



**Students enrolled in Technology of Robotic Design at Williamsburg MS** are modifying stationary bicycles to become iPad charging stations. The students have been examining the bikes' mechanisms and

wiring to determine how they can be adapted and redesigned for charging iPads. This project provides students with a "real world" study into mechanics and electronics. The students have also been researching the electricity cost of charging a tablet and have determined that, on average, it costs about \$2.00 a year. Not only will the redesigned bikes save money in electricity costs, but will also allow students to get some exercise while charging their iPad.

Robert Dudek is the Tech Ed Teacher at Williamsburg.



**Technology Education students at Kenmore** recently enjoyed a sweet treat as a result of an engineering and design project. Students researched designs and then built their own solar ovens to cook s'mores. Students collected

temperature data and modified their designs as needed, testing out the effectiveness of the solar ovens. What a fun and tasty way to learn about the design process! Matt Cupples and Jeff Politzer are the Tech Ed/STEAM Teachers at Kenmore.



A panel of subject matter experts visited the **Arlington Career Center to speak with students in the Health and Medical Science program.** Panel participants included health and medical researchers, a family nurse practitioner, a speech-language therapist, a psychologist, a massage therapist and a doctor of obstetrics and gynecology. The panelists discussed their jobs, education and background.

Students also had the opportunity to engage in one-on-one conversations with the panelists about their careers and to gain feedback on a current class project. The event was made possible by the Arlington Tech Advisory Committee.

Sidra Kalsoom is the Health/Medical Science Teacher at the Career Center.



**Students in the Emergency Medical Technician Program at the Arlington Career Center** have been learning how to respond to a cardiac arrest situation by participating in the Cardiopulmonary Resuscitation (CPR) certification training.

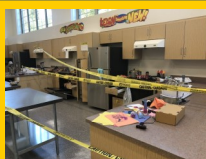


Students also recently completed a skills lab that taught body mechanics and the proper ways to lift and move patients safely.



Saruhan Hatipoglu is the EMT Instructor at the Career Center.

Family and Consumer Sciences (FACS) students at Dorothy Hamm MS recently took on the role of "Food Safety Investigators," looking for safety infractions in the kitchen.



Students identified more than 65 different infractions related to food or kitchen safety, identifying reasons why the kitchen had to be shut down. Christine Taylor is the FACS teacher.

**The Career Center Culinary Arts program** is preparing to take their cooking on the road!

A recently purchased food concession trailer will allow students to prepare and serve tasty fair outside of the school building. The goal is to be operational before the end of football season. If schools in the county would like the food trailer at an upcoming event, please contact [Ms. Randolph](#), the Culinary Arts and Sciences Teacher.



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