

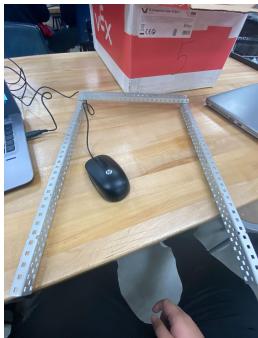
My Engineering Notebook: Adam Kennedy, Xiao Date Range: 1/4/2023 -

Today's Date: 1/4/2023

People working: Adam Kennedy, Xiao

What we did today: The Internet didn't work, so we just started building a frame.

Picture of robot, parts made, code, scratch work, etc:

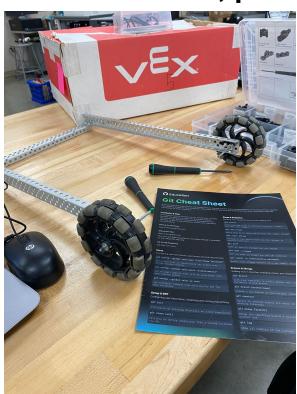


Today's Date: 1/5/2023

People working: Adam Kennedy

What we did today: Added wheels to the frame

Picture of robot, parts made, code, scratch work, etc:



Today's Date: 1/6/23

People working: Adam Kennedy, Xiao

What we did today: Took those wheels off and moved frame stabilization back a bit, installed motors into the frame and realized the frame is too big, so we made it smaller, installed wheels and the robot's brain.

Picture of robot, parts made, code, scratch work, etc:

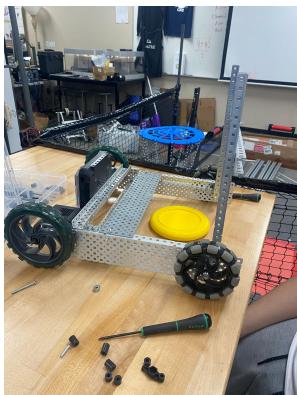


Today's Date: 1/9/23

People working: Adam Kennedy, Xiao

What we did today: We built in the scoop, and also put two on the side and one on top to ensure the disk wouldn't slide out the scoop. And started to install the roller support on both sides of the robot and installed a roller support ON both of the roller supports so it doesn't bend.

Picture of robot, parts made, code, scratch work, etc:

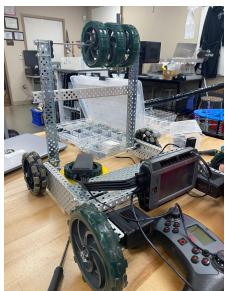


Today's Date: 1/10/23

People working: Adam Kennedy, Xiao

What we did today: Installed the wheels into the roller support, realized we used the wrong type of motor and looked for a red motor, realized there isn't any so we dismantled our current motor and replaced it with a red one.

Picture of robot, parts made, code, scratch work, etc:

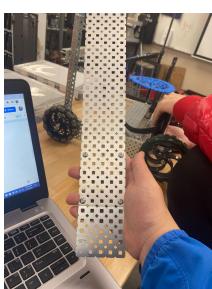


Today's Date: 1/11/23

People working: Adam Kennedy, Xiao

What we did today: Built a wheel guard so we can ensure the wheels won't get stuck into disks.

Picture of robot, parts made, code, scratch work, etc:



Today's Date: 1/12/23

People working: Adam Kennedy, Xiao

What we did today: Drilled holes into the wheel guard in order to install it (this took way longer than i thought it would)

Picture of robot, parts made, code, scratch work, etc:

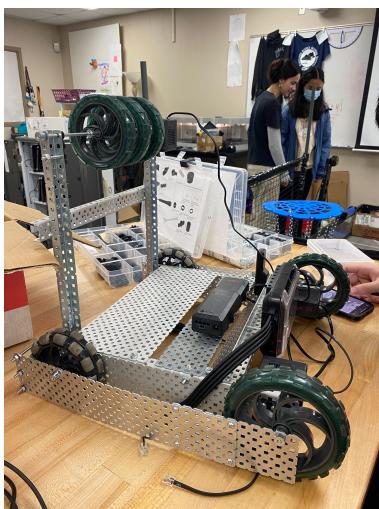


Today's Date: 1/13/23

People working: Adam Kennedy, Xiao

What we did today: We added the top guard and installed batteries, we tested it and decided the wheel guards are too tight as it moves like a tank.

