

# cte @ hhs

Highlighting the activities and accomplishments of our Career Technical Education (CTE) programs.



Spring 2017

## Welcome!

- 26** Number of Health Occupations students confirmed to attend the program for the 2017-18 year.
- 32** Number of NAF AOIT and Programming & Web Development students committed to attend the programs for the 2017-18 year.

## NAF AOIT earns vocational status!

In January, Haverhill High School's NAF Academy of Information Technology (NAF AOIT) was officially granted vocational status by the commissioner of the Department of Elementary and Secondary Education (DESE). This distinction will enable the program to be self-sustaining through the funding available starting in 2018-2019. Students enrolled in a vocationally-certified program can take advantage of articulation agreements with local colleges and universities; engage in better preparation for certificate and post-secondary education programs; and have opportunities to build professional networks through collaboration with mentors and advisory board members.



## Real Problems / Real Solutions

Our CTE programs connect students to real-world experiences through opportunities like the MIT/Lenovo App Inventor Challenge, robotics competitions and our internship program.



# MIT / Lenovo App Inventor Challenge

Students compete in a challenge to develop mobile apps

On Tuesday, March 28, the students of the NAF Academy of Information Technology (NAF AOIT) participated in the MIT / Lenovo Scholar Network App Inventor Challenge. Grade 9 and 10 students were given Lenovo PCs and tablets and were challenged with designing, coding, developing, and testing a mobile app. Students worked in teams to:

- identify a problem;
- develop a solution to address the problem;
- design & implement a prototype;

- test the app; and
- present their app at a competition.

Students worked with industry mentors to design their apps and prepare for the competition.

The freshman class winners were Hunter Bourassa, Emma Eramo, Lindsay Joubert and Shea Vadeboncoeur with their app "Shake and Go" and the sophomore class winners were Olivia Bene', Declan Dean, Mina Girgis, Grace Michitson

and Robert Russell with their app "ZenGarden". Two apps, "ZenGarden" and "To The Rescue", were chosen overall to move on to the national competition. "To The Rescue" is the app created by sophomore class members Nicholas Bell, Tyler Daigneault, Justin Falcone, Domingo Houston, Emily Kelley, John Wholley and Treyton Wolcott.

With over 100 people in attendance, the current students were able to showcase their final products to family, friends,

## Two teams advance to finals!

mentors, teachers and incoming NAF AOIT students.

We would like to extend a big THANK YOU to our mentors who guided the teams through the entire process and served as judges in the competition.

- Vadim Beliak  
HydraCor, LLC
- Andrew Dysart  
DEKA Research & Development
- Jeff Rask  
Utility Cloud
- Gordon Reynolds  
Haverhill High School
- Richard Smyth  
Stoneham Public Schools

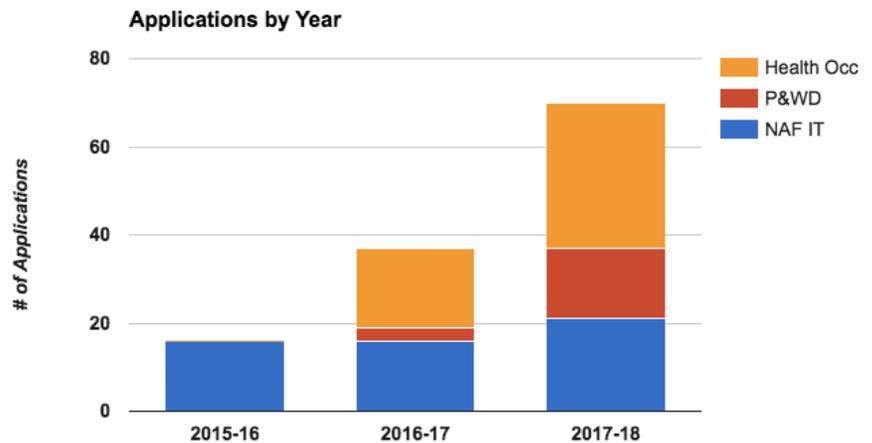


- Joe Veilleux  
Google
- Chris Valliere  
HydraCor, LLC

## Programs continue to grow!

Haverhill High School's CTE programs have generated a lot of interest over the past few years. Our CTE programs have shown a steady rise in applications due to:

- labor and student demand for health and technology related careers;
- rigorous recruitment strategies at our district middle schools including Hill View Montessori, St. Joseph's and Sacred Heart;
- our state of the art medical and computer labs.



## Health Occupations Kickoff Event

On Tuesday, May 19, Haverhill High School welcomed the Class of 2021 Healthcare Occupations students. The event included a health-themed college and career fair with participation by local hospitals, healthcare providers, colleges and universities. Students completed a scavenger hunt focused on health-related issues and college and career readiness. The new students also got to meet and interact with current students who had set up a blood pressure station (at left).

Students had the opportunity to discuss health-related careers with professionals from Lawrence General Hospital, Holy Family Hospital, Hallmark Health, Trinity EMS, Birthing Gently, Whittier Health Network and StarFire EMS. Students also discussed potential post-secondary options with UMass Lowell, Northern Essex Community College, Middlesex Community College, Regis College, Rivier University.

Many thanks to our advisory board members, local businesses, colleges, universities and district professionals for their support of the program! We would also like to extend a special thank you to Tara Campbell, owner of Birthing Gently, for the generous donation of 30 stethoscopes for our new students.



## Awards & Recognition



In February 2017, the Greater Haverhill Chamber of Commerce awarded Haverhill High School's Career Technical Education and Internship programs the Annual Business Award in the category of Education for their commitment to developing partnerships with over 100 local businesses who provide work-based learning opportunities to HHS students.

In 2017, Haverhill High School was awarded \$6,000 Connecting Activities STEM CVTE grant in partnership with the Merrimack Valley Workforce Investment Board. The funds will be used to purchase equipment allowing us to provide our Healthcare Occupations students with Healthcare Professions (HCP) Basic Life Support (BLS) certifications.

