



vex[®]
ROBOTICS

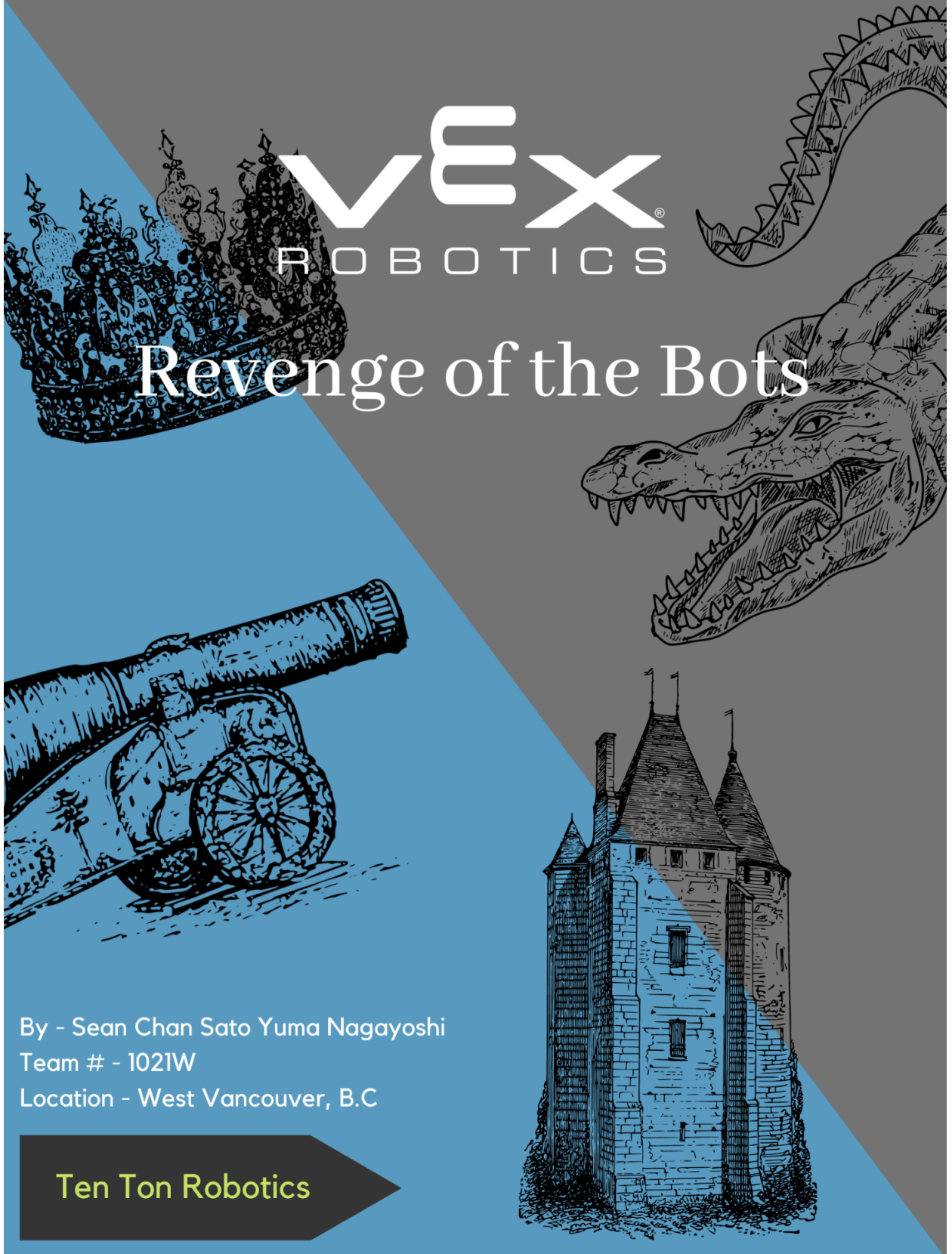
Revenge of the Bots

By - Sean Chan Sato Yuma Nagayoshi

Team # - 1021W

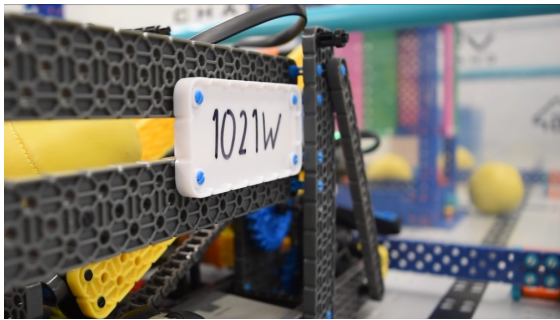
Location - West Vancouver, B.C

Ten Ton Robotics



The Story

The clock struck 12:00, it was time for the battle to begin. Now's the moment for us to defeat our greatest enemy. The largest of them all, the one that stood above them, the all mighty Crocodile living in a tall tower in the middle of the city. Controlling all those under him, he forces robots to manufacture cannon balls. They are created to destroy the ones that do not bow down to him. It is time for the robots to take revenge for their inequitable treatment.



