



FOR INSPIRATION AND RECOGNITION OF SCIENCE AND TECHNOLOGY

Thank you for your interest in FIRST Robotics Team 1736, Robot Casserole! We are looking for business partners to help sponsor our team for the 2019 season. This will be the 14th year that we will compete in the FIRST Robotics Competition, an annual event bringing professionals and students together in teams to solve an engineering design problem in an intense, cooperative, and competitive way. Participation in this event incurs expenses like entry fees, parts, materials, and travel expenses. We are in need of support to assist our team in achieving our goal to compete in regional events in Peoria and win a place in the Championship event held in Detroit, Michigan, in April of 2019. Your support can help us achieve that.

While participating in events is exciting and fun, FIRST Robotics is about much more than robots and competitions. It is about exposing young people to science, technology, engineering and math in a positive way, giving students an opportunity to get hands-on experience under the guidance of volunteer mentors, and teaching them about teamwork, gracious professionalism, and cooperation while competing. Please see the sponsorship sheet for a list of ways you can help.

Sincerely,

Students and Mentors of FIRST Robotics Team 1736, Robot Casserole

Email: frc1736@gmail.com Address: Robot Casserole Team 1736, 10744 N. Bodell Dr., Peoria, IL 61615

My organization _____ would like to become a:

- Platinum Sponsor (\$5,000) Gold Sponsor (\$2,500) Friends of Robot Casserole (\$100)
Silver Sponsor (\$1,000) Bronze Sponsor (\$500)

Enclosed with this form is our check for \$_____

Please make checks payable to Illinois FIRST with "for Team 1736" on the memo line, a 501c3 tax-exempt organization.

My organization would also like to help by:

- Providing Mentors Providing Materials
Providing Machining or Other Services Other _____

Thank you for your support of our program. We would like to have all our sponsors identified by December 1, 2018.

Contact Information

Contact Name: _____ Phone Number: _____

Email Address: _____

Mailing Address: _____



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TEAM MISSION

As *FIRST* Robotics Team 1736, Robot Casserole, our mission is to inspire and foster students' natural curiosities and ingenuity by using a technical challenge within real-life constraints that promotes the development of leadership, teamwork, problem-solving, technical, creative, software, and communication skills. We wish to be a prominent and visible force within our community that encourages gracious professionalism, cooperation, volunteerism, and hands-on STEM-based learning.

THE VALUE AND IMPACT OF SUPPORTING *FIRST* ROBOTICS TEAM 1736

For 14 years Robot Casserole has recruited and mentored high school students from Peoria and surrounding area public, private, and home schools for participation in the annual *FIRST* Robotics Competition. Students meet with volunteer mentors to learn skills such as project planning, mechanical fabrication, electrical wiring, computer-aided drawing, software programming, business logistics, photography, and filmmaking.

The team is about far more than competitions: community outreach is just as important to us to inspire other students to consider STEM fields. Our team plans and hosts an annual event to inspire young minds to consider STEM fields and participation in programs such as *FIRST* LEGO League, *FIRST* Tech Challenge, and *FIRST* Robotics Competition. The Peoria Riverfront Museum is host of our multi-team RoboRumble event, which draws media attention and large crowds of people. The team teaches LEGO programming classes during the summer. We visit schools, perform community service, and participate in events such as the Greater Peoria Career Spark, introduce a Girl to STEM Day, and Go Baby Go.

Our efforts have come full circle: we have students who started with our team while in high school, graduated from college in STEM fields, are employed in STEM fields locally, and have returned to the team to mentor and inspire the current students on the team.

SPONSOR BENEFITS

The biggest benefit of partnership is knowing that you can make a difference in the life of a young person by supplying them with the opportunity to participate on a *FIRST* Robotics Competition team. In appreciation of your support, there will be many opportunities for your company logo to be displayed in our team's pit and on our robot, which will be present at all the *FIRST* robotics events our team participates in. By showing your interest in our team, we will update you through newsletters, during our build season, as we progress and prepare for the competition. On a final note, your contribution is multiplied when our students interact with the community to inspire them to consider STEM fields and participation in *FIRST* programs. Please take the time to view the Sponsorship sheet for a list of ways your company can be a part of the growing STEM community.



Sponsorship Opportunities



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3 WAYS YOU CAN HELP

- Make a financial donation
- Provide in-kind donations of materials or services
- Recruit mentors for our team from your company

	Platinum	Gold	Silver	Bronze	Friends of Robot Casserole
	\$5,000	\$2,500	\$1,000	\$500	Under \$500
Sponsor recognition on the team website and brochures	x	x	x	x	x
Recognition at community events we participate in	x	x	x	x	x
Business name and/or logo displayed in pit area at competitions	x	x	x	x	
Invitation to the Open House during the build season	x	x	x		
Business name and/ or logo displayed on the robot	x	x			
Recognition at FIRST events we participate in	x	x			
Sponsor recognition plaque	x	x			
Named in all team press releases	x	x			
Robot demonstration at business location by request	x				

Materials and Services Needed

Aluminum stock material (tube, flat, angle...)
 Plywood, 2x4s
 Hardware (bolts, nuts, washers, screws, rivets...)
 Hand and power tools
 Lexan, poly carbonate
 Safety glasses
 Screen printing services: t-shirts, banners, signage
 Printing services: business cards, brochures, flyers, newsletters, posters
 Metal cutting services/machining services
 Aluminum welding services
 Food donations for six-week build season & completions

Mentors Needed

If you have an interest in working with high school students, mentoring may be for you! Both technical and non-technical mentors are integral for the success of the team. If you are interested in this rewarding experience, please contact us.

Primary Mentor Roles:

- Design and 3D Modeling
- Mechanical Fabrication
- Electrical Controls and Pneumatics
- Programming
- Marketing, Fundraising
- Administration (organization & communication)
- Media (Website, Photography, Video)
- Travel and Logistics
- Sponsorship and Fundraising
- Community Events Coordinator

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2018 Activities

- January Kick-off and start of six-week build season.
- February Robot demonstration at Engineering Day, Peoria Riverfront Museum.
- March Central IL Regional, FIRST Robotics Competition.
- April Seven Rivers Regional & World Championship, FIRST Robotics Competition.
- June Volunteer at the LEGO Mindstorm workshop at Peoria District 150 School ♦ Organized multi-team RoboRumble event at the Peoria Riverfront Museum official stop on the *Science Treasure Hunt* sponsored by Peoria Academy of Science ♦ Peoria Chiefs Robotics Night, robot throws first pitch.
- July Volunteered for GoBabyGo workshop to modify battery powered cars for the toddlers with disabilities at Spina Bifida clinic at Children’s Hospital of Illinois (CHOI) ♦ Attend the Rock River off-season competition.
- August Demonstration at the Ignite Peoria, Makerfest ♦ Volunteer at Caterpillar STEM Fair.
- September Team Recruitment and Training ♦ Mentoring *FIRST* LEGO League teams.
- October Team Training ♦ Robot demo at Caterpillar to increase awareness of *FIRST* and recruit mentors ♦ Demo at Greater Peoria *Careers Spark event* ♦ Participate in Women’s Initiative Network’s *Introduce a Girl to STEAM Day* for area Junior High girls.
- December Team Training ♦ Volunteering at *FIRST* LEGO League Qualifying Tournament at Bradley University.

