

XTREME HEAT

**XTREME HEAT
223**



**MODERATE HEAT
265**

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Contact Information

Business Name: Team 223
Xtreme Heat

Contact Person: Randy Coren

Address: 205 Conklingtown Road,
Wanaque, NJ 07456

Phone: 973-835-1900 ext. 798

Email:
xtremeheat223@gmail.com

**Thank you for all your generous support of the
FIRST Robotics Team 223!**

DESIGN TEAM

CURRENT PROJECTS:

- WORKING ON 265 T-SHIRT AND BUTTON DESIGN
- WORKING ON 223 T-SHIRT DESIGN
- STANDARD WITH MOVING PARTS AND LED

GOALS: MAKE MANY MORE BUTTONS

BUSINESS TEAM

CURRENT PROJECTS:

- SPIRIT AND ARTS AND CRAFT WEEK
- UPDATE SOCIAL MEDIA AND WEBSITE
- SPONSOR PACKETS

GOALS: SUBMIT AWARDS AND GET NEW SPONSORS



PROGRAMMING TEAM

CURRENT PROJECTS:

- WORKING OUT ISSUES IN THE PROGRAM
- SETTING UP A GENERAL CODE FOR DRIVING THE ROBOT

PLANS: ACHIEVE GOALS IN TIMELY MANNER

BUILD TEAM

CURRENT PROJECTS:

- PRACTICE BOT DRIVE TRAIN COMPLETED, JUST WORKING OUT KINCKS
- ASSEMBLE SHOOTER

GOALS: DRIVING PRACTICE BOT BY SATURDAY

Parent Updates

Arts and Craft Week

February 13th-17th

To create new posters and promote spirit!
Please donate any supplies!! Thank you!!!

“The science of today is the technology of tommorrow.”
Edward Teller

Ways to help the team

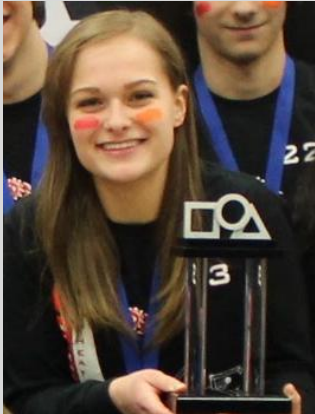
The team can be at the school until late hours of the night. We could order pizza, but we always appreciate a nice home cooked meal. If you are interested in providing a meal for the team, whether it be breakfast or lunch on weekends, or dinner during the week, please contact Karen Gauharou (973-583-3770 or k2luv2travel@yahoo.com). We also greatly appreciate snacks such as granola bars, fruit, and anything thing else that we can just grab and go with. Thank you!

Fun Fact

To use *Inventor* you need patience and if you would like to color something in, you go to *Appearance* and select a color.

If you or somebody you know is interested in sponsoring the team, please feel free to contact us!

Spotlight Questions



Hello my name is Jess C., and I am currently a senior. I have been on Team 223 for 4 years. I have gained experience in business from being a part of Team 223. I've also been able to work on my presentation skills and how to be more professional. My favorite memory from being on this team has been going to St. Louis, and watching everyone throw paper airplanes from every inch of the stadium. I've completed "too much", such as: the Business plan, updating the website, social media, the sponsor chart, overseeing photo and video production, and overseeing graphic design. What I like the most about the team is how everyone is close to another and has similar interests. Therefore, with FIRST we can express different parts of science, tech, business, where everyone is supportive and equally interested. I heard about the team through Middle School and by being invited to participate in a Girl Power Competition with a fellow student my age, and a Junior at the time. I got to be a drive team operator which was a great experience.

Hello, my name is Pete Sobel and I was first a part of the Technology club, then Mr. Coren made a Robotics team, which replaced the other club. I was encouraged to assist the team because we built a robot in 6 weeks from scratch and it was amazing. I really liked all of the numbnuts from the team. I was informed about being a part of FIRST through a teacher notification. The departments I mentor is build for 265, and I make sure nobody goes to QuickCheck and cuts class. My goal for this season is St. Louis and for future seasons, Randy Coren vs. NASA, every season the design works.



2017 Season *FIRST* Robotics Challenge

FIRST annually creates an engineering game to challenge high school students. They promote skills that can be useful throughout their lives. Some skills they develop are strategy skills, elements of teamwork, leadership skills and most importantly, the idea of gracious professionalism. *FIRST* releases a game reveal video along with other helpful tools on a specified date each year which then begins the 6 week build season.



