



2013 Student Members

Christian Balcom
Rebecca Balcom
Jacob Burch
Daniel Crain
Joshua Crain
Ben 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
Michael Wilson

Advisor

Eric Prewett

5625 Venture Way
Mt. Pleasant, MI 48883
(989) 772-4073
eric@michaelengineering.com

FLAT MOUNTAIN FLYER

By Daniel Crain and Allie Prewett

2-10-2013

Team Update

This week Team 4819 is proud to announce that our robot reached the third level of the pyramid during a test climb last Wednesday! We also achieved three more third level climbs and were able to drive the robot on the floor this Saturday.

The chassis team has now extended the robot frame to ensure that the winch- powered arms stays within the bumper zone at the beginning of the competition. The programming team has designed a program for the arm's limit switches, and switches for its up and down movement. The rest of the week has been spent in trial-and-error, getting the robot to climb, taking it down and fixing any issues we ran into during the climb.

The team is looking to hold a robot demo sometime in April, at the Mt. Pleasant Home Education Association (MPHEA) co-op. Details to follow.

Next week's schedule!

Next week we will be meeting from 5:00 to 7:00 PM Monday through Thursday. On Saturday we will be meeting from 10:00 AM to 5:00 PM.



C.hampions

O.f

U.nderstanding

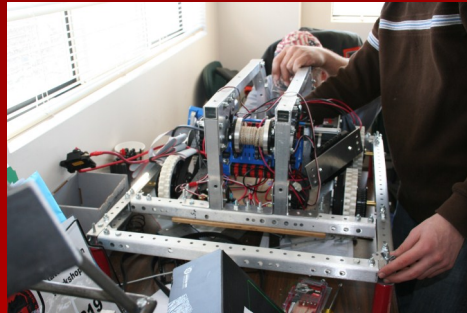
R.espect

A.bility

G.odliness and

E.ndurance

Pictures from this past week



The robot with it's extended frame



The robot successfully climbed the pyramid and reached the 90 inch bar



Terry and Rebecca Balcom working on the robot bumpers.



Team picture with Alpinista our robot.



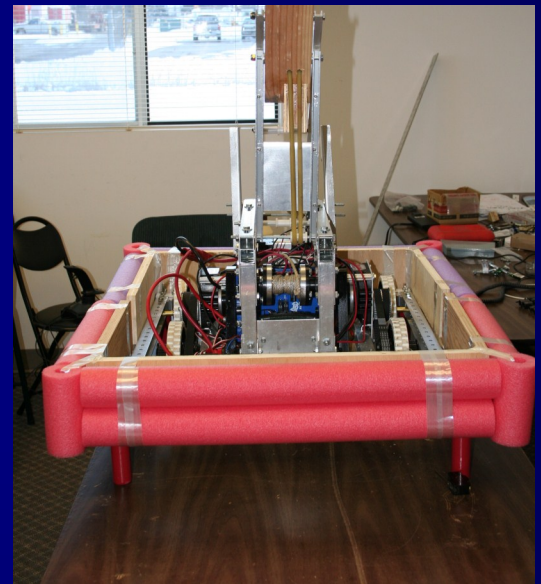
C.hampions
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Pictures from this past week

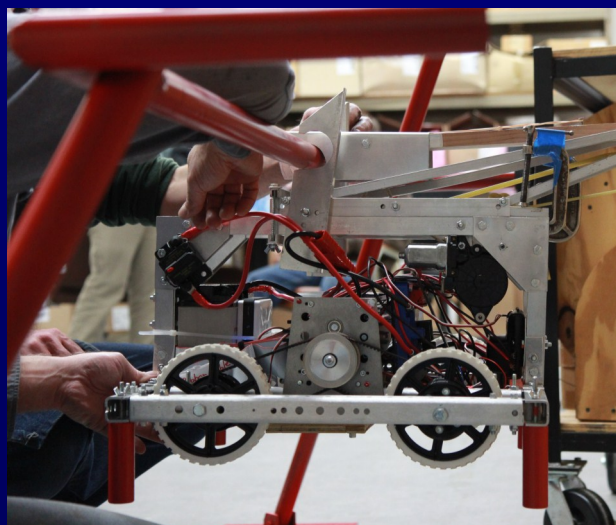


Student driver Daniel Crain drives the robot during a yet another successful third level climb

The robot with it's new bumpers



*"Software in
just engineering
in liquid form"*



Beginning
the climb.
The robot
on the first
level of the
pyramid