

Girl Powered

Tori Brookings and Audra Mcleod
7983A

Background



- ★ We are currently juniors and in our second year of the robotics program at Centennial High School.
- ★ Prior to robotics, neither of us had participated in anything that had involved engineering or robotics. Our opportunity to become apart of the program despite our lack of experience displays the inclusivity present at Centennial robotics.
- ★ During our first year, we got to explore the various roles that make up a VEX team and discover which ones appealed to us best as we found our place in the program. Because of this chance to become accustomed to all the aspects of the VEX competition, we were able to learn that we enjoy contributing to brainstorming, building, and working on the notebook the most.

Team Members



- ★ Our current team consists of us and four other junior boys. Their names are Peter Villalon, Bryce Burrow, Tyler Avery and Drew Itturira.
- ★ The diversity on our team is apparent because all of us are involved in differing academic classes and extracurriculars. For example, we have been apart of PLTW Biomed for all of highschool while the boys have been apart of Engineering. Our different backgrounds allow for us to bring unique perspectives to our design process. We also have the opportunity to be provided with a better understanding about engineering and robotics from the boys due to their experience in their prior classes.
- ★ Our 2018-2019 season competing in the Turning Point competition has gone very well. We have ended most of our tournaments in high ranking positions and were able to continue far into the elimination finals of these tournaments.

Roles on Team



- ★ Our role on the team primarily revolves around recording all of the team's activity and progress in the notebook, which would include information such as: sketches, autonomous programs, strategy ideas, etc. This requires a great deal of communication between us and our fellow teammates, as it is essential that we thoroughly understand their thought process/designs.
- ★ Audra is also present on the drive team in order to provide advice to the team driver concerning effective courses of action when in a game scenario. She also is trained to be the driver in circumstances in which the former could not attend.

Team Environment



- ★ 7983A has ensured that it has maintained a friendly and open working environment throughout the year, in which all members can easily collaborate with one another for a variety of tasks.
- ★ We are free to discuss all matters related to the improvement of the robot and/or the team, and include one another in all activities/decisions.
- ★ It is this cohesive nature of our team that enables us to function so effectively and efficiently complete our objectives.