



2017 TEAM 801 HORSEPOWER

# Horsepower News

## 1/14/2018

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## What is FIRST FRC Robotics?



Under strict rules, limited resources, and the guidance of volunteer mentors including engineers, teachers, business professionals, parents, alumni and more, teams of 25+ students have just six weeks to build and program robots to perform challenging tasks against a field of competitors. They must also raise funds, design a team "brand," hone teamwork skills, and perform community outreach. In addition to learning valuable STEM and life skills, participants are eligible to apply for \$50+ million in college scholarships.

[www.firstinspires.org](http://www.firstinspires.org)

### Team 801 Knowledge

-Team 801 Horsepower was started during the 2001-2002 FIRST FRC Season.

-Team 801 Horsepower is comprised of students from Edgewood Jr/Sr High, Merritt Island High School, Cocoa Beach High School, as well as Home Schooled students.



## Senior Corner

Ethan Sampson, Edgewood Jr/Sr High

***What has been your role on the team?***

I have been on the programming team since 9<sup>th</sup> grade.  
The last 2 years, I have also been on the Mechanical team.

***What do you want to major in, in college?***

I plan on pursuing a degree in Mechanical Engineering.

## Consider Being a Mentor

Our mentors come to us, from all walks of life. We have Engineers, Programmers, Sheriff Officers, Accountants, Teachers, Moms, Dads and Grandparents who come help our team. If you are interested in helping these amazing talented students on the team, please contact us at [team801contact@gmail.com](mailto:team801contact@gmail.com).



KICK OFF!!!



FIRST Robotics Competition is the ultimate *Sport for the Mind™*, where imagination and innovation come together! By combining the excitement of sport and beauty of art with the rigors of science and technology, teams of high school students (ages 14 - 18/grades 9 - 12) are challenged to design a team “brand,” hone teamwork skills, and build and program robots to perform tasks against a field of competitors.

Teams work together to build, program and test robots with the guidance of adult mentors. Teams then compete with their robots as family and friends cheer from the stands at more than 160 events worldwide – all leading up to the 2018 FIRST Championship, April 18 - 21 in Houston, TX and April 25 - 28 in Detroit, MI.

Team 801 Horsepower had their Kick off event at Edgewood Jr/Sr High. January 6<sup>th</sup>, 2018 was marked with excitement and fun, as we found out the game for this season, and we began to strategize our play.

Please take a few minutes to watch and get a feel for what this years game will be about.

[https://youtu.be/MM\\_JWAON6PI](https://youtu.be/MM_JWAON6PI)



Team 801 Horsepower can be followed through their website [www.team801.com](http://www.team801.com), our Facebook page; FRC Team 801 Horsepower and on Twitter; @801Horsepower

Please contact Team 801 by email:

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