

What is *FIRST*?

FIRST is an organization that was created to allow students to build skills in science, technology, engineering and mathematics. Increased student involvement in these fields ensures that they will possess sufficient knowledge to engage in the world around them.



Team Organization

In place of sub-teams, team 2016 has specialties, each referred to by a one-syllable word. This allows our students to be able to learn and contribute to more than one area of the team. Each specialty is lead by a Subject Matter Expert (SME).

Our technical specialties are:

- Fabrication - Fab
- Programming - Code
- Design and Modeling - CAD
- Electrical - Zap
- Drivetrain - Zoocommerce
- Strategy and Game Analysis - Game
- Safety - Safe

Our business specialties are:

- Web Design - Web
- Public Relations - Pub
- Entrepreneurship - Bucks
- Communications - Comm
- Video/Graphic Arts - Art

Our Core Values:

- Diversity
- Responsibility
- Change
- Acceptance
- Respect
- Passion

Our sponsors are helping to prepare the next generation of engineers, scientists, and technical business administrators through their support.

MANY THANKS TO OUR SPONSORS

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Department of Defense
DoDSTEM
Science · Technology · Engineering · Mathematics

NJM Insurance Group

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FIRST Team 2016 Mighty Monkey Wrenches



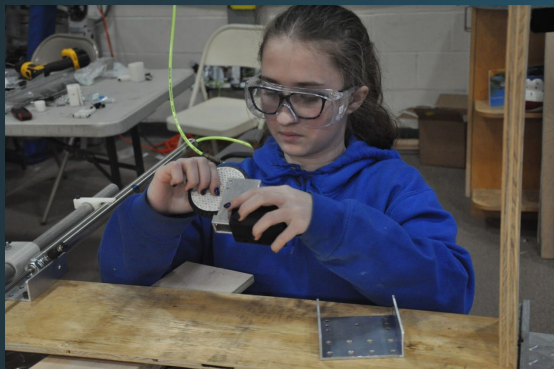
14 year team
31 students
12 mentors

Our mission



FIRST Team 2016 engages young adults in the fields of science, technology, engineering and mathematics by:

- Challenging students to design, construct, and program a competitive robot to participate in *FIRST* events.
- Empowering students to think critically, analyze and develop solutions to complex problems.
- Practicing teamwork and Gracious Professionalism as essential foundational skills to become global citizens.



Our FLL Impact

We host practice and qualifying *FIRST* Lego League (FLL) events. Our team members assist in refereeing, queuing, and directing the FLL teams. Our alumni, mentors and teachers also volunteer as judges.



Our Educational Impact

We make community appearances like at the Hands on Science Night at Antheil Elementary School. We introduce our robots, igniting students' interest in STEM. In addition, we have multiple STEM classes in our high school and middle school.



Our Community Outreach

We participate in several hours of community service and public relations opportunities during the off season. We complete over 400 hours of community service projects annually such as:

- Recycling over 340,000 eyeglasses at our local Lions Club
- Help maintain town buildings and safety signs at Kiwanis Club's Safety Town
- Cleaning areas of the community with our local Key Club
- FarmBot installation and management at EHS



Team Efforts to Promote *FIRST*

- Ewing National Night Out
- Ewing Township Community Fest
- Ewing Independence Day Fireworks Show
- EHS Football Games