

SALESIAN
HIGH SCHOOL
CENTENNIAL
1920 - 2020



MATH LEADERS PROGRAM

2020 REPORT

SALESIAN HIGH SCHOOL

148 East Main Street, New Rochelle, NY 10801 | (914) 632-0248 | SalesianHigh.org

THE MISSION

The Salesian High School Math Leaders Program aims to identify and place high-performing students in the comprehensive study of math, science and technology, with the goal of admission to some of America's most prestigious colleges and universities. Research from the National Center for Education Statistics shows that young adults with bachelor's or higher degrees in the fields of science, technology, engineering, and mathematics (STEM) tend to have more positive economic outcomes, such as higher median earnings, than do those with degrees in non-STEM fields.

Studies have shown that less than 40% of all high school graduates are actually ready to take college-level STEM courses. This elite program is the catalyst that provides a pathway for our Salesian scholars to achieve success in their academic and professional careers.

THE OPPORTUNITIES

The opportunity that the Math Leaders program provides for its participants is life-changing. Recruited from the eighth grade, students who fit the qualifications are invited to apply for their freshmen year. Acceptance into the program offers full-tuition scholarships for all four years at Salesian High School. With a projected growth rate of 13%, STEM jobs such as computing, engineering and advanced manufacturing will lead the way in future career tracks and our students will be prepared to join the workforce ready to thrive.

Students will participate in various extracurriculars, rigorous courses, internship and mentorship programs. They will have unique exposure to top universities and academic programs such as our exclusive partnership with Iona College that they may not be able to find anywhere else. They are given the chance to excel in everything they do.

THE LEGACY

The Math Leaders Program was founded in 2007 from a \$500,000 donation by an anonymous alumnus. Since then, it has prepared students for the global economic environment and served as a launchpad for a variety of successful career trajectories. The legacy of this most important program to our school and our families is one with a long-lasting impact.

As the US continues to fall behind some of its global competitors in the STEM field, STEM education and programs like Math Leaders are vital to the future of our students, our community and our world. According to the Programme for International Student Assessment (PISA) — which is regarded as one of the biggest cross-national tests of its kind, the US placed 38th of 71 countries in math, and 24th in science.

MATH LEADERS PROGRAM

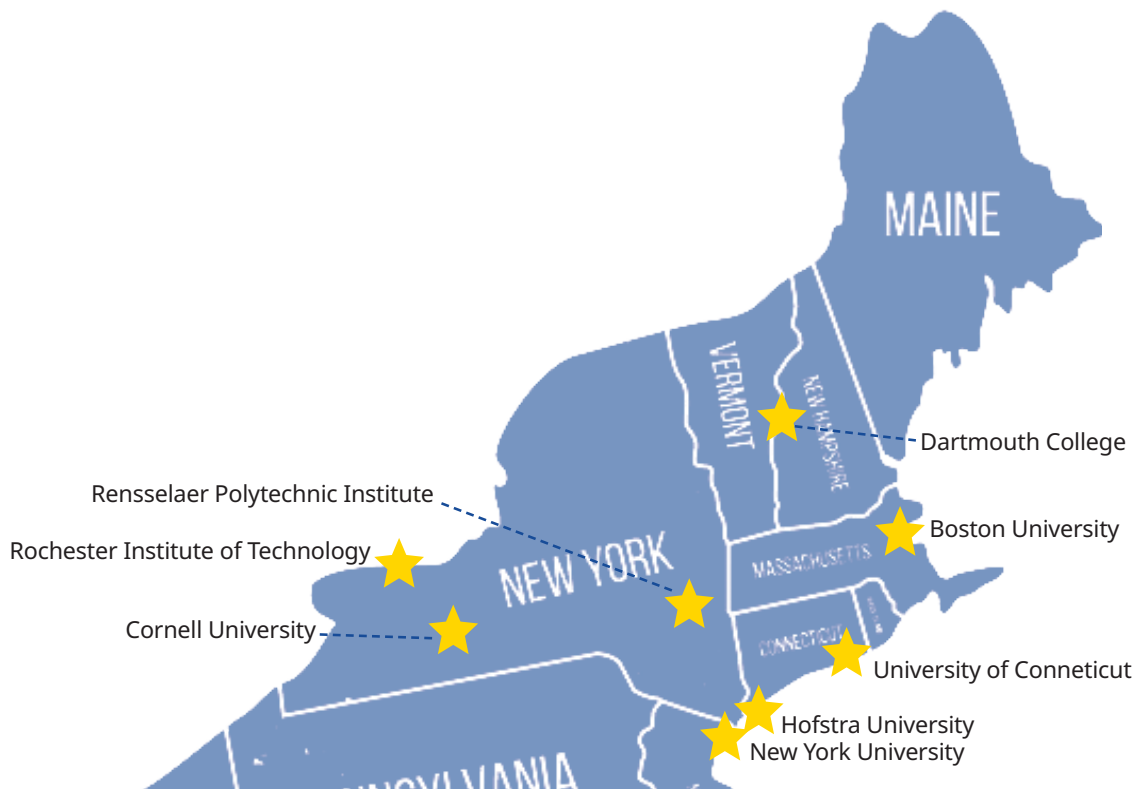
2020 REPORT

As we enter into this next decade and beyond it is our sincere hope that we will bridge the gap between our students and the massive opportunities that lie before them in the STEM industry.

