



## **FIRST Team Paragon Week 4 Update**

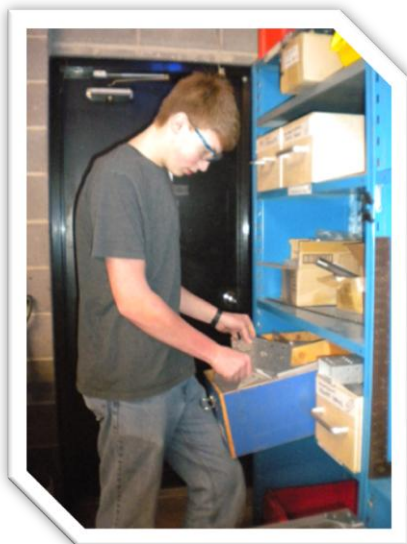
### **Mechanical**

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**With the pressure of the ship date looming upon us, Mechanical is getting out of the stages of figuring out what works and applying our knowledge to build the robot. This week, our team mounted wheels, transmissions and CIM motors to**

**both of our robots.**

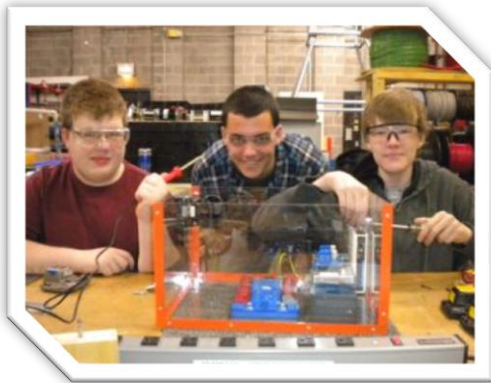
**Additionally, our shooting platter system is nearly prototyped to have an understanding of the optimum locations for the shooting wheel and the motor.**



# Electrical

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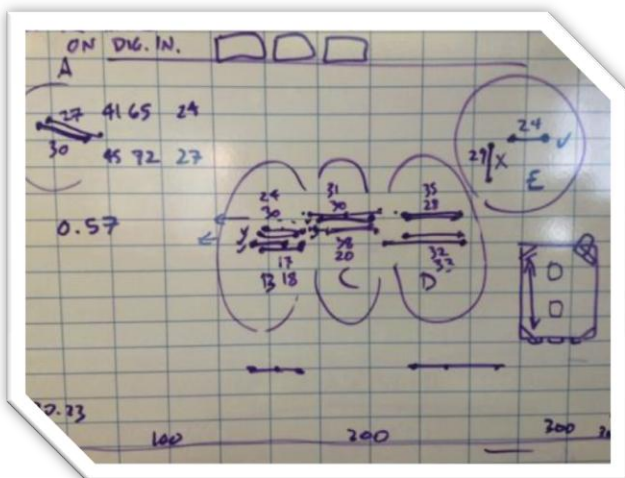
**Electrical had great progress in the construction of the electroquarium this week. The motor controls, CRIO, and Circuit breaker panel were all**



**laid out. With all of these plans set in place, actual construction of the Lexan® tank has begun. The Electroquarium is now underway!**

# Programming

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**With the supplied class library from WPI, our Programming subgroup has been coding an algorithm which will use the images from our robot's camera to detect the highly reflective targets.**

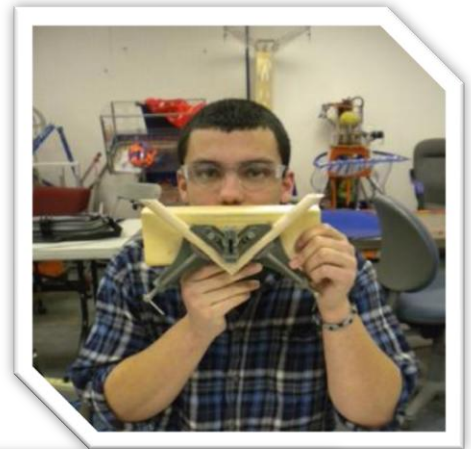
**This will aid the drive team in judging at what power and what angle the Frisbee needs to be thrown. They have been working on this code for weeks now and are incredibly excited to see their efforts come to fruition!**



## **Imagery**

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**Paragon looks forward to naming our robot this year, and our Imagery team narrowed down the hundreds of name selections to just a few for the team to vote on. They have also made continued**



whamagon  
whamogon  
Sauler tosser  
Sav per hator  
Pie on da fly  
fling thing

DISCO  
First Ascent  
Sher Paragon  
DISC troker  
DisCageadon  
Yeti  
free climber  
Gorp

**progress on the awards.**

# Upcoming Events

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*2.16.13 – Suffield Shakedown*

*2.19.13 – Ship Date/End of Build*

*3.7.13-3.9.13 – WPI Regional*

*3.28.13-3.30.13 – Connecticut Regional*

# Connect With Team Paragon!

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