

Southport Robotics



FIRST ROBOTICS COMPETITION TEAM 1529

The CyberCards

YOUR BUSINESS NAME HERE!



Friends of the team

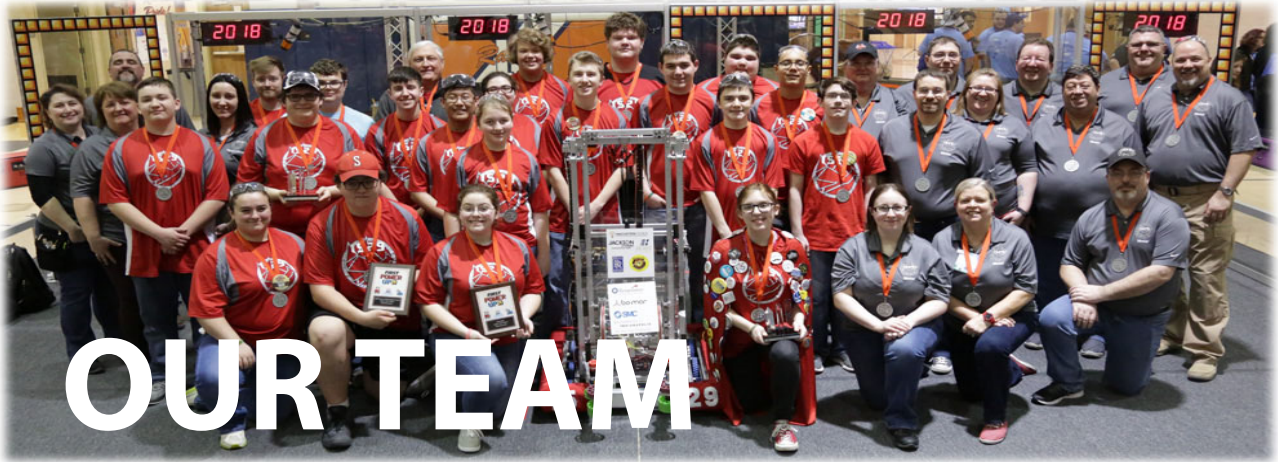
Super Treasurer Toby Bell

Colors: Inc. | Jockish Flowers | Bob's Tu Your Door Pizza

Kroger | Barnes & Noble | Patricia L. McKinnon, Esq.

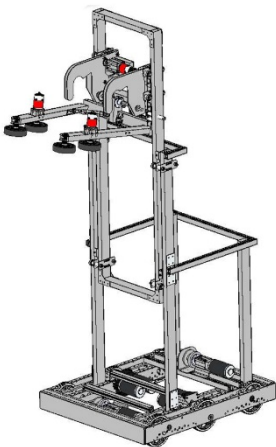
Special thanks to the friends and families of FRC 1529!

SOUTHPORT CyberCards FIRST ROBOTICS TEAM 1529



OUR TEAM

The mission of FRC Team 1529 is to create self-confident leaders who are college or career ready. To put our mission into motion, we focus on directly involving students in the professional fields of engineering, business, and media through collaboration with volunteer professionals and in partnership with local companies and corporations. All work together as a team to encourage students to find their passion, become an expert in their passion, and to communicate that passion to others in the community.



We create opportunities for students to:

- ▶ Build and compete with a robot they design themselves
- ▶ Work alongside professional engineers
- ▶ Learn to use professional hardware and software
- ▶ Develop skills such as engineering design, project management, programming, teamwork, and strategic thinking
- ▶ Qualify for over \$50 million in college scholarships otherwise inaccessible outside of *FIRST*

More important than competitive success and awards

is the fact that our members realize the values of STEM (Science, Technology, Engineering, and Mathematics) while gaining a greater respect for the benefits of a good education. Our team gives high school students the opportunity to work alongside industry professionals and build foundations essential to engineering such as those in machining, computer aided design, and programming

During our time together, we will work to complete many outreach events and community service projects. We participate in a 6-week build season where we design and build a robot to meet the FIRST robotic competition challenge. Our accomplishments over the years include:

- ▶ Winning Pit Safety Award
- ▶ Imagery Award
- ▶ Qualified for World
- ▶ Industrial Design Award



Our students apply skills gained from FIRST to other practical projects, including running an off-season tournament entitled CAGE Match; building a mobile remote-controlled T-shirt cannon for public relations; and building a surveillance robot for Southport Police Department.

