

Chatham-Kent Cyber Pack

FRC #5689

An occasional newsletter to let our supporters know what's happening!

2019 Important Dates

January 5 - February 19 – build season; Chatham St. Clair College

March 28 - March 30 – Windsor Essex Great Lakes District Event competition, @ UWindsor

April 5 - April 7 - Western University, Engineering District Event competition @ WesternU

April 10 - April 13 - Provincial Championships Mississauga (if we qualify)

April 24 - April 27 - FIRST® CHAMPIONSHIP Detroit (if we qualify)

Destination: Deep Space - We are GO for launch!

On January 5, FIRST Robotics revealed the game for the 2019 season! We met at our normal location at St. Clair College and watched the live stream and we are very excited! To see a video of the game elements, go to YouTube and find the FIRSTRoboticsCompetition channel at https://www.youtube.com/watch?v=Mew6G_og-PI.

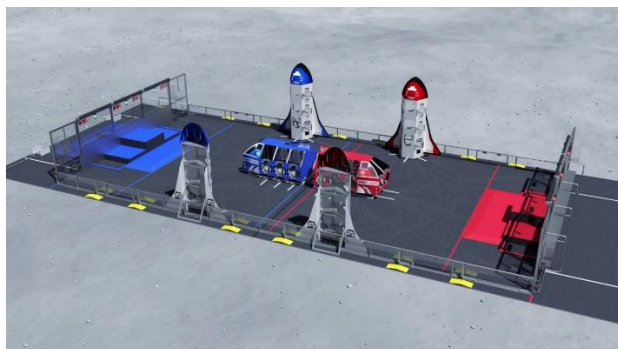


Figure 1- Game Field rendered by AutomationDirect.com

The object of the game is to load “cargo” (orange rubber balls) into the rockets and cargo ship, securing them with “hatches” (large plastic disks). The other feature of the game is the “habitat” platform, where the robots begin and end each match. Depending on our final design, our robot may be able to launch off the 6 inch tall step, and maybe even climb back up to 19 inches! Our robot will be assigned to an alliance with two other robots at random for each game at the tournaments. Our robot must be designed, constructed and programmed to effectively manipulate the game pieces to score points. We want to perform well during qualifying and compete with the most successful teams during playoffs!

REMINDER!

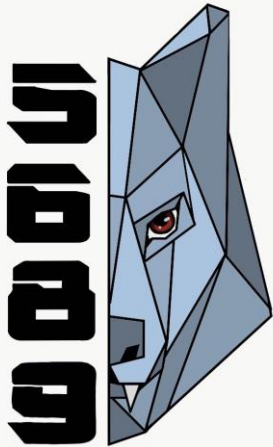
All team members must have a parent approve their FRC registration! See a mentor if you have not yet been able to log on at firstinspires.org.

International Plowing Match IPM 2018

September 18 - 22, 2018



Introducing Our New Logo!



The numbers 5689 are our FRC team number, and the stylized robotic wolf represents our wolf pack family! We are proud of our team members who presented the concept and modified it for use on all of our gear and documentation!

What have we been doing?

Chatham-Kent Toy Show and Sale



IPM: This year the Cyber Pack was invited to showcase a large demonstration in the education tent when the 2018 International Plowing Match came to Chatham-Kent. With nearly 80,000 in attendance throughout the week, schools from all across CK were able to visit us in the education tent and experience what FIRST robotics is all about!

Week Of Code

2018 Week of Code: During "Computer Science Education week" in December, the team lead by head programmer Megan Gooch organized our first WEEK of CODE. Throughout the week the team held Hour of Code events at the CKPL, Walpole Island Elementary School, as well as various other area elementary schools. The goal of the week was to bring the Hour of Code to as many students across Chatham-Kent as we could. The week was a great success and we look forward to another Week of Code next December!