

New Berlin Middle/High School Students Attend Manufacturing Events in Honor of National Manufacturing Day

New Berlin, Wis. – Students from the New Berlin School District had the opportunity to tour a variety of manufacturing environments on Friday, October 2 in celebration of National Manufacturing Day 2015.

New Berlin Eisenhower Middle/High School's Principles of Engineering class and New Berlin West Middle/High School's Introduction to Manufacturing class got an in-depth look at the manufacturing process at TLX Technologies, Waukesha Metal and Ultra Tool and Manufacturing, all in New Berlin. In addition, select eighth grade students were invited to tour Stanek Tool in New Berlin.

"Industry tours expose students to a wide variety of careers to help support the Academic and Career Planning process in the School District of New Berlin," said Superintendent Joe Garza. "It helps them see which careers they might like and which ones they don't. This helps guide their high school course selections and post-secondary planning. It also helps them better understand the world around them and how what they are learning in school, as well as their unique skills and talents, might be applied to solve real-world problems."

The students were able to increase their familiarity to industrial settings and the number of different professions employed by them. By touring these companies, they were able to see the intricacies of the manufacturing industry, as well as hear directly from the engineers, engineering technologists and technicians about what their job entails and the path they took to get there.

Students were asked to reflect on what they learned following the visit. There were many common themes that emerged. Students:

- noticed that the software and technologies used in their classes also were used in a real manufacturing environment.
- appreciated seeing the production process in action.
- better understood how the members of a design and production team worked together.
- were amazed at the level of precise calculations needed.
- indicated that their impression of the manufacturing environment, as well as the importance of industry to the State's economy, changed.
- cited an impact on their future career aspirations.

"Each facility did a wonderful job of showing the students that manufacturing is more than just making parts," said Eisenhower teacher Devin McKinnon. "Students were shown the complete life cycle of product development - specifically, customer request, design, prototyping, part forming, quality control, and logistics.

"As an educator I also enjoyed the tours, because it gave me insight into the manufacturing industry and related careers," McKinnon said. "Hearing from the employees will help me develop relevant, authentic, application-based learning activities for my students."

Superintendent Garza said, "We are thankful to the many businesses throughout the region, in manufacturing as well as other industry sectors, for their willingness to help mentor our students in support of the Academic and Career Planning process."

Please refer to our [Facebook page](#) for additional photos. For more information on how the School District of New Berlin supports students in related Programs of Study, please refer to the College and Career Readiness section of the District's [web site](#).

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New Berlin students John Tisoris, Dylan Duke, Sterling Leathers, Vincent Brandt, Devin Pawlowski, Logan Podlesnik visiting Waukesha Metals on Friday, October 2.



New Berlin student Lance Gebert learns about manufacturing at Ultra Tool & Die on the field trip October 2.