



aerial
assist™



Week Number Three

Despite having to cancel because of snow and having lower attendance due to midterms this week, much progress has been made in all areas.

Build

A lot of assembly took place in build this week. We put together 7.5 transmissions. We even got them installed on both Julie bot and the competition robot. Next the robot had to be taken apart to watch paint dry. Despite painting being a time consuming process, our robot needs to be blue and orange, one of the distinctive traits of our team.



After the paint was dry we were able to reassemble the chassis of the competition robot.



Five batteries were assembled with connectors and brackets to begin cycling for charging. These will be added to the assembled battery cart.





The pick up arm is being assembled on the practice robot. A special shout out to Mr Reale for jumping into build whenever he could to help out students and mentors with great spirit. Being a newer mentor did not slow him down.

Imagery

We have made much progress this week in all aspects of imagery. With awards the main body of the award was prototyped, allowing us to move on to construction. Half of the boxes have been made and the others are in progress. Next a

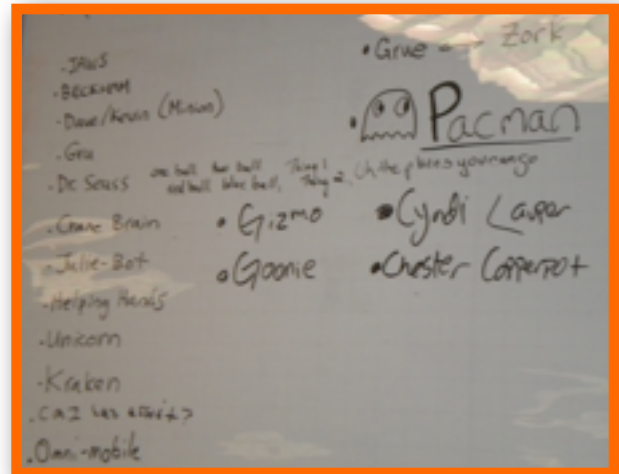
base needs to be



assembled, painting needs to happen and they need to be personalized...kind of sounds like build.



The names of the robot are being narrowed down, but we still don't know the personality of the robot. So this is still up in the air.



Programming

Coding is being assembled this week. The programming group continued to discuss how specific systems will work and interact with the control panel. The basics for the arm and grabber have been generated. We know how to create the code for driving from past years code which helps us determine the many possible



positions and actions that the robot will have. The programmers has also started to investigate the position that the arm will need to be at in order to score as well as when to release the ball. After the code is finished for the teli-operated period they can start to put ideas for autonomous down on paper.

Web

The list from last week was completed (well almost, only one item remains, which is rather impressive). The student and mentor images have been completed as well as work on the student info.



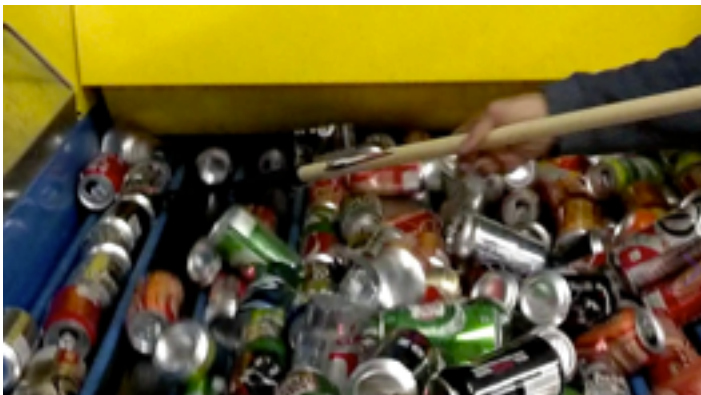
The Front page scroll of photos has been updated revealing the new team photo. A new mobile website has been created to allow mobile devices to more easily navigate our site thanks to Addison. Way to go! Check it out at team-paragon.org

Suffield Shakedown



It's official. Suffield Shake Down is officially on, and we are going! Now just to complete the robot in time. Suffield Shakedown is hosted by Aces, Team 176 and provides a preship scrimmage to test the bugs of the robots before the end of build season allowing last minute modifications to be made.

Recycling



We continue our recycling endeavors even through we are in the midst of build season. A couple of the mentors made a run to the bottle and can recycling center to allow the students to continue

focusing on build. In addition to the bottles and cans, we are expanding our recycling of ink and toner cartridges from printers and copiers. If you have any of these items which you would like to donate to the team, please feel free to contact us. We will arrange to pick them up from you. Thanks for your help.



Up Coming Events

Suffield Shake Down: February 15th

Ship: February 18th

Groton District Competition: March 8th and 9th

Hartford District Competition: March 29th and 30th

Continue to watch for the
blog to watch our



weekly updates on the
progress.



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