Picture of robot, parts made, code, scratch work, etc:

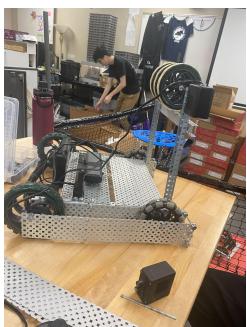


Today's Date: 1/17/23

People working: Adam Kennedy Xiao

What we did today: We replaced the screws with a drive shaft just so it can relieve pressure on the wheels so it is more mobile, tested it and to our amazement it actually worked but we still ended up putting rubber bands on the wheels.

Picture of robot, parts made, code, scratch work, etc:

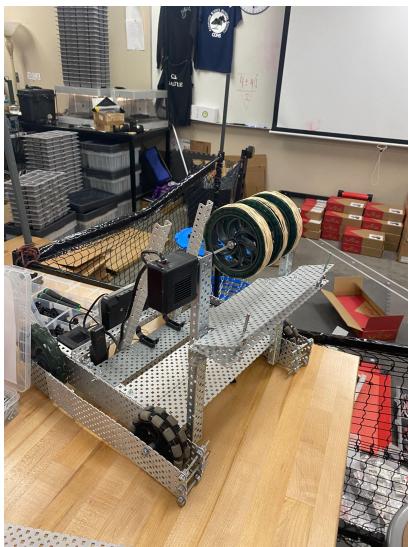


Today's Date: 1/18/23

People working: Adam Kennedy, Xiao

What we did today: added a platform for the slingshot, and made plans for how we can make one

Picture of robot, parts made, code, scratch work, etc:



Today's Date: 1/19/23

People working: Adam Kennedy

What we did today: We built the slingshot, got the object and tied a string to the object and together.

Picture of robot, parts made, code, scratch work, etc:



Today's Date: 1/23/23

People working: Adam Kennedy, Xiao

What we did today: We won once and lost once.

Picture of robot, parts made, code, scratch work, etc:



Today's Date: 1/24/23

People working: Adam Kennedy, Xiao

What we did today: Removed the wheel frame as it was just making us get stuck a lot more, discussed how we could fix the slingshot

Picture of robot, parts made, code, scratch work, etc:

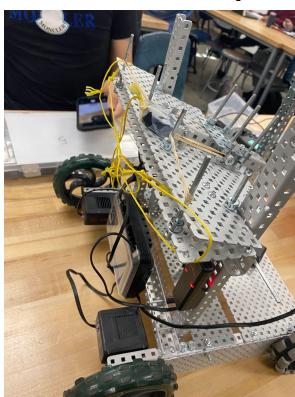


Today's Date: 1/25/23

People working: Adam Kennedy, Xiao

What we did today: We fixed the slingshot.

Picture of robot, parts made, code, scratch work, etc:

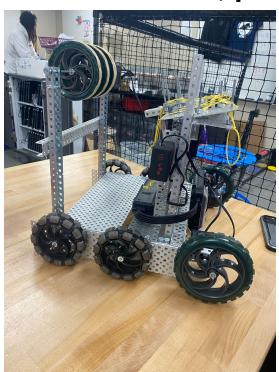


Today's Date: 1/26/23

People working: Adam Kennedy, Xiao

What we did today: Added a 3rd wheel so we can get unstuck.

Picture of robot, parts made, code, scratch work, etc:



Today's Date: 1/27/23

People working: Adam Kennedy, Xiao

What we did today: lost twice

Picture of robot, parts made, code, scratch work, etc:

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Today's Date:

People working: Xiao

What we did today:

Picture of robot, parts made, code, scratch work, etc:

Today's Date:

People working: Xiao

What we did today:

Picture of robot, parts made, code, scratch work, etc: