



## Lincoln-Way Central Robotics Team – Team Number FTC14683

### All little about the Club

The Lincoln-Way Central Robotics team competed in the FIRST Tech Challenge in 2018 as a rookie team and was able to compete at the Illinois state competition.

Lincoln-Way Central Robotics competes as part of the FIRST (For Inspiration and Recognition of Science and Technology) Tech challenge. The mission of FIRST is to inspire young people to be science and technology leaders, by engaging them in exciting Mentor-based programs that build science, engineering, and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership.

In FTC, students have 6 weeks to design, build and improve a robot. This short period flies by so quickly with so many tasks to be done. The process of going from a kit of parts and a blank sheet of paper to a completed robot participating in competitions is long and stressful, yet the benefits from FTC go far beyond just a robot. FTC gives students exposure to engineering, technical design, business management, marketing and many more skills that can be used throughout their lives.

We would like to gain the support of our club members parents this year. We plan on having a parent's night in early to mid-September to let the club members show you what they are working on. This is a very hands on club and members will be using tools, software and different construction techniques to build their competition robots. We have 3D printers, a CNC router, and power tools. We encourage parents to get involved and help with the building process. If you have back grounds in engineering, construction, programing, design, or just want to learn something new with your student, we would be happy to have you. The club meets after school on Tuesday, Wednesday and Thursday. This gives students options on when they can fit time in to their schedules. We will also be setting up for some Saturday hours so members can come in and work as well. Parents will be welcome to attend on these days.

### Competition Website - <https://www.firstinspires.org/robotics/ftc> - First Tech Challenge

There are generally 4 competitions and then a sectional meet, and then possibly state. These are all held on Saturdays. We will send out a schedule and links via the website and email once that has been determined. We leave from the high school around 6:30 am and usually return by 3pm. We would appreciate any support from parents in suppling snacks or water on those days. Families are invited to come and watch the competitions which start between 9:30 and 10am.

### Fundraising

The team could really use some help with this. We seem to always find enough money to get by, and the coaches pitch in as much as they can, but if we could get some help from parents on this, it would be greatly appreciated. We would love to get company sponsors. Please contact one of the coaches if you would like to help with this or any facet of the club.

Sincerely,  
Lincoln-way central Robotics Team - FTC14683

Addition  
information:



<https://lwc-robotics.org>

### Coach Contacts

Todd Drumheller [tdrumheller@lw210.org](mailto:tdrumheller@lw210.org) or  
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