




PWNAGE TEAM #2451
A 501 (c) (3) ORGANIZATION AND  **FIRST** ROBOTICS TEAM

SPONSORSHIP PACKET

The mission of PWNAGE Robotics is to promote interest in and knowledge of science, technology, engineering, and math throughout the communities in Northern Illinois; and to develop leadership, business, teamwork, communication and other life skills.





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ABOUT



Who Is PWNAGE?

PWNAGE is a multi-community, high school level robotics team that competes in FIRST Robotics Competitions. Our members come from over 10 high schools or are homeschooled in the western suburbs of Chicago. PWNAGE consists of 30 students, professional mentors and parent volunteers. Our team meets throughout the year at Genesis Automation in St. Charles, IL.

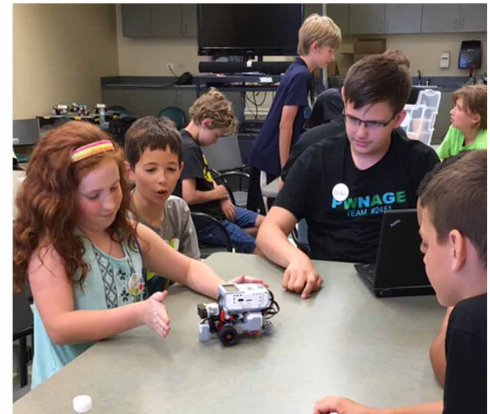
PWNAGE is governed by the Youth Robotics & STEM Education Foundation, a 501(c)(3) charity. The Foundation's motto is "Inspiring Youth Through STEM." Our Foundation believes that the United States needs students who are interested in and excited about STEM careers. It seeks to provide hands-on experience with real-world application to show students what it takes to solve problems and get the job done. The Foundation prepares future generations to serve our corporations, communities and country.

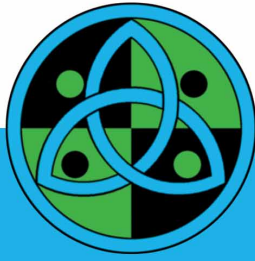
While PWNAGE has received accolades and prestigious awards, this team builds more than robots. This team builds well-rounded, independent thinkers who work together. This team builds confidence by mentoring students to take their complex, abstract ideas and bring them to life using industry grade materials and equipment. Students fabricate, program, design, and problem solve until they hold their ideas in their hands in the form of gears, motors, and more. They also gain business acumen, project management experience, communication skills and leadership abilities.

Each FRC season kicks off in January with a new game. After the season ends in April, our team is actively involved in our communities, hosting educational science and programming camps for kids age 5-12, and presenting at various fairs, trade shows, schools, and other outreach events and service projects. In recent years, these have included: NIU STEM Fest, Museum of Science & Industry, St. Charles Light Parade, The Assembly Show, community STEM events, BSA Demonstrations, the DuPage County Fair, and many more. Whenever we participate in community events, we gratefully recognize our sponsors.

Support the Future

Your support of PWNAGE has far-reaching effects. Donations help sustain an organization that provides unique experiences to future leaders. The majority of students who graduate from our program pursue careers in engineering or technology, and all alumni have attended college.





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Why FIRST?



FIRST ROBOTICS COMPETITION (FRC)

Combining the excitement of sport with the rigors of science and technology, FIRST Robotics Competition is the ultimate Sport for the Mind.

What is FIRST?

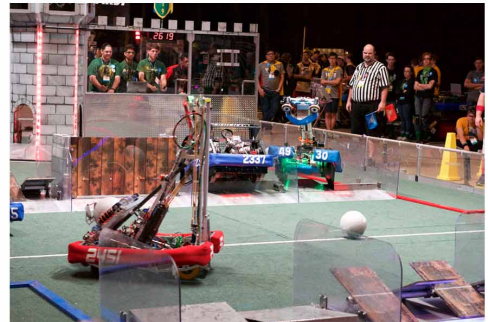
FIRST (For Inspiration and Recognition of Science and Technology) was founded in 1989 by inventor and entrepreneur Dean Kamen, with inspiration and assistance from physicist and MIT professor emeritus Woodie Flowers. FIRST has a unique culture, built around two values. Gracious Professionalism embraces empathy, knowledge and respect for other teams, while Coopertition emphasizes that teams can compete and cooperate at the same time. The goal of the program is to inspire students to be science and technology leaders.



In FRC, students work alongside volunteer mentors, engineers and other professionals throughout the entire development process, from conception to the final product -- building a robot for competition, as well as raising funds, creating a team "brand" and honing teamwork skills. Winning is not solely defined by scoring the most points -- FIRST also awards teams for achievements in design, creativity, innovation, business plans, etc.

The Game

In general, FIRST Robotics Competition operates during the school year. The season begins in early January when the game challenge is announced at a kickoff ceremony. Teams have six weeks to design, fabricate, assemble, program and test a robot that weighs 120 pounds.



