

League Competition 1: 11/21/15

Seattle Academy is hosting this year's league competitions! In preparation for the competition, they changed the bar for the wheel arm so it wouldn't bend. They also swapped out the treads for the new treads and the motors, fixing the tensioning in the treads. Finally, they added a second wheel so it would go up the ramp.

The competition is shorter this year. We had volunteers from SAAS, Skunkworks Robotics (now doing FRC), and Chickenados. We borrowed game elements from Garfield in order to have a practice field.

The operator for our team only had to press one button. There's a lot of interest in being on the drive team. Because of this, for each match, the operator switched off. Wilson, Peter, Shanti, Arielle, and AJ all had the chance to be on the drive team! It was a great experience because a lot of us had never had the chance to drive during a competition. Wilson had a great time being on the drive team. He liked working with the team and being able to interact with the other teams.

Red Shift ran a concessions stand that raised money for the robotics team that just began at Rotary Boys and Girls club.

In true robotics fashion, we also had a dance competition. Jasmine from 5619 won!

At the competition, we were 5/5 and the only undefeated team there!

We learned that blocks are very difficult to go over. We need a way to avoid the blocks because they got in our way when trying to go up the ramp.

We had some issues because if the phones and the robot are too far apart, they disconnect from Wifi direct. To fix this, the team had to run two blocks away to reconnect. They need to build a faraday cage to fix this problem so the wifi corrects itself.

For the next competition, we need to keep the blocks from getting away and get to the high zone.

League Competition 2: 12/5/15

This competition was a success! AJ emceed, with the help of various of our team members. There was another concession stand to benefit the Rotary Boys and Girls Club robotics team.

The autonomous was a success! It worked 3 of 5 times, so it scored both climbers all of the times it worked. We were able to hang 4 of the 5 times and were the first team to hang in our league! The one time it didn't work, we were able to park in the high zone.

We picked one operator this time because it required a little more focus, meaning the person had to know when to run the tape measure to hang. Therefore, the team had a competitive few rounds of rock paper scissors and Wilson came out on top. He was our operator at the league competition.

The team went undefeated again and is the only undefeated team in the state!

Interleague Competition: 1/16/16

Everyone had a great time at Interleague. Judging went great and we spoke about our team structure and outreach at the pits. The robot won 4 of its 5 matches and was first going into alliance matches. 2856 finished as the finalist alliance and won the Inspire award!

There were some problems with the robot. For example, our autonomous wasn't working very well. It kept getting confused. In addition, the gears for the stabilizing wheel had to be replaced three times throughout the competition. Although the robot wasn't working perfectly, we still did very well. Now, we know that this new chassis is very important for State.

5619 was on the winning alliance! We're so proud of them for being able to hang!

Washington State Competition - January 30th, 2016