

Career, Technical and Adult Education Newsletter



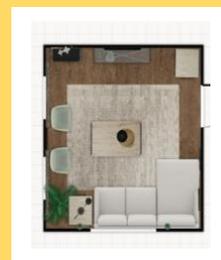
Arlington Public Schools

April 2021

Last month, Yorktown students competed in the Northern Virginia regional competition of the Technology Student Association (TSA), a national competitive program that enhances personal development, leadership, and career opportunities in science, technology, engineering and math (STEM). A total of four teams participated in this regional competition. Two teams competed in Video Game Design, one team competed in Board Game Design and one team competed in Digital Music Production. One of the Video Game Design teams placed 1st and will compete at the state-level. Greg Rusk is the Computer Science Teacher at Yorktown High School and the TSA Faculty Sponsor.



Eighth grade students in Christine Taylor's Life Management classes at Dorothy Hamm created design projects using a program called floor planner. Each student designed bedrooms that reflected their personal choices while incorporating elements and principles of design including color, texture, line, balance, harmony, and proportion.



Students in Anne Cupero's Forensic Technology classes at the Career Center did micropipetting, a skill necessary for preparing DNA for analysis through gel electrophoresis.



Eighth grade students in Mr. Ammon's Robotics classes at TJMS are each taking home an electronics kit. The kits include a microcontroller and several components, including sensors, buttons, and servo motors. Student will first use the kits to build electric circuits and demonstrate the relationship between voltage, current, and resistance. Later this spring, students will create automated systems by programming the microcontrollers to sense changes in the environment and respond by changing an output, like sounds, lights, or motion.



Health and Medical students participated in the Career Center's Health Occupation Students of America (HOSA) State Leadership Conference. The three-day virtual conference provided students the opportunity to showcase their talents by competing in medical math, medical terminology and physical therapy events. This experience all allowed students to network with professionals in the field. Sidra Kalsoom is the Health/Medical Teacher and the HOSA Faculty Sponsor.



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