



TEAM 3637

THE DALEKS—HUNTERDON CENTRAL R.H.S.

"COOPERATE!"

January 2013 Recap
Issue #1

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Ultimate AscentSM

This year's FIRST® Robotics challenge is Ultimate AscentSM. This game is played with two alliances of three robots, one red and one blue. There are two objectives in Ultimate AscentSM. The first is to shoot Frisbees into goals of varying sizes and point values. The Second objective is to climb a three tiered pyramid in order to dump collected Frisbees into a basket at the top. Additional points are awarded at the end of a round based off the robot's ability to climb to various heights on the pyramid. The robot that we create must include elements to complete either or both of these tasks.



A 3-D Model of the Pyramid

DATES OF INTEREST

- *End of Build Season: February 19th*
- *TCNJ Qualifying Tournament: March 15th -16th*
- *Bridgewater Qualifying Tournament :April 6th – 7th*

Our Plan

After reviewing and weighing the different options and concepts the game presented, we, along with our sister team of 869, decided to build a robot that focuses on climbing the pyramid in order to dump Frisbees into the top basket. We decided this would be our best course of action, since it is estimated that many other competitors will be attempting to throw Frisbees into the goals. Therefore, our team will inevitably stand out from other teams, allowing us to climb in rankings in the competition.



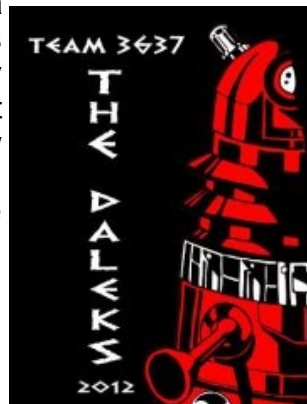
Members of Team 3637 working on the robot

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Award Winning T-Shirt Design

Rita Fang, a member of Team 3637, received a prestigious award from the Northern New Jersey Regional Scholastics Art and Writing Awards for her design of the Hunterdon Central Robotics team t-shirt! Rita received the Gold Key Award, which is only given to less than ten percent of all entries into the contest. Rita, to say the least, was absolutely ecstatic about her accomplishment of being accepted by a strict group of judges who only allow the top artists to receive this esoteric award. The design will be on display for viewing at the Montclair Art Museum in the Education Gallery from February 12th – March 10th 2013.



DATES OF INTEREST

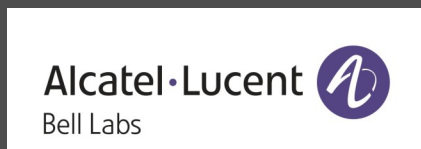
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A Thank You from Our President

Once again, I would like to thank you for your generous support of FIRST® Robotics Team 3637. The team has been making tremendous progress on deciphering this year's challenge, Ultimate AscentSM, and designing a robot that will be a true competitor in the competition. FIRST® is truly an inspirational program that promotes teamwork, Gracious Professionalism™, and careers in math and science. Remember, supporting a FIRST® Robotics Team means you are supporting the future of engineering and technology.

Sincerely,
Kara Jimcosky
FIRST® Robotics Team 3637 President

Special Thanks To...



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|----------------------|--------------------|
| Giron's Tree Service | The Noone Family |
| Joan Crum | The Pierle Family |
| Muriel C. Drill | The Rustay Family |
| The France Family | The Smith Family |
| The Jimcosky Family | The Ward Family |
| The Montes Family | The Whitlow Family |

