



What is Success@South?

With the start of each school year, the PTSO and Principal Stenbridge designate an improvement project to meet the ever-changing requirements of a modern high school. The Success@South campaign raises the supplemental funds needed for the project. The Newton Public Schools works to balance the needs of all 22 schools, making difficult decisions as to where funds should be allocated. The push and pull among class size, breadth of program and building improvements can make prioritization a hard decision. The use of PTSO dollars is critical for funding important projects like the STEAM Learning Lab which will have a positive impact on Newton South, but is beyond the scope of the yearly Newton Public Schools budget.

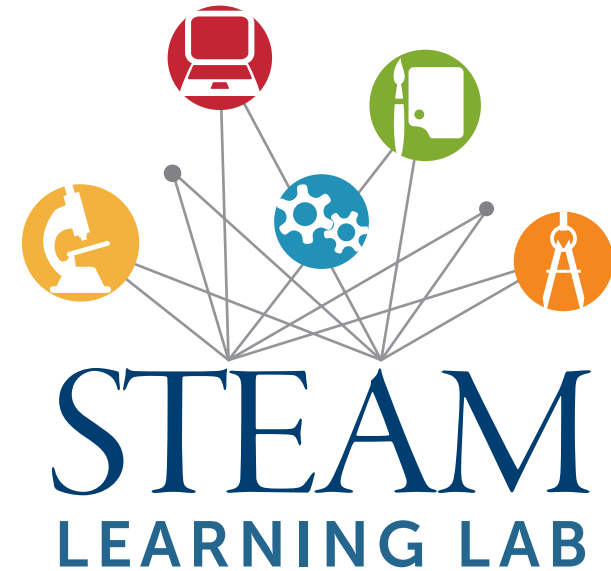
Contributions to the Success@South campaign are tax-deductible and may be eligible for matching funds from your employer. Please contribute at success.newtonsouthptso.org. We thank you for your support.

Contact your PTSO co-chairs Betsy Blagdon & Emily Prenner at info@newtonsouthptso.org to learn how you can get involved.



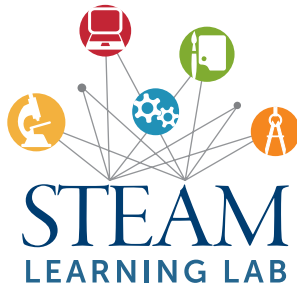
“Students who are fluent in math, engineering and other STEM competencies will be more prepared and qualified to fill the jobs that our innovation economy demands.”

JD Chesloff, Governor’s STEM Advisory Council and Mass. Business Roundtable



Newton South High School PTSO
2014–2015 CAMPAIGN





Based on the incredibly successful program model of Global Communities, Newton South is in the process of creating another smaller learning community that will combine Science, Technology, Engineering, Arts and Math (STEAM) into a new project-based collaborative approach

to learning. This interdisciplinary and inquiry-based curriculum will be available for students beginning in 10th grade and will be piloted in the 2015-2016 school year.

Support for this program will provide students with the opportunity to build skills in experimentation, analytical problem solving, collaboration, presentation, communication, and artistic representation through authentic and student-driven learning. The Learning Lab will help to foster students who are intrinsically motivated for exploring science, engineering, art, and math through a myriad of rigorous kinesthetic projects.



“The difference between science and the arts is not that they are different sides of the same coin, even, or even different parts of the same continuum, but rather they’re manifestations of the same thing... The arts and sciences are avatars of human creativity.”

Mae Jemison, American astronaut

Our goal is to equip a flexible project-based STEAM Learning Lab to support this new program, as well as other programs at South. Our fundraising goal is \$20,000. The funds raised through this Success@South campaign will be used in conjunction with money from the Newton Public Schools, community foundations, and local businesses to make the Learning Lab an integral part of Newton South’s programming for years to come.



The PTSO additions to this lab will enhance the core curriculum materials that NPS will provide. These wish list items will expand the functionality of the lab to benefit multiple areas of study. Potential purchases include:

- 3-D Printer and modeling software for visualization and realization of student designs and mathematical concepts
- Interactive smart glass projection board allowing real-time collaboration among students
- DNA Fingerprinting kit to launch studies in forensic science
- Biodiesel processing equipment to enhance students’ understanding of green technologies
- Green solar plate etching equipment enabling chemistry explorations through Intaglio print making
- Drafting tables for student conceptualization, design, and illustration of ideas

