



Programming and Software Development

News about a College Tech Prep Initiative from the Six District Educational Compact



Programming and Software students hear about the fun slides at Hyland OnBase.



Students coding an interactive tic-tac-toe board at Hyland OnBase.

Closer look at Westlake's Hyland Onbase

Programming & Software Development students toured Hyland Onbase, an enterprise, content management software company located in Westlake.

The group attended an informative presentation and toured the facilities. As part of the Hyland experience, students slid down one of the company's indoor company slides.

In addition, students had the opportunity to participate in a coding lesson with two lead programmers, who taught them how to code an interactive tic-tac-toe board.



Level I students from left, Allison Eberhardt, Stow-Munroe Falls; Miah Slaubaugh, Stow-Munroe Falls; and Valerie Thrasher, Roosevelt; waiting to hear the presentations.

Several other worksite visits are being arranged for the second semester through RITE (Regional Information Technology Engagement). This is an industry-led collaborative focused on talent development initiatives in Northeast Ohio, which offers students career exploration opportunities.



Students talked with NMG executives about the company.

Manufacturing Day tour of NMG Aerospace

As part of 2016 National Manufacturing Day on October 7, Programming and Software Development students made a worksite visit to NMG Aerospace in Stow. NMG is a privately-owned, engineering, manufacturing and logistics company serving the aerospace and industrial markets.

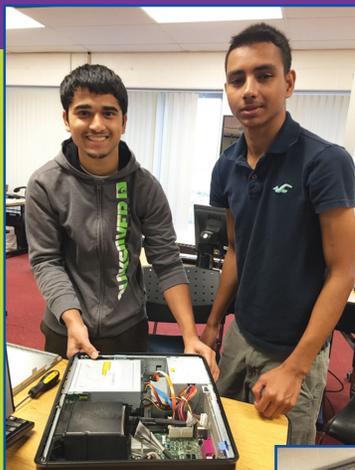
Students received a behind-the-scenes tour of the company's newly-upgraded facility. The group met with NMG executives and heard details about day-to-day operations. The event ended with a question and answer session.



Programming and Software Development students pose in front of a state-of-the-art horizontal computerized machine at NMG Aerospace.



What's happening in the classroom....



Level I students Milan Neupane, Stow-Munroe Falls, and Tara Khanal, Cuyahoga Falls, take apart a desktop computer.



"Web building" took on new meaning using string.



Software and Programming students participate in a fun "unplugged" sorting activity.

Carter Smith, Hudson, and Jackson Foster, Hudson, identify and describe computer components.



As part of the Level I curriculum for Information Technology, John Carbone, Stow-Munroe Falls, and Valerie Thrasher, Roosevelt, disassemble and identify computer components.

BPA competition winners

Website Design Team places first

Placing first at the Business and Professionals of America Regional contest, from left, **Allison Eberhardt**, Stow-Munroe Falls; **Miah Slaubaugh**, Stow-Munroe Falls; **Adam Arona**, Stow-Munroe Falls; and **Vincent Dolciato**, Woodridge.



Website Design Team comes in second

Receiving second place at the Business Professionals

of America (BPA) Regional contest, from left, **Tara Khanal**, Cuyahoga Falls; **Jacob Goodin**, Tallmadge; **Riley Jensen**, Cuyahoga Falls; and **Milan Neupane**, Stow-Munroe Falls.

Top 5 team advances to Hyland OnBase Innovation Showdown



Noah Tranbarger, Jack MacKay and Fox Noland, all Level II students from Stow-Munroe Falls, spoke to members of the Stow Rotary in October. They told the club members about their CTE initiative and plans to major in computer science in college.

A team of Programming and Software Level II students advanced to the top five in the third and final round of the Hyland Software Innovation Showdown. The event was held on Saturday, October 22, at the company's headquarters in Westlake. Hyland invites youth to participate in its Innovation Showdown, where students create a business plan and present a prototype to industry professionals.

The team of **Fox Noland**, **Vincent Dolciato**, **Jack MacKay** and **Adam Arona** interacted with lead programmers and coaches **Bobby Hosta** and **Kelly McCourt** from Hyland OnBase.

During the final presentation, team members answered technical questions about their software product prototype. They also discussed product growth and future advancements with a panel of judges consisting of the Senior Vice President of Sales and Marketing, the Vice President of Quality Assurance and Documentation and the Vice President of Technical Support.