



The Regal Report



April 2022 Newsletter

World Championships

Regal Eagles soared to Houston, Texas April, 19th along with another 454 teams from 43 different countries around the world. On Wednesday, April 20th, practice matches began at the George Brown Convention Center. Throughout the practice matches and the competitions, we played defense against the opposing alliances. On Thursday, April 21st,



the qualification matches of the competition games began. We played five matches during the first day in the Roebbling division. The second day of the matches was Friday where we played another 5 qualification matches. Our robot suffered a couple of complications on the first and second day of qualification matches. Thursday, our mechanical and electrical team had to replace a failed motor. When we had removed our robot from its shipping crate, the robot shifted. This caused the motor to burn out on the first day of matches. The pit crew replaced the motor with an extra we had brought to Houston. Somehow, the second motor burnt out. The switching and replacing of the two damaged motors occurred between two matches. Because of this, we had to play defense. 4 out of 6 of the robot's wheels were running on bare tread. The pit crew eventually ran out of time to fix this new complication. We had to fix everything over a break period in the matches with no time to test if what we had done fixed the problem. We essentially had to test the robot's function during a competition match. Everything had ended up working but the excitement and stress had set the tone for the rest of our trip. The next day, our wheels lost the treading due to all the defense we played. Though our team was not chosen as a top 8 team to continue onto finals matches, there were plenty of team bonding moments and memories created in Houston and throughout the rest of the

season. The hardships the team endured during matches taught us many lessons to prepare us for any other issues our team may encounter in the future. We are so grateful we were one of the 454 FIRST Robotics Competition teams, which is the top 10% of teams, that earned the right to have a spot in the 2022 Houston World Championships.