

Manufacturing Day in Massachusetts

High Schools

Burncoat High School	Manufacturing is a frequent point of discussion in our automotive technology classes.
Claremont Academy	On Tuesday October 10th, Manufacturing Day +4, all social studies classes took time to talk about the history of manufacturing in our state. We also had discussions with students about the future of manufacturing in Worcester, Massachusetts, the United States of America.
Doherty High School	<p>In addition, the integration of manufacturing principles is incorporated in each of the CVTE and CTE engineering and technology courses offered at Doherty, woven throughout the curriculum over the course of the year.</p> <p>The school has one or more speakers during our November career day that share their experiences and career path information with dozens of students.</p> <p>In addition:</p> <ul style="list-style-type: none"> - College and career oriented research in all CTE and CVTE classes, including work on Naviance and related online databases - Monthly manufacturing newsletters from Mass MEP (Massachusetts Manufacturing Extension Partnership) shared among ETA staff (sample forwarded in email) - Creation of student group to explore manufacturing student-created designs within the shop to sell as a fundraiser - December 8, 2017: 44 students from CTE and CVTE Engineering classes to attend field trip to Lincoln Tech In Connecticut for a program and campus tour
Gerald Creamer Center	Students researched Manufacturing positions in Massachusetts.
North High School	Students and teachers from the STB academy researched computer certifications that will allow them to find jobs in MA upon graduation for input into the design of our Business Technology Chapter 74 program. A district wide manufacturing awareness event funded through Amp It Up on November 15 at WTHS that had middle school guidance counselors and stem teachers learning about curriculum and tools to use in the classroom to engage students in manufacturing as a career.
University Park School	History teachers discussed the changing manufacturing economy from historical textile and paper mills, to modern day biotech manufacturing.
W.T.H.S.	Students at Worcester Technical High School promoted what QCC was doing for any interested students/staff.
Burncoat Middle School	Students at Burncoat Middle School discussed manufacturing in Worcester in Social Studies Classes.
NCC Young Adult	As part of a 5 week unit plan during the month of October and as a way to recognize Manufacturing Day, students in Literacy Acquisition (NCC Young Adult) participated in lessons surrounding immigration, the Industrial Revolution and inventions in Massachusetts (Worcester and beyond). The history of manufacturing in our community, from textiles and plastics, to rocketry and musical instruments, was explored, and students connected their community to its place in the world's technological development. Speaking, listening, reading (informational text, biographies, historical non-fiction) and writing activities were used to reinforce explicitly taught concepts. Dan Gay is exploring a field trip to the Worcester Historical Museum as an opportunity to reinforce student learning and to connect classroom learning to the Worcester Community at large.
Sullivan Middle School	Students in the 8th grade STEM class at Sullivan Middle School were engaged in building robots to do simple actions like lifting small objects and carry them a stated distance. Their design had to meet the specifications given by the teacher. Next, students moved to the practical activity of building the robot. In the final stage of the project, students had to demonstrate their robots completing the given task.
Worcester East Middle School	To acknowledge Manufacturing Day, students explored and discussed some of the manufacturing history of the city of Worcester. We focused on George C. Whitney, and his impact on the local manufacturing business within our city. Students were given a short article providing them with biographical information as well as a brief background on the Whitney Valentine Co. They also were provided with a worksheet to help them "make connections" in the reading and record information for discussion. Discussion incorporated other sites throughout the city that thrived as manufacturing sites and explored information found on the Worcester Historical Museum website.