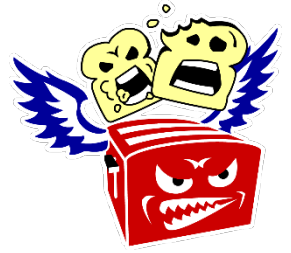


**South Lyon High Schools Unified  
Robotics Team  
Team #3641 “The Flying Toasters”**



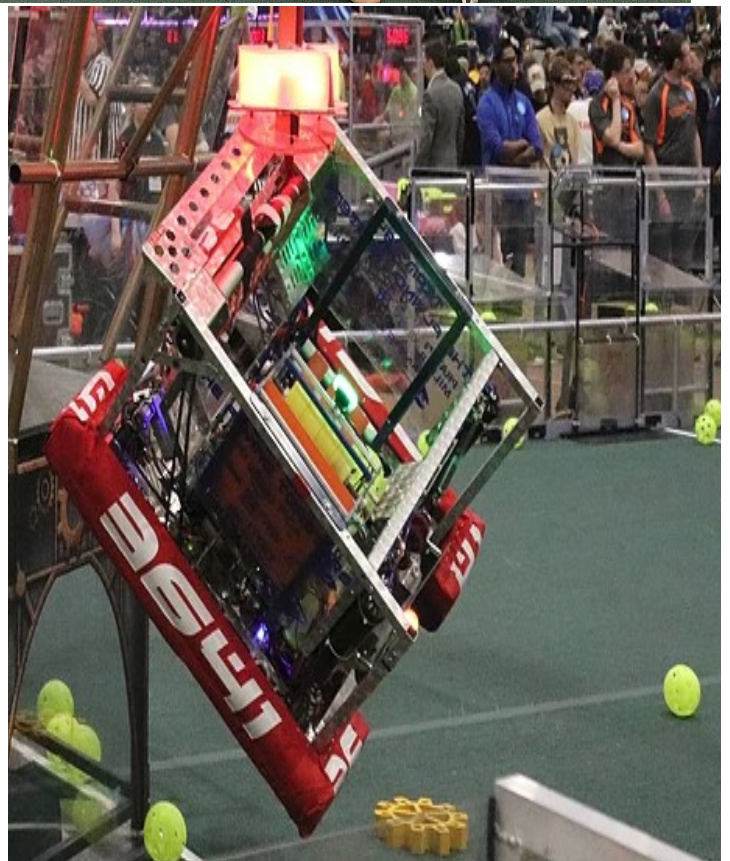
**Who are the we?**

We are the Flying Toasters, a FIRST™ robotics team comprised of students from both South Lyon and South Lyon East High School. Since 2011, the Toasters have grown from seven to 58 students who are gaining real world experience in STEAM fields.



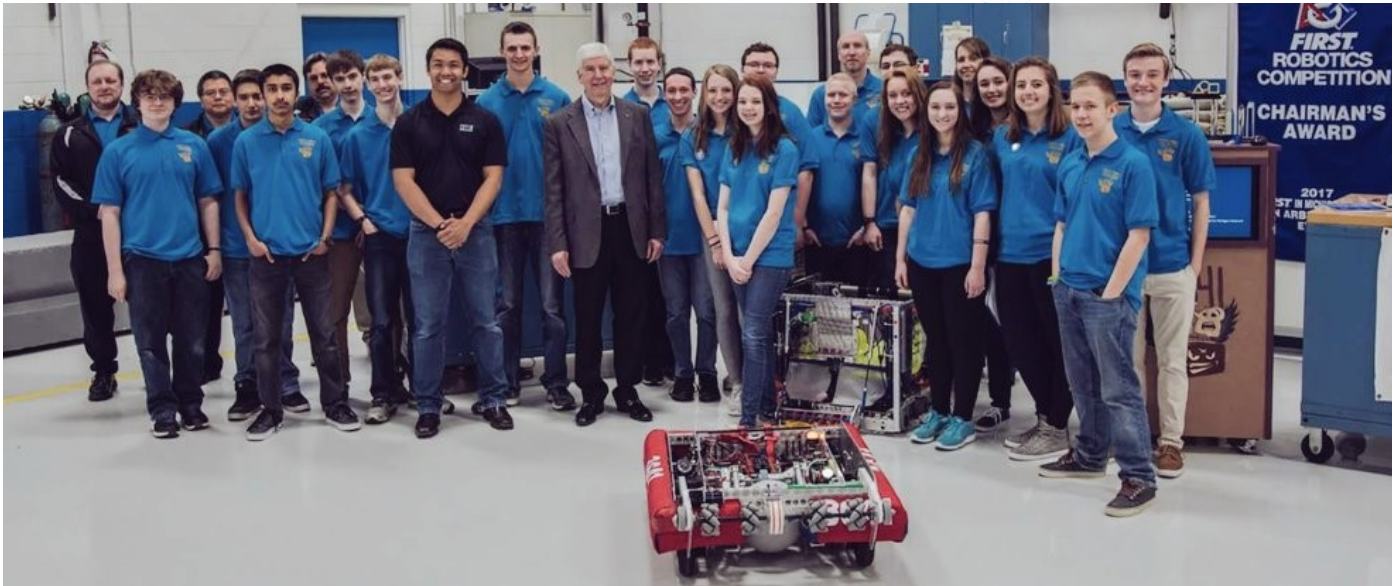
**What is FIRST?**

FIRST™ stands for For Inspiration and Recognition of Science and Technology. It is a global organization challenging students from kindergarten-12th grade to become leaders and innovators. FIRST™ combines the excitement of sport with the rigors of science and technology that provides the closest real-world engineering experience a student can get.



