

MATH IN MOTION

St. Joseph High School, Trumbull

2020-2021
PROJECT UPDATE



Grant Amount=\$3,540
Project Cost=\$3,652



90 Students Impacted
Grade 12

PURPOSE: To introduce and inspire students to examine careers in STEM-related fields. Purchases will enhance the Math curriculum, provide a stepping stone to Robotics and other STEM activities and provide students with the necessary critical thinking skills to be successful beyond the classroom.

IMPACT: The hands-on activities promoted collaborative problem solving as students coded the rover robots to move and draw shapes. The rovers enhance student learning by adding a physical dimension to verbal, symbolic and graphic representations of functions and expand the visualization of lines, position and vectors. The classroom is now more collaborative and filled with math conversations and exposure to coding.

FUTURE PLANS: This program will continue in more lessons. The materials are reusable and will continue to be used year after year.

