

YWCA Westmoreland County News Release

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FOR IMMEDIATE RELEASE

YWCA TechGYRLS Win First Place for Mechanical Design in Robotics Competition

Our Yough Intermediate Middle School Team had the opportunity to compete at the FIRST LEGO League Challenge “Into Orbit” on January 12, 2019 at Altoona Area Jr High School. The girls had ten challenges on the competition table to complete. They also had to do a presentation pertaining to the challenge topics solving problems using FIRST Core Values: Discovery, Innovation, Impact, Inclusion, Teamwork, and Fun. Our Yough Intermediate Middle School Team took first place for the mechanical design of their robot!

The YWCA TechGYRLS Program empowers young women ages 11-14 through education and exposure to robotics technology and promotes continued involvement in science, technology, engineering and mathematics (STEM). This program makes it possible for girls to experience “hands-on” computer programming and physics, along with building and operating autonomous robots in an environment that promotes participation and learning.

We use the latest LEGO® MINDSTORMS® Education EV3 Technology. We currently offer TechGYRLS Robotics as an after school program in five school districts: Greensburg Salem Middle School, Jeannette McKee Elementary, Monessen Middle School, Ligonier Valley Middle School, and Yough Intermediate Middle School. We run Robolab sessions that conclude with a “Robo Expo” for the girls to demonstrate their working robots to friends and family. When the girls have completed Robolab I and Robolab II they have the opportunity to be part of a competition team sponsored by FIRST LEGO League (FLL®).

For more information on our YWCA TechGYRLS Program please call 724-834-9390 or visit our website at www.ywcawestmoreland.org.

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