



FIRST Team Paragon Week 2 Update



**Thank you so much to Konica Minolta for helping us
make this space our own! (Sign courtesy of Konica
Minolta, Smiles courtesy of Paragon, Picture
courtesy of George Petro, mentor)**

With Week 2 of the 2013 Build Season behind us, Team Paragon worked up a storm (no pun intended) even when an unfortunate snowstorm cancelled a workday.

Board of Education Meeting

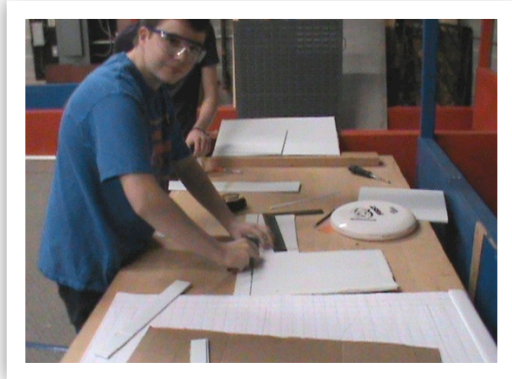
Analeise and several of the team mentors attended the Windsor Board of Education Meeting to show 2 videos, one of “Ultimate Ascent” and a fun one featuring the team in action. The team is ultimately hoping the Windsor Board of Education and the town of Windsor will keep us in mind and help us find a place to continue our legacy.

Mechanical



How riveting riveting was this week! Parts are slowly but surely coming in the mail as we order them. Since this seasons' plan is to construct not one, but two robots: that means double the drilling, riveting and everything else for Mechanical. The theory behind creating two robots is to be able to identify any weak points in our

**design before our first
FIRST competition.
Additionally, this gives the
drive team the opportunity
to practice on “the real”
robot prior to the regional.**



Electrical

**Climbing the pyramids is going
to be a challenge, but our
Electrical subgroup is making
great strides. At our Thursday
build session we were able to
successfully raise a practice**

**chassis with a winch
system onto the
pyramid. We could not
be happier with how
this allowed us to put
design concepts into a
successful
demonstration.**

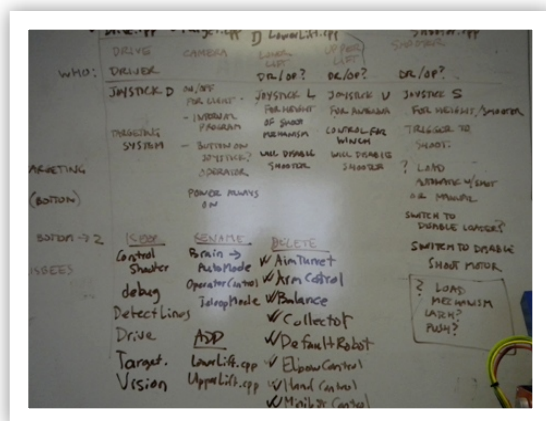


Programming

There may have been a snow day, but Programming had a crazy busy week trucking forward in an effort to be fully programmed before ship date. Learning from last year's vision coding, our programmers are thrilled to have a basis on which to improve this year.



(Click [here](#) for a FIRST sponsored video of this years game and information about vision tracking) On the note of working on previous knowledge, the team has now successfully reconfigured Blue Cyclone (2011) and Metal



Arc (2012) for this year to practice while this year's robot is being constructed. Our programmers have spent so much time with the robot; they now affectionately refer to it as “facehugger.” (They seem to be very pleased about coming up with a nickname the rest of the team doesn't understand.)

Imagery

Team Paragon loves to maintain a strong image in our community and at competitions. One of the



easiest ways to identify us is our royal blue and orange shirts. Our imagery subgroup has been designing our 2013 t-shirts and is incredibly excited to see their drawings come to life. At competitions, Paragon

loves to support other hard-working teams so we give out Paragon sponsored awards at the larger regional events. Imagery has been prototyping ideas for these awards and as of right now, a model based on the pyramids on the field seems to be a favorite.

CAD

One of our CAD students was able to successfully CAD up a chassis on a combination of AutoDesk and SolidWorks, which our other subgroups are now able to take dimensions from for building the actual robot.

Web

With the changes that FIRST released regarding awards, our web team has taken a specific interest in the new “Media Award” which replaced what was previously known

as the Website Award. This new award states that teams must maintain a strong web presence, and as a result, we are proud to announce our Twitter [@TeamParagon571](#) full of quirky little snippets and blasts of our days here at 55 Mechanic St. (Don't hate us for a little bit of shameless self promotion.)



Upcoming Events

2.16.13 – Suffield Shakedown

2.19.13 – Ship Date/End of Build

3.17.13-3.19.13 – WPI Regional

3.28.13-3.30.13 – Connecticut Regional



Check out the team website at team-paragon.org