculum, published by Lab-Aids and developed by SEPUP at UC Berkeley. Implementation will start in the seventh grade during the 2026–27 school year. This adoption represents one of Ingenuity’s largest investments in science equipment and comprehensive curriculum in more than 25 years.

Issues and Science is one of only three middle school science curricula to earn the highest ratings from EdReports, the leading independent evaluators. The curriculum combines extensive hands-on investigations, high-quality science materials, and an issue-oriented approach that engages students in exploring real-world problems. These features support NGSS-aligned instruction, strengthen scientific reasoning and literacy, and closely align with our mission.



“
**My child’s passion
for math and science
has blossomed
since joining
The Ingenuity Project.**

— Ingenuity parent

HIGH SCHOOL & STEM RESEARCH



HIGH SCHOOL IMPACT NUMBERS (2025-26)

86%

of the class of 2026 completed STEM research with a mentor or participated in an equivalent out-of-class structured STEM experience

83%

enrolled in highly competitive colleges or STEM programs

89%

earned a 4.0 GPA or higher

97%

took at least two Advanced Placement math and/or science classes while at Poly

NEW @ POLY: 10TH GRADE INTRODUCTION TO SCIENTIFIC RESEARCH COURSE

A new chapter in student discovery is underway. Ingenuity at Poly has designed and launched our full-year Introduction to Scientific Research course for sophomore students in 2026–27. Designed to help young scholars see themselves as researchers from the start, this course will allow students to dive into the scientific method, scientific literacy, and professional communication as they explore STEM career fields and find their STEM spark.

Through this yearlong exploration, students will consider how math, science, technology, and engineering can shape meaningful solutions and bring their ideas to life through independent research. By opening the door to authentic research and STEM career pathways earlier in a student's high school experience, this course will help Ingenuity nurture a new generation of curious, confident, and innovative scientists, engineers, and problem-solvers.



EXPANDING COLLEGE-LEVEL STEM OPPORTUNITIES THROUGH DUAL ENROLLMENT

In partnership with Morgan State University, Ingenuity proudly launched Linear Algebra I and Calculus III, giving students who had completed AP Calculus the chance to earn college credit while still in high school. Students take these challenging courses conveniently on the Poly campus, where they are taught by Ingenuity's lead math instructor, Ms. Elisa No.

Students embraced the challenge, exploring sophisticated concepts from vectors, matrices, and vector spaces to partial derivatives, multiple integrals, and vector calculus. More than an expansion of our course offerings, this milestone reflects Ingenuity's promise to meet students at the height of their potential and prepare them to enter college STEM programs ready to thrive, innovate, and lead.

“

We were looking for a program that would challenge our child and Ingenuity has exceeded our expectations.

— Ingenuity parent

STEM BEYOND THE CLASSROOM

Throughout the 2025–26 school year, Ingenuity brought STEM learning to life beyond the classroom, connecting students with college campuses, industry leaders, and opportunities to lead.

STEM UNBOUND

More than 170 middle school students discovered new possibilities at the second annual STEM Unbound at Towson University, presented in partnership with Waters Advanced Diagnostics.



MIDDLE SCHOOL SUMMER ACADEMIES

This summer, 150+ middle school students came together for Ingenuity's Summer Academies over two inspiring weeks of academic enrichment and community building.



BROWN IGNITE FELLOWSHIP

In partnership with Brown Advisory, the second cohort of Brown IGNITE Fellows was selected and embarked on a yearlong opportunity designed to cultivate talented high school STEM students into financial literacy leaders. Twelve Ingenuity Poly students in grades 10-12 were selected for the fellowship. Upon completion of the fellowship, participants demonstrated the power of student leadership by sharing practical financial literacy lessons with seventh graders at James McHenry Elementary/Middle School (shown at left with Assistant Principal McNamara).



SUMMER PARTNERSHIPS SHAPING STEM LEADERS

Over the summer, rising juniors explored research writing, artificial intelligence, and coding at University of Maryland Baltimore County (right, top), while rising ninth graders built skills, confidence, and lasting connections during a three-day retreat at Johns Hopkins University and Outward Bound (right, bottom). Together, these experiences opened doors to STEM learning and a future in which Ingenuity students see themselves as innovators and leaders of tomorrow.



“

Our child has found a true community of friends at Ingenuity.

— Ingenuity parent

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— Ingenuity donor



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Top to bottom: Ingenuity alumni at Alumni and Donor Appreciation Reception in May; Lisette with Board Member Bonnie Legro, Kate Powell of Lockhart Vaughan, and Joe Manko of the Abell Foundation; and John Meyerhoff with Development Director Nijhier-Aleem Jules



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Statement of Financial Position here

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