Lake News Online

The Camdenton Fire Department and the Camdenton R-III FIRST® LASER 3284 High School Robotics team partnered to help the team to achieve certificates in fire extinguisher safety training this week in the Camdenton Afterschool Program.

April 25, 2016

The Camdenton Fire Department and the Camdenton R-III ***FIRST®*** LASER 3284 High School Robotics team partnered to help the team to achieve certificates in fire extinguisher safety training this week in the Camdenton Afterschool Program.

The fire department shared a safety presentation with the team to teach about the different types of fires and what types of fire extinguisher should be used to put out a fire. The discussion included information about ordinary combustibles, flammable liquids and energized electrical fires. Lieutenant Clarke explained when you would use a water fire extinguisher, dry chemical extinguisher, water fire extinguisher or a carbon dioxide extinguisher to extinguish flames.

Students were taught about the care and maintenance and about inspections, how to tell if an extinguisher is full, to make sure there was not any corrosion or mechanical issues, no nozzle obstruction and to check the couplings on the extinguisher. In addition, they were reminded to first call 911 in the event of a fire, be aware of the smoke and approach from upwind of the fire and never to put the fire between yourself and an exit.

Students were then allowed to put into practice the knowledge they had learned. Each student was required to put out a small fire under the supervision of Camdenton Fire Chief Drew Stark, Lieutenant Clarke, and firefighters Justin Putnam and Dustin Webb. The Camdenton Fire Department issued a certificate of fire extinguisher training to each team member.

The LASER 3284 robotics team is a seven time recipient of the Under Writer's Laboratory Safety award through ***FIRST*®** robotics and a six time world championship qualifier. Last year at the World Championship the team was recognized as a finalist in their division for safety. The team quickly set the goal to achieve the ultimate ***FIRST*®** UL safety award at this year's World Championship event.

Co-Safety Captains Adrianna Sharp and Hailey Green oversee the safety program for LASER 3284. They have worked diligently to make sure all team members are trained in appropriate safety measures while working in the shop with machinery to build the team robot. Safety tests are given prior to any student being allowed to use equipment and students are taught to use machinery by professional mentors from the Lake Community.

In addition the LASER 3284 robotics team has gone above and beyond by helping to make the Lake area safer by requiring all LASER team members and mentors to be CPR certified. The team also has worked extensively with the Missouri State Patrol and the Water Auxiliary to promote water safety in not only Camdenton Schools, but also in the Lake area. The team shared the Underwriter's Laboratory and Disney produced water safety videos with students, handed out life jackets and also refurbished small boats that include a sound system and move to give demonstrations in classrooms in partnership with the Water Auxiliary to teach young children the importance of wearing life jackets.

The team has qualified and heads to St. Louis next week to compete for the sixth time in seven years for the World Championship title with their 2016 robot named Ballista. The World Championship brings all four divisions of ***FIRST*®** (FLL Jr, FLL, FTC and FRC) together in one place to celebrate the best and brightest young minds from around the world for a four day competition that is based on a sports model, but where students have to use innovative skills to design and build robots that compete against and form alliances with teams they most likely have never met prior to walking out on the competition fields. In addition, students give presentations, attend conference sessions and get to talk to the worlds top STEM (science, technology, engineering and math) companies and organizations. Students also visit scholarship row where they can talk to representatives from colleges like MIT, Stanford, Caltech and MS&T. ***FIRST*®** offers over 25 million dollars annually through scholarships for students majoring in STEM careers with teams from 39 countries participating in the international program.