

STEM: Science, Technology Engineering and Math



RADNOR EDUCATIONAL
FOUNDATION
FUNDING POSSIBILITIES • BUILDING FUTURES • EMPOWERING OUR COMMUNITY



Six students representing the RMS Gateways program traveled to Louisiana State University to compete in the National Sea Perch Challenge, with REF funding \$565 in registration fees for the team and its **remote operated underwater vehicle**.



The year began with 32 students working with a US Navy engineer on the project, with the winning team of the in-class competition advancing to the Greater Philadelphia regional competition, **qualifying for Nationals** with a win.

Specialists from the NY Code and Design Academy

worked with sixty students grades 3-5 in the district's three elementary schools twice weekly for twelve weeks. Students **engaged in math inquiry and coding** in a program designed to enhance the STEM curriculum and inspire young students at a critical period during their exposure to math and science concepts. REF granted \$5,550 to support the program, keeping fees for this after-school experience low for interested students.



The Portable Planetarium, DaVinci Science Center

and the Philadelphia Zoo on Wheels were some of the organizations REF was proud to bring to the second Elementary School STEM Night with a grant of \$4,880. Over 27 organizations including Dow Chemical and Boeing, and schools including Villanova offered **81 sessions to 393 attendees**. RTSD

Supervisor of Instruction Dr. Kelly Murray shared that “*Several families wrote to tell me how much they enjoyed the program this year.*” The

fun and free-to-participants program exposed students to concepts, processes and potential careers in STEM fields.

