

SHAPING FUTURE STEM LEADERS

Catholic Academy of Bridgeport - St. Augustine Academy



2020-2021

PROJECT UPDATE



Grant Amount=\$14,610
Project Cost=\$14,610

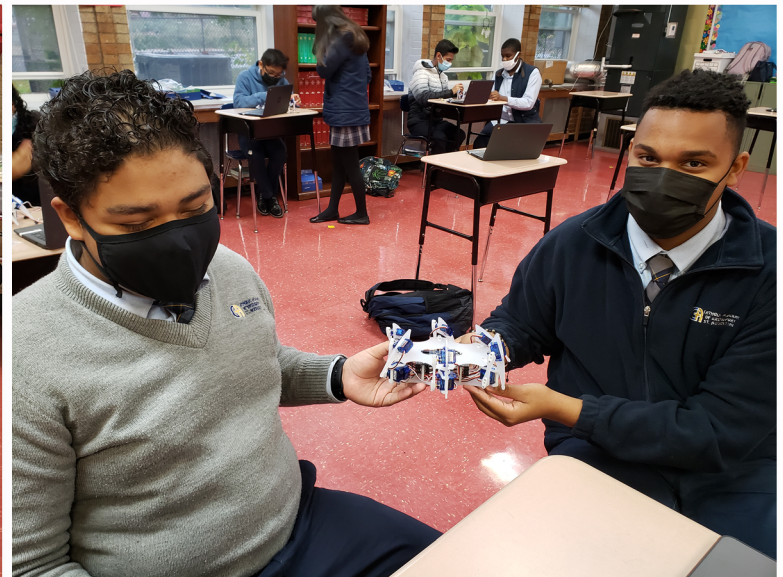


43 Students Impacted
Grade 8

PURPOSE: To introduce STEM education to 8th grade students. This Milestone C program offers students hands-on experience in engineering and aviation.

IMPACT: Students were given a chance to experience working with robotics, doing scientific research and 3D modeling in a more interactive classroom. Students worked collaboratively to design hands-on engineering projects. They were taught to build and program a Hexapod robot and learned about 3D modeling. Students conducted a Lunar project, which involved redesigning their Hexapod and adding a collection module to collect samples on the moon. Students were able to apply mathematical concepts to their lessons and developed skills in communication and critical thinking that helped them solve problems. The students were completely engaged in each lesson and eagerly awaited a new lesson. This grant helped build students' confidence and motivated them to consider a career in the engineering field.

FUTURE PLANS: We would like to expand this program to include the 7th graders. We will be looking into using Title 1 funds and researching other organizations that fund STEM programs in school.



FOUNDATIONS IN EDUCATION
TRANSFORMING LIVES THROUGH EDUCATION

For more information on this grant project or to find out how to support Innovation and Leadership projects in the Diocese of Bridgeport Catholic Schools, contact Theresa Sciallo at (203) 416-1509 or tsciallo@foundationsineducation.org.