FLAT MOUNTAIN FLYER

By Alexandra Prewett

1/25/13

Team Update

Well, we are now half way though our build season and things have been progressing nicely. This week the winch Sub-team finished their winch and tested it, so far it can lift 110 lbs. As soon as we get the arm built, we will hopefully be ready to actually try it out with the robot. The chassis sub-team has re-assembled the robot and it is now ready to run. They have also designed the arm bracket and are assembling it. This week the programming team got both joysticks working with the simulator and are waiting on a real-life arm. Meanwhile our fundraising team has been setting up meetings with many local businesses to sit down and let them know what we are about and potentially supporting our team. Also this week, (in their spare time), the winch team has begun designing the team t-shirts, and will hopefully have the final design by the end of next week.

2013 Student Members

Christian Balcom
Rebecca Balcom
Jacob Burch
Daniel Crain
Joshua Crain
Benjamin Kepner
Josiah Krogman
Andrew McCoy
Nathan Palmer
Alexandra Prewett
Daniel Ratkos
Shirley Schafer
Kyle Sims
Hugh Stanton
Sean Stanton
Kristen Vallie
Elijah Zuker

Mentors

Terry Balcom
Rick Crain
Charlie Kepner
Ralph Prewett
Joseph Schafer
Rich Stanton
Dru Wilson
Mike Wilson

Adviser

Eric Prewett

5625 Venture Way
Mt. Pleasant, MI 48858
(989) 772-4073
eric@michaelengineering.com

C.hampions

O.f

U.nderstanding

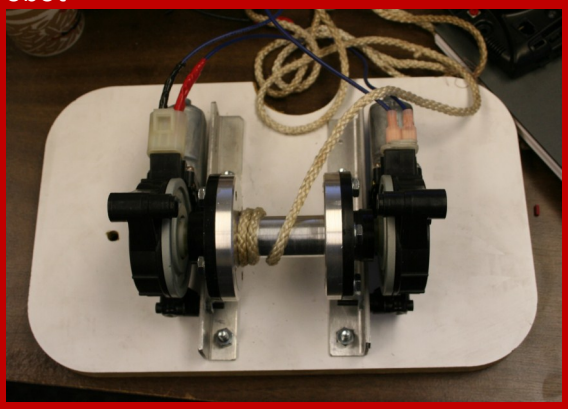
R.espect

A.bility

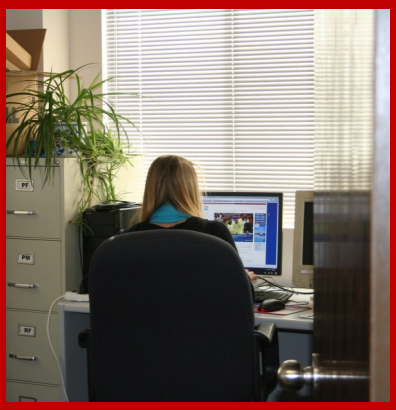
G.odliness and

E.ndurance

Arm sub-team designs the arm fot the robot



The finished winch!



Student Kristen Vallie calls local busi-nesses

Chassis team machining parts for the robot frame

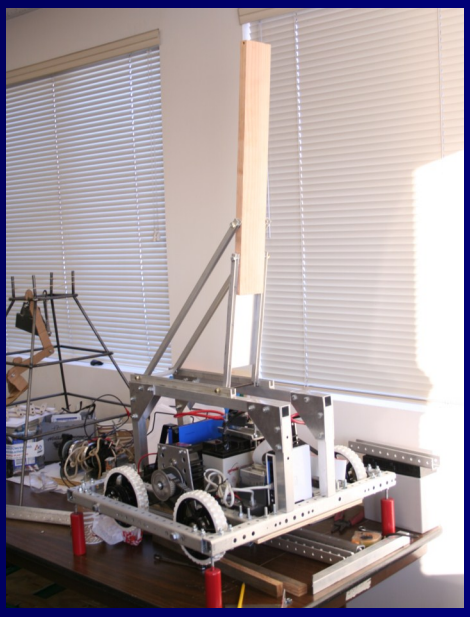
Next weeks schedule!

Next week we will be meeting at Michael Engineering Monday through Thursday from 5:00 to 7:00 PM, and on Saturday from 10:00 AM to 5:00 PM.

...More pictures from this past week

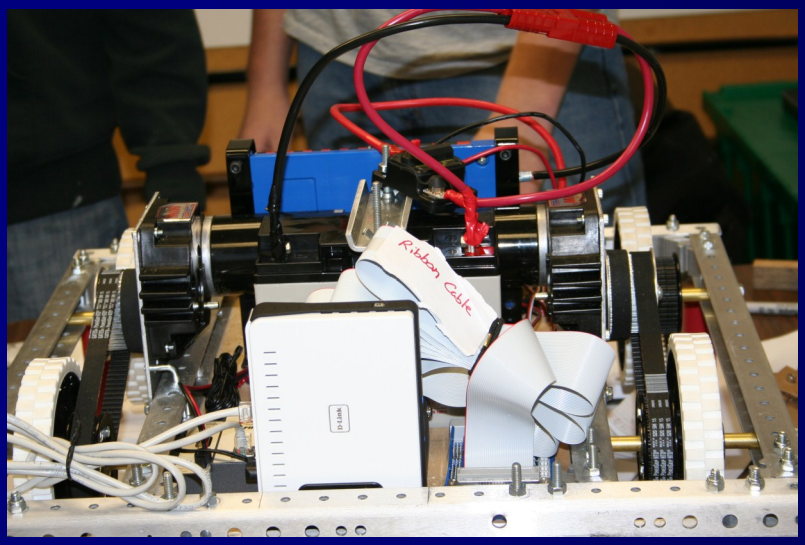
Programmers doing what they do best

The robot with it's brand new arm!



Our robot

Mostly reassembled



The new robot arm in it's "resting" position