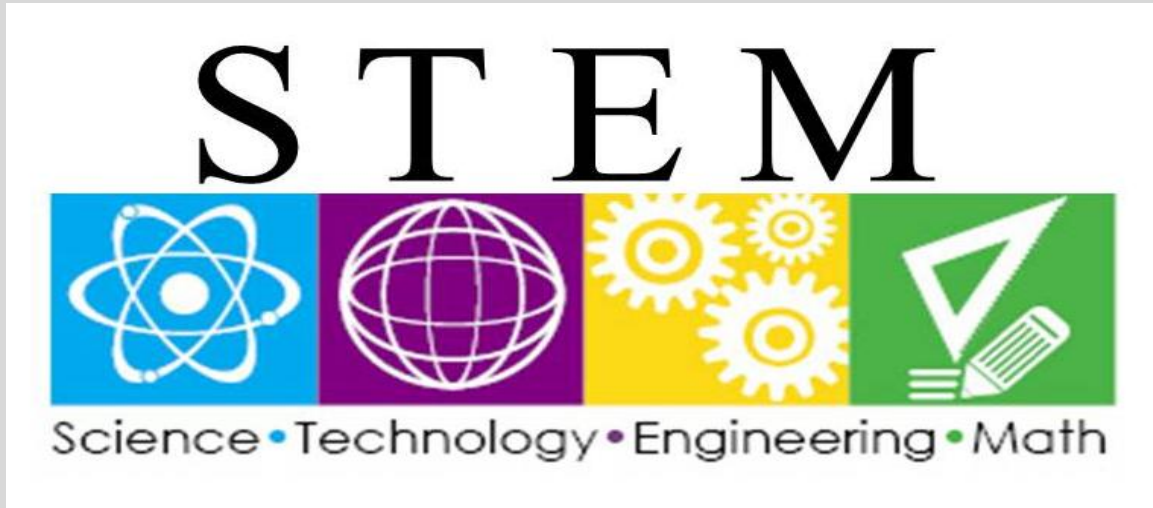
This year's game, *SteamWorks* was released on Saturday, January 7th. The students on Xtreme Heat -Team 223 and Moderate Heat -Team 265 gathered around the projection screen to see their new challenge. On this day, the teams brainstormed with one of their collaboration team's high school, Team 1676 Pascack Pioneers. There, the students were able to perform the game with humans acting as robots in order to develop a better understanding of the rules and play of the game. Afterwards, students broke off into groups to discuss priorities that the robot should possess along with an efficient robot design. On Sunday, January 8th, both teams got together to brainstorm as one team. Thoughts were soaring, gears were cranking, and our priorities and goals became clear.

Steamworks "invites two adventure clubs from an era in which technology relied on steam power to prepare their airships for an ultimate long distance race." Each three-team alliance scores points and prepares to take flight by building "steam pressure", gathering materials to start the rotors, and boarding robots onto airships. The adventurer club with the highest score at the end of the match is the best prepared for the race and wins." Team 223 Xtreme Heat is ready to ignite the season and tackle each obstacle one at a time!

For more information please click on the links below:

Video: <https://www.youtube.com/watch?v=RwwnbLSW6hY>

Manual: <https://firstfrc.blob.core.windows.net/frc2017/Manual/2017FRCGameSeasonManual.pdf>



Team 223 School Involvement

Helping out with the all school production:

While busy with our upcoming competitions, we understand the importance of being involved in the school community. This year's All School Production – *The Little Mermaid* requires our creative construction skills to build a durable, two sided chair on wheels to be Ursula's throne and a boat. In previous years, we have helped assemble other production props such as the unique gas mask and the confetti cannon for the production of *Little Shop of Horrors* and a movable car in the production of *Grease*. Team 223 continues to remain active in our local and school communities.

Storytime with Sobel

"Do as I say, not as I do" Colonel Whitton

In my time in the army, because everyone should go to the army, we were at the train station where we were loading up the tanks, and we all had hard caps. Because Colonel Whitton took off his hard cap and was wearing a baseball cap, I decided to put on my soft cap. Then I got in so much trouble because how dangerous it was, and Colonel Whitton told me, "Do as I say, not as I do". I said it would never happen again, and I learned my lesson that day.