

AMP IT UP

Amp It Up is a program to introduce Advanced Manufacturing and STEM to middle and high school students, help them see how their course work is applied in these industries, increase their science and math interest and skills, perform better on MCAS and standardized testing, and potentially consider Advanced Manufacturing and STEM career options.

The North Shore WIB matches local area high school teachers with advanced manufacturers for day long externships to show the practical application of math and science in the work place. The teachers and schools will then develop classroom activities and curriculum relating to this experience. Teachers must also agree to attend two half day curriculum development sessions.

2015-16 Amp it Up Companies and Teachers	
Company	Teacher(s)
Applied Materials- www.appliedmaterials.com	Beverly High School
Cell Signaling Technologies- www.cellsignal.com	Beverly High School
General Electric- www.ge.com	Catholic Charities North
Medtronic – www.medtronic.com	Peabody Veteran’s Memorial High School (2)
Microline Surgical- www.microlinesurgical.com	Lynn English High School (2)
Spring 2015 Amp It Up Companies and Teachers	
Medtronic – www.medtronic.com	The four schools participating in the 2015-16 “Women in Engineering” Internship: Gloucester High School, Lynn English High School, Peabody Learning Academy, Danvers High School
Microline Surgical – www.microlinesurgical.com	Lynn English High School
Thrive Bioscience www.thrivebio.com	Salem High School
Cell Signaling Technologies www.cellsignal.com	Danvers High School
2013-2014 Amp It Up Companies and Teachers	
Axcelis Technologies- www.axcelis.com	North Shore Technical High School, Lynn Vocational Technical Institute
Bomco- www.bomco.com	Marblehead High School, Manchester Essex Regional High School
General Electric- www.ge.com	Belmonte Middle School, Salem High School
Cell Signaling- www.cellsignal.com	Lynn English High School
Sylvania – www.sylvania.com	Swampscott Middle School
Abiomed- www.abiomed.com	Holten Richmond Middle School
Analogic- www.analogic.com	Peabody Learning Academy, Higgins Middle School
Microline Surgical- www.microlinesurgical.com	North Shore Technical High School
Applied Materials- www.appliedmaterials.com	Masconomet Middle School, Gloucester High School