

1. Briefly describe the impact of the *FIRST* program on team participants with special emphasis on the current season and the preceding two to five years

The FIRST program transforms our students into learners, teachers, and leaders. As a large team, each member can find their own niche within one of our 17 sub teams, allowing them to enhance specific STEM and business expertise. We develop time management, communication, & collaboration skills while working with experienced mentors and students. FIRST inspires us to be good community partners through our core values, entrepreneurship, service projects and helping impact other teams.

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2. Describe the impact of the *FIRST* program on your community with special emphasis on the current season and the preceding two to five years

FIRST inspires our team to support our community. We are well known in the area as a *FIRST* team that helps when needed. We help at many science fairs at local schools, pack trucks for the Assistance League, clean up at a local Halloween event, raise funds for the local food pantry & for Muslim representation in books for Girls of the Crescent. We have raised over \$110,000 for the American Cancer Society for 15+ years. Our local and county school systems and mayor have acknowledged our efforts.

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3. Describe the team's innovative or creative method to spread the *FIRST* message

Through our Ambassador Program we form connections & inspire STEM in other countries by having our students demonstrate EV3s when they travel abroad. Through this program, we have connected with three Japanese teams & inspired kids in Australia, England, Haiti, & Mexico to engage in STEM. Locally, we demonstrate our robot at a Christmas Parade, reaching 80,000 people. We demonstrate our robot at several sponsor locations & local elementary schools. We also support the LGBTQ+ of FIRST community.

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4. Describe examples of how your team members act as role models and inspire other *FIRST* team members to emulate

Our students mentor 21 teams in all levels of *FIRST* being a role model for 116 students in our school district. Several members of our team have leadership roles that inspire others as club presidents, officers, & leading committees & non-profits. Even *FIRST* recognizes our students abilities through the Dean's List Finalists we have had. Not only are our current members role models, but our alumni and mentors also volunteer as *FIRST* referees, VCs, FTAA's, FTA's and judges for FTC. **485**

5. Describe the team's initiatives to help start or form other FRC teams

We started Team 5436 by providing them with a build space, funding, supplies & mentoring for their first two years. We also support teams 3478 in Mexico & 3096 in Detroit. We still collaborate with these teams, along with other teams, with conference calls. We aided Japanese teams 6909 & 7631 in their rookie years with online communication, as a result of our Ambassador Program. We build pipelines to FRC, by working with teams at all levels, allowing us to build current and future *FIRST* teams. **498**

6. Describe the team's initiatives to help start or form other *FIRST* teams (including Jr.FLL, FLL, & FTC)

Over the past 5 years, we have consistently supported other *FIRST* teams. In 2014, we started an FLL team at one of our feeder schools. We have expanded to 14 Jr.FLL & 6 FLL teams in 4 schools through registration, funding support & providing student mentors. We started one of our feeder middle school's FTC team this year by providing funding, mentors & access to our build space. With these efforts, we have brought over 160 students into the *FIRST* progression this year alone. **485**

7. Describe the team's initiatives on assisting other *FIRST* teams (including Jr.FLL, FLL, FTC, & FRC) with progressing through the *FIRST* program

In Jr.FLL/FLL, we assist teams by attending their competitions and giving them advice. We also hosted an FTC event this year. We provide materials, tools and our build space, to assist an FTC team and multiple FRC teams. Our team supports other *FIRST* teams through info on our website, publications, assistance with business planning, and sharing of Chairman's ideas. We host a collaboration call every Saturday with 9 other FRC teams sharing ideas, supplies, 3D print designs, and resources. **488**

8. Describe how your team works with other *FIRST* teams to serve as mentors to younger or less experienced *FIRST* teams (includes Jr.FLL, FLL, FTC, & FRC teams)

We collaborate with several other less experienced *FIRST* teams in the U.S. & abroad. Every one of our 64 veteran students mentors one of the 21 FLL, JrFLL, or FTC teams. We mentor Team 3096 by providing help building parts in our build space, advice through conference calls & support at events where they compete. We provide programming assistance to a young team in the upper peninsula through conference calls. We share scouting information with others, even those we compete against. **484**

9. Describe your Corporate/University Sponsors

Our main sponsors, GM, R&G Drummer, FCA, DoDSTEM, Thyssenkrupp, JTEKT, & NEMAK, have been providing great sponsorships sustained over the years. This year we have added Bosch and TekPro Today. We have received donations from alumni families, the State of Michigan, Emagine Entertainment, Rochester Community Schools, & Advanced Rochester Dentistry. We also have a few sponsors who supply parts or fabrication. Our sponsors also give us mentoring, vital to our success. **465**

10. Describe the strength of your partnership with your sponsors with special emphasis on the current season and the preceding two to five years

We demo our robot at several sponsor locations annually. We invite them to our annual Meet the Adambots day, where they see what their assistance does for us & keep them updated through our newsletter. Emagine Entertainment has allowed us to screen *FIRST* kickoffs in their

theater. Our bond with our sponsors is so strong that 90% of them come back the next year. This includes many of our mentors, 60% who stay even after their children graduate & allow us to continue our funding. **484**

11. For FIRST Robotics Competition teams older than 5 years, briefly describe your team's broader impact from its inception

Since 1999, our team has cultivated 300 alumni, many of which have contributed to the *FIRST* program. We contribute more than 1,000 service hours per year while consistently helping at local events by providing volunteers & donations. We share our engineering & business expertise to the global *FIRST* community through video calls, group chats, presentations abroad & online resources located on our website. The Adambots have a 21 year tradition of impacting both our local community and *FIRST*. **494**

12. Describe how your team would explain what *FIRST* is to someone who has never heard of it

We asked our team to describe *FIRST* in 3 words. The most frequent responses include fun, commitment, teamwork, dedication, learning, & hard work. *FIRST* fosters a passion for STEM & business in students by teaching critical skills in a fun & engaging way through their sports-like competition setup. However, the program does not revolve around students building a robot, it's an entire process, from business planning & fabrication to giving back to the community and being an inspiration within it. **499**

13. Briefly describe other matters of interest to the *FIRST* Judges, if any

As a veteran team of 21 years, we compete in many off-season events. In 2018 we ran and hosted the first ever League Meet FTC event. This year we hosted the League Qualifier. Students can earn a robotics varsity letter and an honor cord for graduation. 20 of our 34 mentors don't have children on the team, illustrating their passion for the Adambots. Our alumni continue to volunteer to give back to *FIRST*. Our average GPA is 3.9. We have five students who are National Merit semi-finalists. **499**