

## 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 attend two half day curriculum development sessions and then develop classroom activities and curriculum relating to this experience.

<b>2018 Amp it Up Companies and Teachers</b>	
<b>Company</b>	<b>Teacher(s)</b>
General Electric	Lynn Classical (2)
Medtronic	Lynn English and Lynn Vocational Technical Institute
Microline Surgical	Danvers High School
<b>2017 Amp it Up Companies and Teachers</b>	
<b>Company</b>	<b>Teacher(s)</b>
Bomco	Lynn Vocational Technical Institute
General Electric	Danvers High School
Innovent Technologies	Danvers High School
Medtronic	Ipswich High School
Microline Surgical	Lynn English High School, Danvers High School
Seqwell	Lynn English High School
<b>2015-16 Amp it Up Companies and Teachers</b>	
<b>Company</b>	<b>Teacher(s)</b>
Applied Materials- <a href="http://www.appliedmaterials.com">www.appliedmaterials.com</a>	Beverly High School
Cell Signaling Technologies- <a href="http://www.cellsignal.com">www.cellsignal.com</a>	Beverly High School
General Electric- <a href="http://www.ge.com">www.ge.com</a>	Catholic Charities North
Medtronic – <a href="http://www.medtronic.com">www.medtronic.com</a>	Peabody Veteran’s Memorial High School (2)
Microline Surgical- <a href="http://www.microlinesurgical.com">www.microlinesurgical.com</a>	Lynn English High School (2)
<b>Spring 2015 Amp It Up Companies and Teachers</b>	
Medtronic – <a href="http://www.medtronic.com">www.medtronic.com</a>	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 – <a href="http://www.microlinesurgical.com">www.microlinesurgical.com</a>	Lynn English High School
Thrive Bioscience <a href="http://www.thrivebio.com">www.thrivebio.com</a>	Salem High School
Cell Signaling Technologies <a href="http://www.cellsignal.com">www.cellsignal.com</a>	Danvers High School
<b>2013-2014 Amp It Up Companies and Teachers</b>	
Axcelis Technologies- <a href="http://www.axcelis.com">www.axcelis.com</a>	North Shore Technical High School, Lynn Vocational Technical Institute
Bomco- <a href="http://www.bomco.com">www.bomco.com</a>	Marblehead High School, Manchester Essex Regional High School
General Electric- <a href="http://www.ge.com">www.ge.com</a>	Belmonte Middle School, Salem High School
Cell Signaling- <a href="http://www.cellsignal.com">www.cellsignal.com</a>	Lynn English High School
Sylvania – <a href="http://www.sylvania.com">www.sylvania.com</a>	Swampscott Middle School
Abiomed- <a href="http://www.abiomed.com">www.abiomed.com</a>	Holten Richmond Middle School
Analogic- <a href="http://www.analogic.com">www.analogic.com</a>	Peabody Learning Academy, Higgins Middle School
Microline Surgical- <a href="http://www.microlinesurgical.com">www.microlinesurgical.com</a>	North Shore Technical High School
Applied Materials- <a href="http://www.appliedmaterials.com">www.appliedmaterials.com</a>	Masconomet Middle School, Gloucester High School