

MOBILE INNOVATION MAKER CART

Greenwich Catholic School



Grant Amount=\$7,500

Project Cost=\$15,000

PROJECT UPDATE

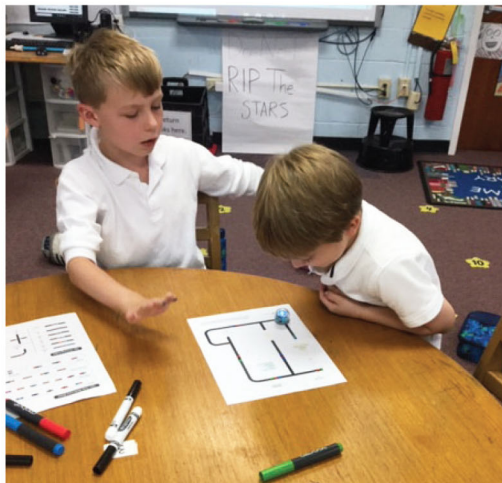


249 Students Impacted
PreK, Grades 2, 4, 6, 7, 8

PURPOSE: To pilot a curriculum piece for innovation in the classroom using blended learning, global citizenship, STREAMS, 21st century skills of critical thinking, creativity, collaboration, communication, and Catholicity and to provide professional development for all the teachers to use the cart. The creation of the makerspace allows all students the ability to create, construct, problem solve and grow.

IMPACT: The grant has expanded and made a difference in lesson plans and teaching. Students in most grades needed to be taught how to measure correctly and why precision is necessary. They recognized the need to begin with simple skills to learn the techniques needed for mastering the more complex skills. Students now have a better understanding of dimensions, electricity, sculpture and architecture and can use terms such as calibrate, dimensions, angles, and distance when collaborating with their peers. Students were more enthusiastic and focused when their assignments allowed them to use the makerspace. Some difficult concepts in math and art were more easily grasped when a project in the makerspace was used to enhance that concept. Their coding skills and spatial awareness was enhanced by using the 3D printer. Students also showed an increase in their capability to understand reason and the spatial relations among objects or space which in turn helps in navigation, understanding and fixing things and estimating distance and measurement.

FUTURE PLANS: The technology teacher will be integrating the makerspace into curriculum and working with all teachers to allow for more cross-curricular activities. Next year the entire school will be using the makerspace.



FOUNDATIONS IN EDUCATION
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For more information on this 2018-2019 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.