



2014 Forsyth County Robot Run Volunteer Opportunities



■ **Inspires** children, ages 9 to 14, (grades 4-8) to participate in science and technology

■ **Engages** children in playful and meaningful learning

■ **Provides** a fun, creative, hands-on learning experience

■ **Encourages** children to think like scientists and engineers

■ **Challenges** children to solve real-world problems using robotics

■ **Connects** teams to their community

■ **Teaches** children to experiment and overcome obstacles

■ **Builds** self-esteem and confidence



The Forsyth County Robot Run Committee and the WS/FC Schools are seeking volunteers to support the 2014 Forsyth County Robot Run program in Forsyth County's public middle schools.

Program Description:

Last year, 28 robotics teams from 17 public middle schools across Forsyth County were supported by the 2013 Forsyth County Robot Run. This robotics program is designed to get children excited about science and technology -- and teach them valuable employment and life skills. Each team of approximately 10 students will program an autonomous robot (using the LEGO® MINDSTORMS® robot set) to score points on a thematic playing surface as well as create an innovative solution to a problem as part of their research project. In addition to the coaches that each middle school will provide, mentors and event volunteers are being sought from Winston-Salem companies and institutions to support this important initiative.

Team Mentor Role:

- Works with the team in his/her area of expertise to 'teach' skills the team can use to design their robot or complete the Project.
- Serves as a motivator, supporter, resource, and advisor.
- Brings a real-world perspective to problem solving but the students are responsible for the actual work.
- Interested in working with young people to help them to learn.

Robotics Event Volunteers:

- Assists with one or more of the following events:
 - Forsyth County Robot Run: October 25, 2014 7:00 a.m. – 4:00 p.m. at Atkins Academic & Technology High School
 - FLL Robotics Qualifying Event: November 15 or 22, 2014 7:00 a.m. - 4:00 p.m. at Flat Rock Middle School
- Roles include: Event Judges, Runners, Table Setters, Referees, Pit Managers, Greeters and More.
- Training, snacks, lunch and a cool t-shirt provided!

To Mentor: Contact Rodessa Mitchell at mitchell@winstonsalem.com

To Volunteer for an Event: Contact Susan Phelps at sphelps@forsythtech.edu

For more information visit: www.wsrobotrun.com

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