From top-notch collegiate educations to professions in engineering, medical, financial and business-related fields, these leaders represent Salesian High School proudly. As we continue to grow this program, the more students become aware of and apply for this most privileged honor to excel as a Salesian Eagle. The Math Leaders Program is an extraordinary world-class program that encourages and supports the positive development of the young men of Salesian High School.

BEYOND SALESIAN HIGH SCHOOL

Because of our program, Math Leaders are welcomed into some of the most prestigious colleges and universities in the world. Students leave Salesian fully equipped for the best education and prepared to enter the workforce as some of society's most prominent candidates. The imprint of the Math Leaders program on these young men is immeasurable. The investment of the student's time combined with their dedication to the program is one of great significance and life-long influence for our students, their families and our beloved institution.



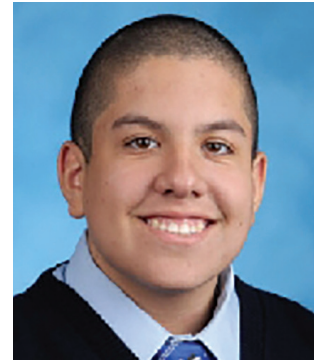
MATH LEADERS PROGRAM

2020 REPORT

"He tenido la suerte de ser parte del prestigioso Programa de Math Leaders desde mi primer año en el colegio de Salesiano. Mientras tanto, he participado en numerosos programas como consejo estudiantil, cross country, bandas de marcha y conciertos, Los Math Leaders es una de las oportunidades más importantes de mi carrera educativa. Como estudiante de cuarto año estoy agradecido por la oportunidad de tomar cursos universitarios, donde el plan de estudio fue riguroso y único.

El enfoque específico en matemáticas me ha preparado para continuar mi educación STEM en ingeniería química el próximo año en Princeton, Columbia o RPI. El Programa de Math Leaders me ha influido durante cuatro años, igual que otros estudiantes salesianos, familias y la comunidad más grande. Espero que mi futura trayectoria profesional tenga un impacto que se extienda más allá de mi escritorio de alguna manera para crear un impacto positivo en los demás, tal como este programa ha hecho por mí."

*– Nicholas Badillo,
Salesian High School Senior*



Nicholas Badillo, Class of '20

"As I prepare to graduate from Rensselaer Polytechnic Institute with a degree in Computer and Systems Engineering, I am thankful for the skills that the Math Leaders Program has helped me to hone. This program introduced me to the world of STEM and prepared me to work with some of the brightest minds to develop cutting edge technology and products. I would not have even dreamed of being where I am professionally, if the Math Leaders Program had not pushed me to push myself."

*– Daniel Trosa,
Student at Rensselaer Polytechnic Institute &
Salesian Math Leaders Graduate*



Daniel Trosa, Class of '17

"The Math Leaders Program was instrumental in David becoming an engineer at Corning and giving him what he needed to progress professionally. Everything has to come together to make a program like this work, and that's the case here. I could not be more grateful that he had the opportunity to be a part of this wonderful program."

*– Joe Lanza,
parent of Salesian High School &
Rochester Institute of Technology Graduate*



David Lanza, Class of '12

BY THE NUMBERS

'07

the year
the program
began

90%
↑

score a student
must maintain
in math to be
considered for
the program

4

each leader
will receive
a 4-year
scholarship
to Salesian

2

SAT prep
courses free
of charge

50+

students have
gone through
the program
to date

5

college
application fees
reimbursed
for up to five
schools

\$500^K

the amount of
initial funding
to launch the
program

\$1M

in college
scholarship dollars
received annually
by leaders

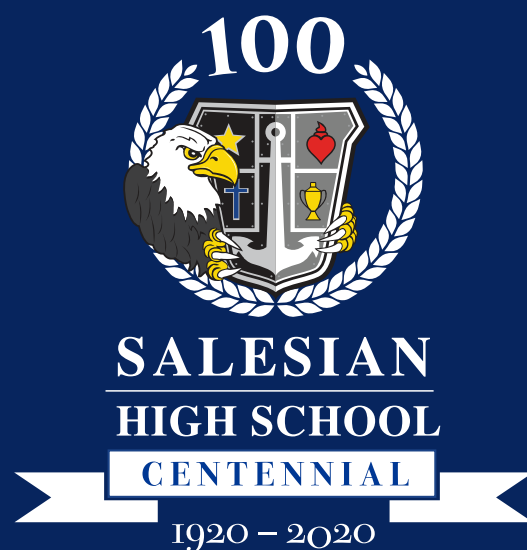
3

Ivy League
school
acceptances

2

college visits
per year





Centennial Campaign Office
148 East Main Street
New Rochelle, NY 10801
(914) 632-0248

salesianhigh.org

TRADITION BASED ON REASON, RELIGION AND KINDNESS