Our greatest point of pride is the Southport CyberCards are building a better future for both our teammates and our community. The students on FRC Team 1529 are coming together and bonding in unimaginable ways. These bonds allow us to rise above any obstacle that may come before us, including overcoming a difficult start to our season. Our mentors have volunteered long days and nights to help us forge ahead and succeed. Constructing a robot is only a fraction of the amazing work accomplished every year by the CyberCards. As our team vision statement expresses, we are creating college and career ready students who are prepared for life beyond high school.



Learning engineering fundamentals early in their educational career gives our members an advantage. Our alumni have gone on to obtain science and engineering degrees from top universities, including Purdue University, Rose-Hulman Institute of Technology, Wabash, IUPUI, Ball State, Ivy Tech, and University of Southern Indiana.

FIRST - “A Sport for the Mind”

The FIRST Robotics Competition combines the excitement of sports with the rigors of science and technology. Over a six-week period, students design, manufacture, assemble, program, and test a robot to perform prescribed tasks against a field of competitors. It is as close to “real world” engineering as a high school student can get. Teams compete in district competitions and at the World Championships



FIRST Robotics Students Are

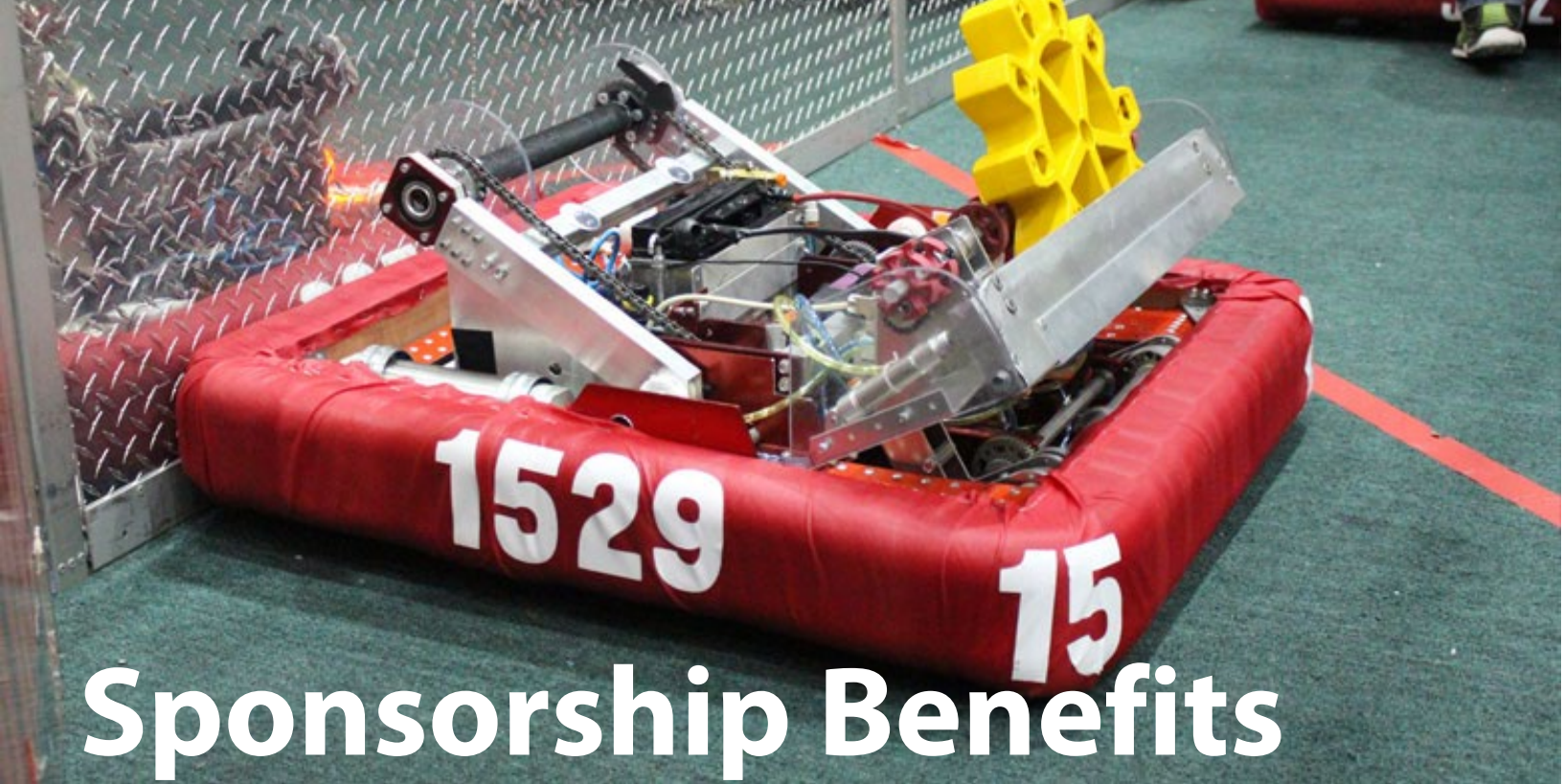
- ▶ Four times as likely to pursue a career in engineering
- ▶ Twice as likely to pursue a career in science and technology
- ▶ More than twice as likely to volunteer in their communities