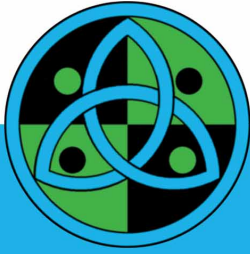
Matches are always played by an alliance of 3 robots vs. another alliance of 3 teams, which are randomly assigned and change with each match. Strategy and cooperation with other teams are essential for success. District and Regional competition events, each spanning 4 days, start in late February and continue through April. Teams that qualify are invited to FIRST Championship at the end of April. There are also many off-season events in which teams can participate, strategize, hone their skills, learn new technologies, meet other teams, and have fun!

Past games have included unique versions of frisbee golf, basketball, soccer, hockey, and are completely new each season. Please go to firstinspires.org to learn more about FRC and other levels of robotics competition for youth ages 6-18.



2017 FIRST Robotics Competition Impact

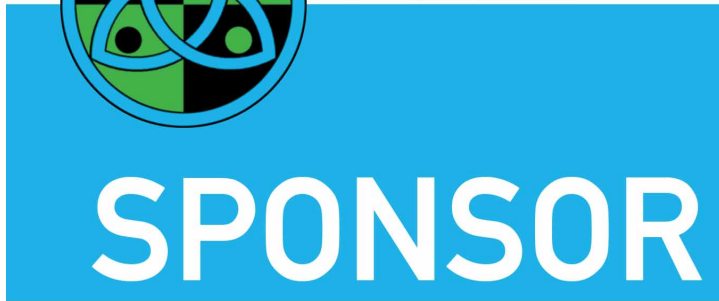
- 3400 teams worldwide
- 85,000 participants



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Financial Support

Participation in FIRST is not only demanding, invigorating and fun, but financially challenging as well. Our sponsorship goal is to raise **\$30,000-\$50,000** each season, to cover event registration fees, travel costs, robot parts and electronics. PWNAGE is not supported by FIRST or any school, so we depend on the generous support of corporate sponsors, local businesses, and private contributions including families of team members.

How Can You Help?

Part of the FIRST mission is for teams to create bonds within the community by partnering with corporate and private sponsors to meet their operating budgets and material needs. Financial contributions are tax-deductible, and we accept in-kind donations of materials or services also.

Become a PWNAGE Sponsor

Choose a level that is right for you. In addition to knowing you're helping kids do great things, your contribution will be recognized in the following ways:

	Platinum	Gold	Silver	Bronze	PWNAGE	Friends of PWNAGE
	\$10,000	\$5,000	\$2,500	\$1,000	\$250	\$25
Bumper sticker	X	X	X	X	X	X
Invitation to team Open House	X	X	X	X	X	X
Recognition on team website	X	X	X	X	X	
Business name/logo displayed in pit area at competitions	LARGE	LARGE	MEDIUM	SMALL		
Sponsor recognition	Plaque	Plaque	Certificate	Certificate		
Business name/logo placement on official shirt*	Logo	Logo	Name			
Business name/logo displayed on robot*	X	X				
Recognition announcement at FIRST events	X	X				
Robot demonstration at business location by request	X					

**Donation must be received by January 31st to be included*

Materials and Services Needed

- Aluminum stock material (tube, flat, angle...)
- Plywood, 2 x 4's
- Hardware (bolts, nuts, washers, screws, rivets...)
- Hand and power tools
- Lexan, polycarbonate
- Safety glasses
- Screen printing services : t-shirts, banners, signage
- Printing services : business cards, brochures, flyers, newsletters
- Metal cutting services/machining services
- Food or beverage donations for six-week build season

To Donate, please contact Bonnie Hale at: team2451pwnage@gmail.com



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AWARDS



PUNAGE has been building award-winning robots since it was founded in 2010.

The 2016-2017 season will be our eighth season competing in FIRST Robotics Competition. At the end of last season, our team was ranked in the top 1% of all FRC teams in the world.

2016

- FIRST Championship - Semi-Finalist, Tesla Division
- St. Louis Regional Competition - Winner
- Industrial Design Award
- Midwest Regional Competition - Winner
- Woodie Flowers Finalist - Mentor Scott Hale
- Indiana Robotics Invitational - Semi-Finalist
- R2OC Rock River Off-Season Competition - Winner

2015

- FIRST Championship - Robotics Creativity Award
- Arkansas Regional Competition - Winner
- Innovation in Control Systems Award

2014

- FIRST Championship - Finalist, Curie Division
- FIRST Championship - Robotics Creativity Award
- Midwest Regional Competition - Winner
- Excellence in Engineering Award

2013

- Midwest Regional Competition - Finalist
- Industrial Design Award

2012

- FIRST Championship
- Midwest Regional Competition
- Engineering Inspiration Award

2011

- FIRST Championship
- Midwest Regional Competition

2010

- Midwest Regional Competition - Finalist
- Engineering Excellence Award

