



Caroline, Lucy, & Kylee

This is Our Season!

VEX IQ 2016-17 Team 6210F Firehawk

We have watched a lot of robotics from the sidelines! Our sisters have been in robotics for three years. Last year, their all girl 6210A team won Teamwork & Excellence at the Indianapolis City Championship and at the Indiana State Championship. They even won the STEM award at VEX Worlds.



Caroline's
Sister
Lauren

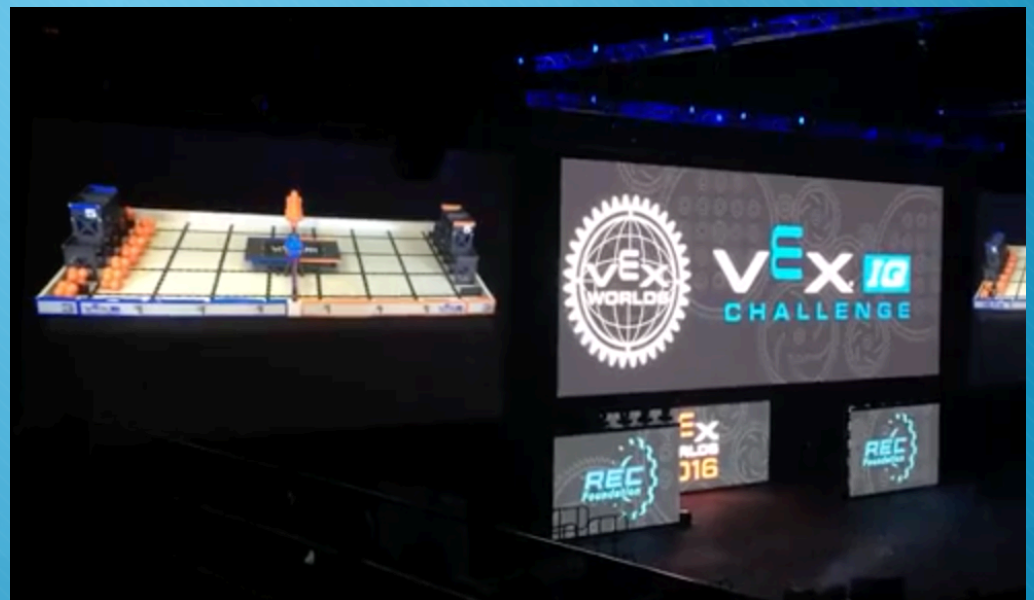
Karthik



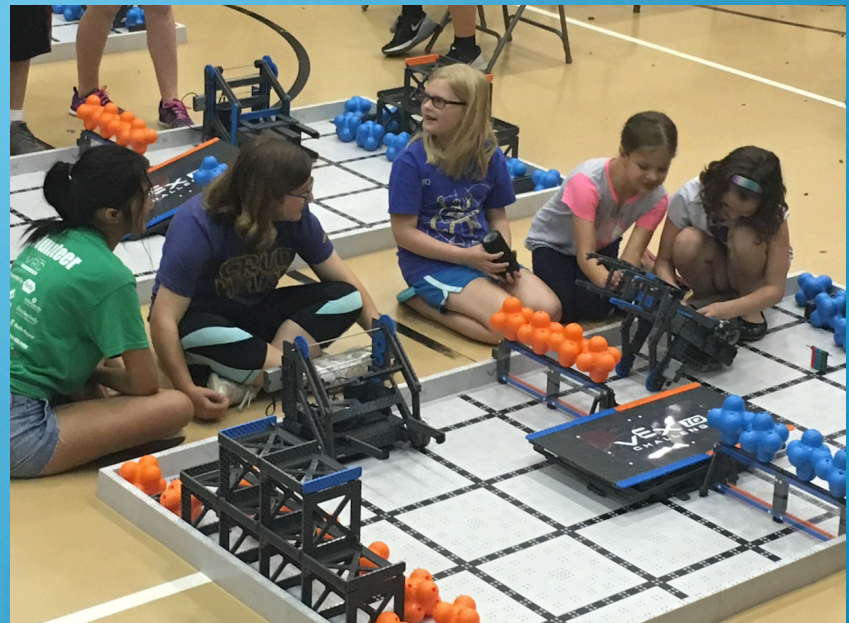
Lucy's
Sister
Chloe



Lucy and Caroline were at VEX Worlds 2016 when the VEX IQ Crossover game was announced. We were so excited to go down on the court and look at the new pieces. We knew this year would be Our Season!!



We came back and got right to work! We went to a VEX IQ summer camp at our school.



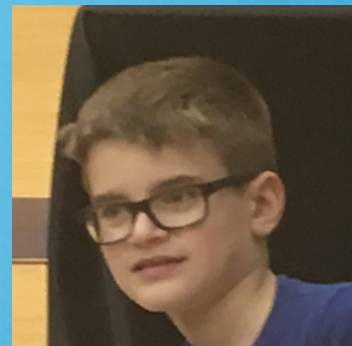
This fall we joined robotics and were placed on a team with our friends: Danny, Broc, and Brock. 6210F Firehawk was formed!