“FIRST creates programs where its participants are limited only by the bounds of their imagination and gives them a forum to begin to examine the world’s problems by exploring science, technology, engineering and math.”

- Congressman Jim Langevin (Rhode Island)

An investment for the future

This investment will go beyond just the members of our team. We view it as our responsibility not only to inspire our members, but also to enrich the community around us with an appreciation for and an understanding of STEM. This year alone, our team members contributed over 3,000 volunteer hours mentoring young students and demonstrating our robots for local companies and at numerous festivals and fairs. Your business can be part of this revolution in science education and help *FIRST* achieve its vision of a world where STEM is valued.



Sponsorship Benefits

Benefits

In addition to participating in the education of the future generation of engineers and scientists, sponsors of Team 1529, depending on donation amount, also receive public acknowledgment on our



- ▶ Website
- ▶ Team T-shirt
- ▶ Robot
- ▶ Team Posters
- ▶ Other team promotional materials

Your company's name and logo will be showcased at a variety of nationally acclaimed events and publicized in local and national media.



Over the last year, our team has contributed to over 33 events, including the demoing our robot for local elementary students, helping Boy and Girl Scouts with robot badges, joining with our local YMCA after school program to provide a FIRST Lego League Jr. teams to students who are part of the after-school program, and a car show, honoring the contributions and life of fallen Southport Police officer Lt. Aaron Allan.

More importantly, however, the inclusion of sponsor logos on our team material generate valuable public relations for our sponsors as we compete and interact with hundreds, if not thousands, of bright, potential engineers and scientists in *FIRST* competitions.

Furthermore, at the end of our competition season, we demonstrate our robot at sponsoring companies and hold a sponsor appreciation event for representatives of sponsoring companies to attend.

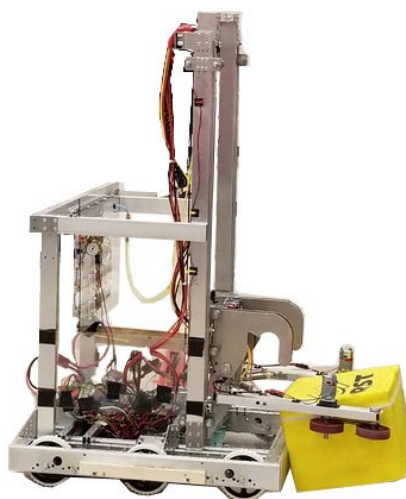


Red Sponsor

\$5000+ in money, goods, or services

Benefits:

