

## 2020 FRC Game: Infinite Recharge

Nearly 100,000 high-school students and 3,898 teams at 160 venues around the world joined the 2020 Kickoff via live broadcast. FIRST has teamed up with the Star Wars: Force for Change philanthropic initiative to inspire the next generation of heroes and innovators, creating a place where collaboration and collective wisdom can elevate new ideas and foster growth.

### **Game Description**

The new 2020 FIRST Robotics game is called Infinite Recharge ([Reveal Animation](#)). Teams have to:

- Collect small dodgeballs called “Power Cells” and shoot them into goals 7 feet in the air
- Spin a “Wheel of Fortune” style color wheel to advance stages
- Hang off and balance on a swinging bar called a “Shield Generator”

### **Upcoming Events**

- **January 4th Kickoff**
  - Pewaukee High School
- **Feb 15 FLL Jr Expo**
  - Pewaukee Lake Elementary
- **Feb 16 Sussex Mini Regional.**
  - Sussex Hamilton High School
- **March 4-8 Duluth Northern Lights**
  - DECC Arena
- **March 18-21 Milwaukee Regional**
  - Panther Arena



### **Discovery World Girls & Stem Day**

Girls & STEM was created to **inspire creativity and curiosity in females** through engaging hands-on activities that demonstrate and integrate science, technology, engineering, and math. **Our Team 1259 members supported Clarios employees** as they taught the STEM girls how to light colorful LEDs by turning limes into batteries!



### **Safety and Training Day**

We hosted a training session in order to acquaint members with the different tools and machines that would be used to build the robot. **Each machine was thoroughly explained to ensure all students felt comfortable operating them.** Students then built a small wooden robot. Paradigm Shift's Safety Manual has been updated with the latest FIRST safety



### **FRC Training Day at WCTC**

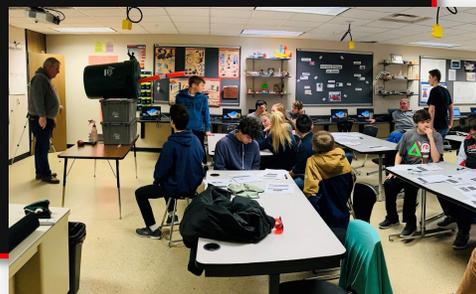
Waukesha County Technical College hosted a training day for robotics students. This event was open to all rookie and veteran members. **The Pewaukee Robotics Team also demonstrated last year's robot for rookies to observe and drive.** Our Team 1259 coach hosted a class on the electrical control systems of robots. This was a great learning opportunity for all.





### Mock Kickoff

On December 7th, members of the Pewaukee Robotics Team assembled for a mock kickoff. **New and returning members practiced what it would be like to start the season.** Students watched a past season's game challenge and went through all the typical steps the team would go through at the real kickoff.



### Kickoff

The Pewaukee Robotics Team kicked off the robotics season on January 4th, 2020. After the game was revealed, members carefully read the 125-page game manual, looking for the various restrictions and limitations. **A lot of brainstorming went on as students tried to get a grasp of the new Infinite Recharge game this year.** The team also started mocking up some of these brainstormed ideas for the robot.



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