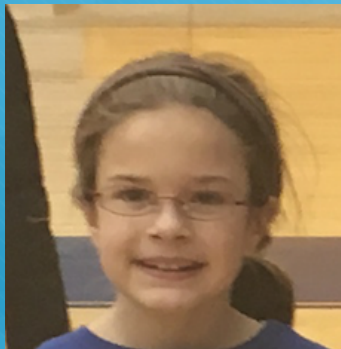
Kylee



Caroline



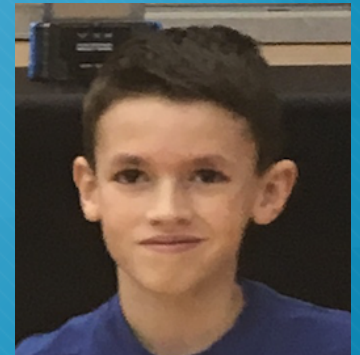
Broc



Lucy

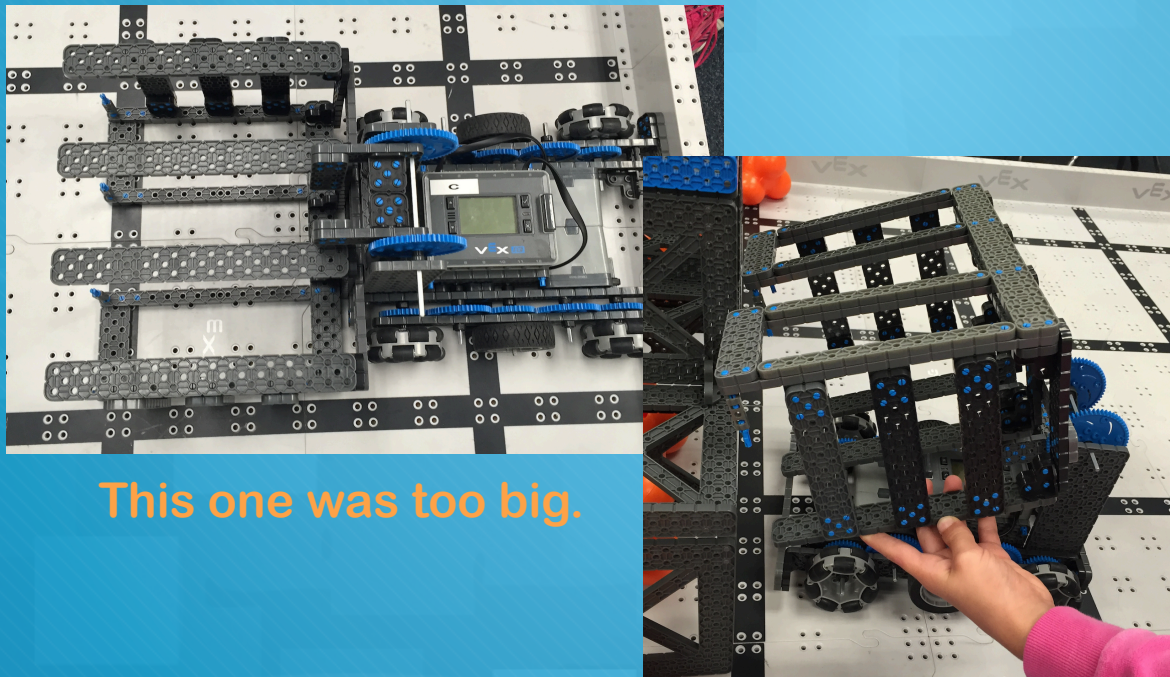


Danny



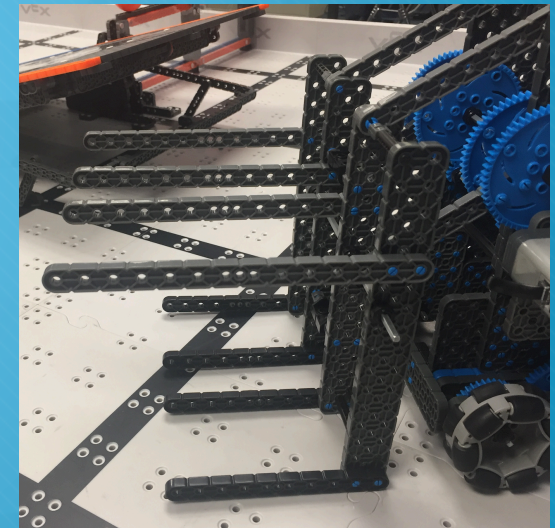
Brock

We began to work on our robot. It was hard to build a scoop that would pick up the hex balls easily. We wanted to choose the best one.