- ▶ Request Team 1529 robots to appear at company events
- ▶ Logo placed most prominently on robot and promotional materials
- ▶ Recognition announced at competition
- ▶ All Silver and White Level benefits



Silver Sponsor

Up to \$3000 in money, goods, or services

Benefits:

- ▶ Logo on all promotional materials
- ▶ Invitation to sponsor appreciation event
- ▶ All White Level benefits

White Sponsor

Above \$1000 in money, goods, or services

Benefits:

- ▶ Logo on Website and Robot

Friends of the Team

Any donation between \$250 and \$999 in money, goods, or services.

Benefits: Name on shirt.

Contact Us

If you would like more information on Southport Robotics Team 1529 or would like to be a part of our award-winning program for the current year, please contact us.

Head Coach

Mark Snodgrass

msnodgrass@perryschools.org

Assistant Coach

Rob Borho

frc1529@gmail.com

Parent Liaison

Tara Thorstad

cardinalroboticsassociation@gmail.com

Mailing Address

Southport High School
967 E. Banta Road
Indianapolis, IN 46227

Team 1529 operates under the 501(c)(3) nonprofit organization Cardinal Robotics Association, Inc. and Southport High School. We appreciate both in-kind and in-cash donations. A W-9 form can be provided on request. Our tax ID is 82-4663085. Checks can be made payable to Cardinal Robotics Association, Inc. All donations are tax deductible.

As a *FIRST* Robotics Team, there are many costs associated with running a team. Below is a list of specific items that the team is fundraising money for, in addition to the general costs associated with running the team.

| Item | Number Needed | Single-Item Cost | Final Cost |
|---|---------------|-------------------|-----------------|
| Banners/Promotional Items | 2 | \$250 | \$500 |
| Team T-Shirts | 200 | \$10 | \$1,000 |
| Saturday Lunches | 40 | \$7/Student | \$2800 |
| Building Materials (Aluminum, Wood, fasteners, polycarbonate) | Many | \$2,000 | \$2,000 |
| Robot Electronics (Equipment requirements set by <i>FIRST</i> HQ) | Many | \$1,000 - \$2,000 | \$1,000-\$2,000 |
| Practice Field Pieces | 4 | \$80 | \$320 |
| Trailer Decals | 1 | \$500 | \$500 |
| DSLR Camera | 1 | \$500 | \$500 |
| Pit Equipment | Many | \$3,000 | \$3,000 |
| Hand Tools | Many | | |
| Power Tools | Many | | |
| iPads/Tablets | 6 | \$500 | \$3000 |

Beyond materials cost, the team is also in need to mentors that could help in the following areas:

| Primary Mentor Roles | Role Description |
|-----------------------|---|
| Marketing | Assist with team marketing and creating a business plan |
| Mechanical | Help the students build and assemble a competition robot |
| Media | Work with students to expand their production skills by creating promotional videos |
| Electrical | Teach the students basic electrical board set ups and management |
| Finance | Organize the team financial structure and identify fundraising opportunities |
| Engineering Design | Strategize, design, and manage robot creation |
| Project Management | Set time and performance goals to meet deadlines |
| Programming | Program the robot for competition |
| Scholarship & Careers | Train students on scholarship submissions & showcase STEM careers for students |

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Southport CyberCards

FIRST Team 1529



Sponsorship Information

(Please print or type so we can accurately include your information)

Business Name: _____

Contact Person: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: () _____ Email: _____

Business Website: _____

Would you like to receive periodic updates about the CyberCards progress throughout the year? (Circle one)

Yes

No

Please make checks payable to: Cardinal Robotics Association (in memo write FRC 1529)

Give checks to your student contact, or mail to:

Attn: FRC 1529

**Southport High School 971 E. Banta Road
Indianapolis, Indiana 46227**

Student Contact: _____

Amount Donated: \$ _____ Check # _____ Cash _____

Material Donation: _____

www.facebook.com/FRC1529
www.twitter.com/FRC1529

Thank you for your support!
Your generosity is truly appreciated!