To ensure the most damage, the robots must shoot the balls above and into the building at the center of the city. By collecting the numerous cannon balls that they've created, they can use it as a weapon against the all mighty. The crocodile is starting to execute his plan, and time is running out. As they all join together for the fight, the robots shoot cannon balls as fast as possible towards the building. Slowly the cannonballs are running out, time is ticking.

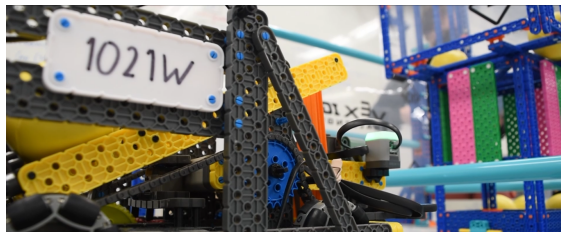
With all of this commotion, the crocodile panics and gets up to see what's going on. One of the robots named 1021W launches the final shot, their hope flashes before their eyes. With their last and final shot, they were able to take down the almighty crocodile and evoke their freedom. As they rebuilt the city 1021W, had a sense of satisfaction and completion in his eyes and he took a moment to realize what he had done. He had just saved millions of robots and gave them their own freedom.



Theme Explanation

The Game Elements

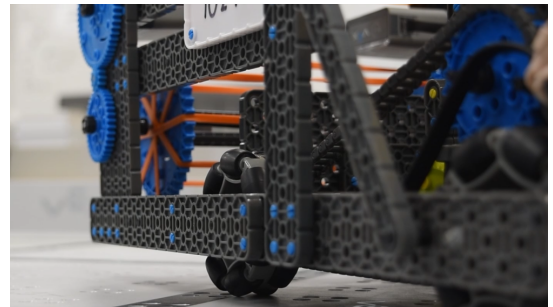
In this game, we themed the yellow balls as cannon balls for the robots to use as their main distance weapon. The almighty crocodile was the one who forced the robots into manufacturing these, in order to destroy his enemies. As shown in the story, this turned to his own demise, and became used against him.



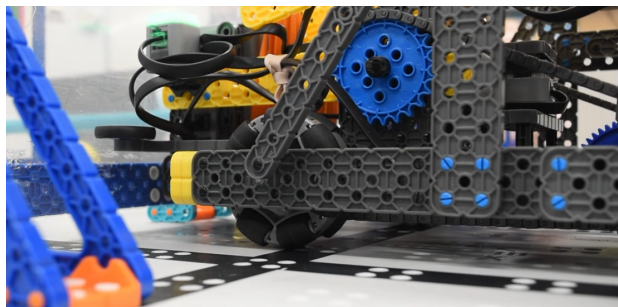
The tall tower in the center of the city is based off of the high goal in VEX IQ pitching in game. In the story, this is where the crocodile lives, and was also where he was attacked. Located in the center of the city, the crocodile towers over the robot slaves and the other buildings. The field in the game is used to represent the city of the robots.

The Objective

The objective of the robots is to bring freedom to their own kind. They wanted their revenge for being enslaved by the mighty crocodile, and being put through harsh hours creating cannon balls for him. Acting as peasants, the robots would often work without pay or rest. This led to the robots rebelling against the crocodile to fight for their freedom and their allies.



Extra Rules



A robot cannot carry two cannonballs in the air at once as it is too heavy, and could move towards unexpected directions when thrown. There are other ways for the robots to attack, such as pushing the heavy balls inside the castle, as well as hanging onto the structures connected to the tower. Both of these strategies can damage the Crocodile a lot, and it can be useful to have different methods of striking. .

Overall, our team really enjoyed creating this video and working on this project. We were able to expand our imagination, creativity and storytelling skills to come up with a theme behind this year's game, and it was interesting to see how our perspectives towards the game could change a lot.