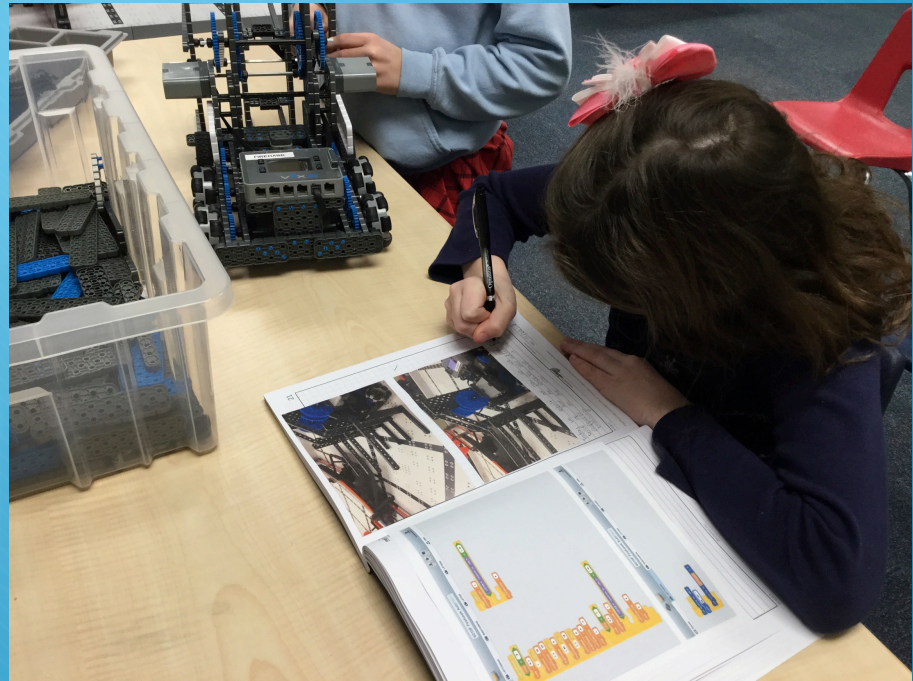
This one was too big.

This one was bad at dumping.



This one was the best, it can also pick hex balls off the fence.

We kept track of everything in our design notebook.



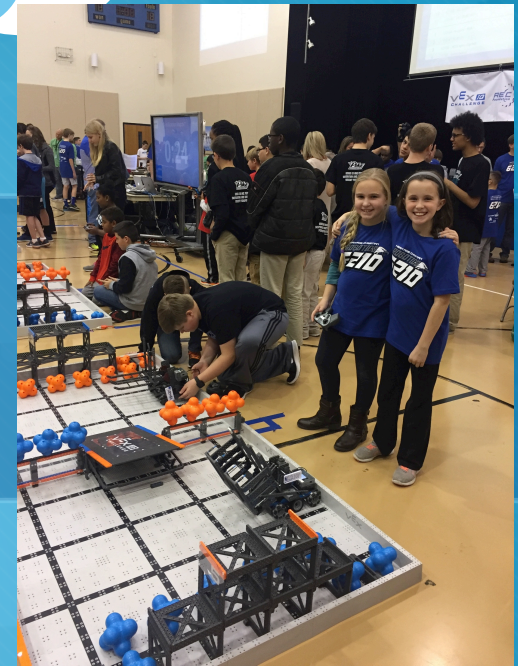
We decided to do our STEM research project about robotic surgery. We created a newscast about the Da Vinci robotic surgical system. It is amazing. We are planning to go see it at a local hospital.



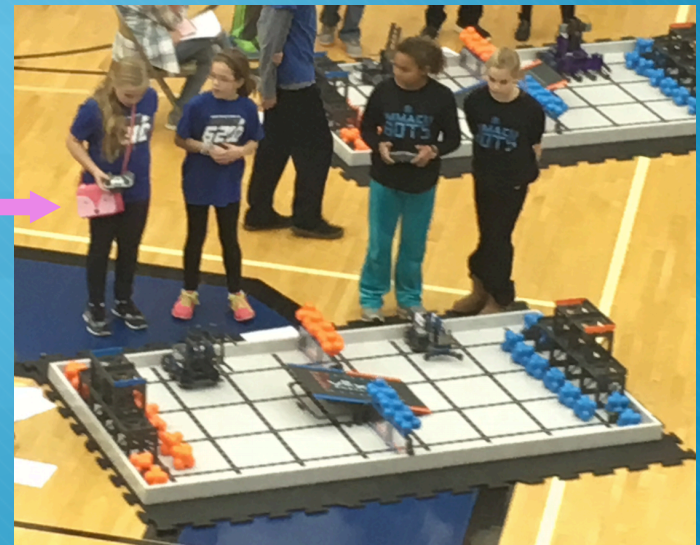
We learned to program from my dad. We use Modkit. It takes a lot of tries to get the program to work perfectly.



We have been to several tournaments and we all like to drive the robot. We also get to meet other teams with different robots and work together to do our best.



Having accessories helps



We have won Excellence, STEM, and Robot Skills Awards! Now we are looking forward to the State Championship and VEX Worlds



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A storybook by the girls of team 6210F

Caroline Meyers
Kylee McDaniel
& Lucy Gard