## What do we do?

Under strict rules, limited resources, and an intense six-week time limit, our team is challenged to raise funds, design a team "brand," hone teamwork skills, and build and program industrial-size robots to play a difficult field game against like-minded competitors. Each year, NASA sends out a challenge that has pushed us to build robots ranging from Frisbee launchers to recycling tote stackers. Last season, we were faced with the challenge "Steamworks", where two Alliances had to pick up and place gears, shoot whiffle balls into an eight foot tall basket, and climb a rope at the end of the game.

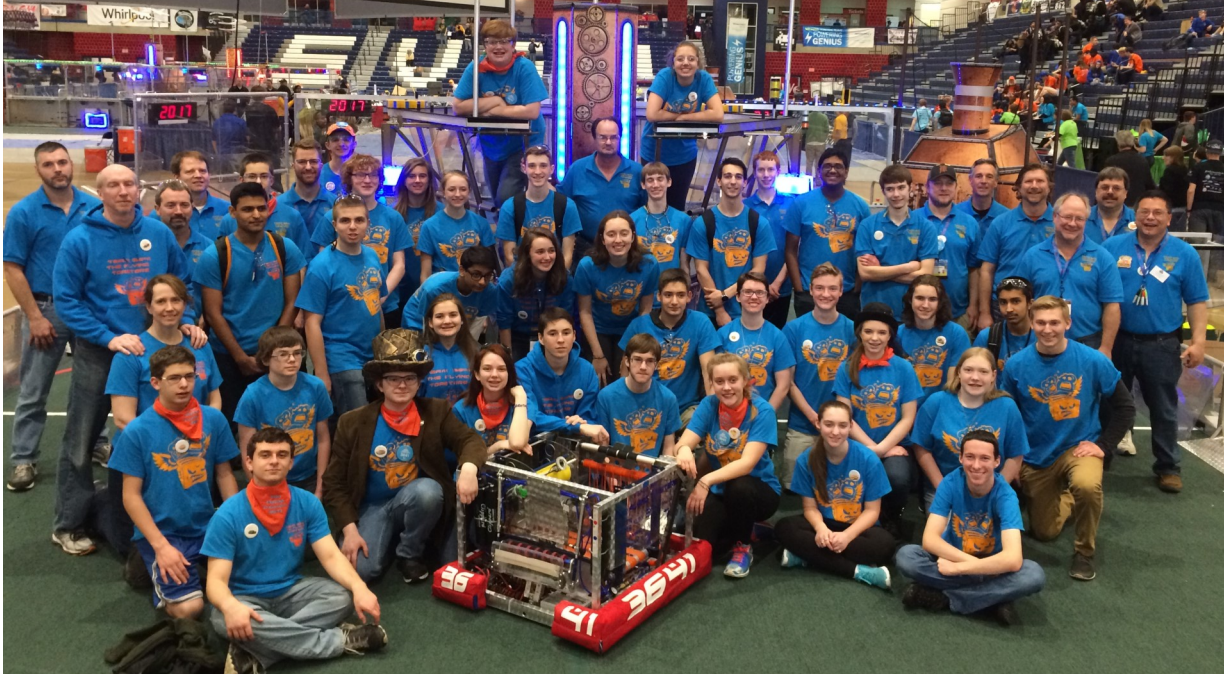


## But there is more to the Toasters than our robot...

We strive to engage the minds of our community using several outreach methods including publishing a children's book, holding classes at our local library, and mentoring teams at the middle and elementary school levels. In addition, we have presented at the Governor's summit on Education and the Michigan State House of Representatives.

## What have we accomplished?

In 2017, we traveled to the Michigan State Championship and have qualified for the World Championship in St. Louis, MO three times in the seven years since we formed our team. We have also won the most coveted award, the community outreach award, at many competitions, including the 2017 season!



## What does your donation go towards?

Designing an industrial robot every year does not come without its costs. Our students must raise the funds necessary to build our robot and participate in competitions. Your donation will go towards helping us achieve our goal to inspire and intrigue, unite and achieve greatness. Thank you for considering donating to The Flying Toasters robotics team.



**Please Check Out Our Website:**  
**[www.theflyingtoasters.org](http://www.theflyingtoasters.org)**