



# Career and Technical Education Newsletter

## CTE Connect

Arlington Public Schools

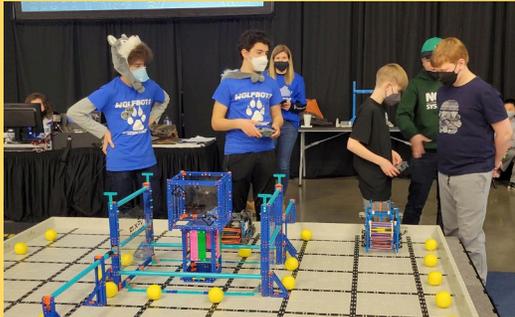
March/April 2022

The Williamsburg VEX IQ Robotics teams competed in the VEX STATES Championships at the Meadow Events Center at Kings Dominion. The team was invited after finishing 3<sup>rd</sup> and 4<sup>th</sup> at the regional competition in the cooperative events and placed high in the robotic skills events.



Students enrolled in Principals of Engineering classes across the district are designing and building computer programmed devices to sort marbles. Students will work in teams, and each team will be provided with 20 marbles, differing in size and color. Students will be challenged to use their device to sort the marbles as fast as possible.

"WL principles of engineering teams" are getting to grips with the perplexing issues of marble sorting, with both mechanical & program teams slowly getting closer to full system integration and testing.



The STATES Championship was a rigorous event. The Williamsburg VEX teams finished in 3<sup>rd</sup> and 7<sup>th</sup> place after the qualifying rounds. During the elimination matches, one of the teams -Team Sigma- came out in 2<sup>nd</sup> place and were invited to compete in the WORLD Championship in May in Dallas, Texas. Coach Robert Dudek reports that there will be 600 teams from all over the world attending that event. Good luck Williamsburg Wolves!

In February, Veronica Cross, the Early Childhood Education Resource Assistant at the Career Center created and led an activity in class in celebration of Black History Month. The activity resembled the popular game "Heads Up."



Each participating student was presented with a card. Students were instructed not to look at the card, but to hold it up in front of them for the rest of the class to see. Each card held the name of a famous African American, such as Mae Jemison and Amanda Gordon. Students in the class read each card and provided clues to help the student holding the card guess the name.



Eighth grade students in Ms. Briones Business & Information Technologies classes at Williamsburg recently participated in a lesson and activities called *It's My Future*. The lesson was presented by Mr. Piper from Junior Achievement of Greater Washington.

The lessons are designed to help students think about the future and what career path they want to follow. They write Career Maps, Resumes, and practice interviewing skills.

For more CTE news, follow us on Twitter @APS\_CTE or visit our website: [www.apsva.us/ctae](http://www.apsva.us/ctae).