



TEAM DUCT TAPE

WE STICK TOGETHER!

FTC TEAM 2845



Team Duct Tape is a *FIRST* Tech Challenge (FTC) community based youth robotics team. FTC is a middle and high school level STEM education program where students work with adult mentors to design, build, and program robots to compete in an alliance format against other teams over the course of an approximately 12 week build and competition season.

Since our founding in 2008, FTC Team Duct Tape has:

- Brought 26 students through our community team
- Introduced 17 students to the FIRST experience for the first time
- Graduated 13 students from our team, at least 11 of whom have gone into science and tech related fields of study or work.
- Impacted hundreds of youth through our extensive outreach programs, including camps, conventions and fairs.



www.TeamDuctTape.com

The *FIRST* Tech Challenge experience is a comprehensive one, engaging students in the development of all important “soft skills” as well as solid technical skills. Teams, including coaches, mentors and volunteers, are required to develop strategy and build robots based on sound engineering principles. Awards are given for the competition as for well as for community outreach, design, and other real-world accomplishments. Students involved in our program get to:

- Design, build, and program robots
- Apply real-world math and science concepts
- Develop problem-solving, organizational, and team-building skills
- Compete and cooperate in alliances and tournaments
- Qualify for over \$16 million in college scholarships



Students in our community team are guided by the values based Curiosity Driven Learning guidelines developed by Steve and Terri Willingham, founders of FTC Team Duct Tape, and outlined in the Team Duct Tape Handbook:

Our goal is to elevate character, teamwork, and academic and intellectual achievement above all else. We do not seek to win at all costs, but rather to give team members an enduring hands-on STEM experience that will serve them well into their futures. Putting character before competition has yielded a consistently high achieving team that reliably brings home trophies year after year, and is well regarded not just statewide but nationally.

Team Duct Tape students emerge from their *FIRST* Tech Challenge experience with improved academic and workforce readiness skills that make them assets to their communities and to area businesses. Your contributions to TDT inspire a new group of students to take interest in math, science, engineering and technology, and to pursue their interest beyond their high school years.



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Sponsorship Opportunities

Donations and sponsorships of all sizes are valuable and appreciated. Team 2845 is unique in its community focus. While many *FIRST* Tech Challenge teams are affiliated with funded public or private high school programs, Team 2845 draws public, private and homeschooled team members from local neighborhoods, in an effort to make high school level science and technology more accessible

Supporting Team 2845 offers many benefits to the community it represents:

- By helping defray team costs, more students are encouraged to be part of the team without incurring additional expenses to already cash-strapped families;
- Community youth will have an opportunity to learn science, math and technology skills and information not available to most of them in their local schools;
- Youth will not only learn engineering and design skills, but will also develop leadership, business, public speaking, coaching, and communication skills.
- Youth participating in *FIRST* Tech Challenge programs become eligible for college scholarships, and, most important,
- Youth will be exposed to myriad opportunities for education and careers that might otherwise remain hidden from them.

Raising a scientifically and technologically literate generation should be of utmost importance in our society at all levels. Inspiring youth at the community level will bring us closer to Dean Kamen's transformative vision of *"a world where science and technology are celebrated and where young people dream of becoming science and technology heroes."*

Your contributions will help TDT inspire a new group of students to take interest in math, science, engineering and technology, and to pursue their interest beyond their high school years. Sponsorship levels include:

Team Duct Tape Fan \$250

- Name on our team sponsor page
- Recognition in all team communications & media materials

Team Duct Tape Hero \$500

- All of the above plus
- Name on website front page

Team Duct Tape Champion \$1,000

- All of the above plus

- Company name on team banner

Team Duct Tape Partner in Progress \$2000

- All of the above plus
- Company name on robot

Team Duct Tape Partner in Science \$3,000+

- All of the above plus
- Company name prominently displayed on robot

About *FIRST*

Based in Manchester, NH, the 501 (c) (3) not-for-profit public charity designs accessible, innovative programs that motivate young people to pursue education and career opportunities in science, technology, engineering, and math, while building self-confidence, knowledge, and life skills. The goal of *FIRST*, as set forth by founder and inventor, Dean Kamen, is *"To transform our culture by creating a world where science and technology are celebrated and where young people dream of becoming science and technology leaders"*