



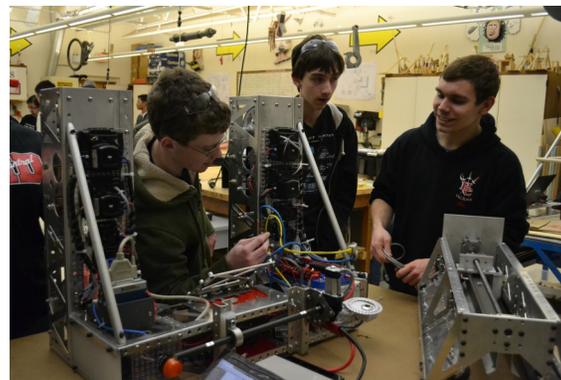
About the FIRST Robotics Competition

FIRST® – “For Inspiration and Recognition of Science and Technology”

FIRST®'s vision: “To transform our culture by creating a world where science and technology are celebrated and where young people dream of becoming science and technology leaders.” – **Dean Kamen**, visionary and founder of **FIRST®**.

FIRST®'s mission “is to inspire young people to be science and technology leaders, by engaging them in exciting mentor-based programs that build science, engineering and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership.”

Last year, over 293,000 students, 26,800 teams, 51,000 mentors and 50,000 other volunteers (and 24,000 robots!) took part in **FIRST®** programs. **Team 3637**, now in its third season, is a proud participant in the **FIRST® Robotics Competition (FRC)**.



HUNTERDON CENTRAL
REGIONAL HIGH SCHOOL

Team 3637 THE DALEKS



www.team3637.com

About the Daleks

We are The Daleks from **Hunterdon Central Regional High School** in Flemington, New Jersey. This is our third year in the FIRST® Robotics Competition (FRC). Our team is young but enthusiastic, and proud to be participating in *FIRST*® and representing our school.

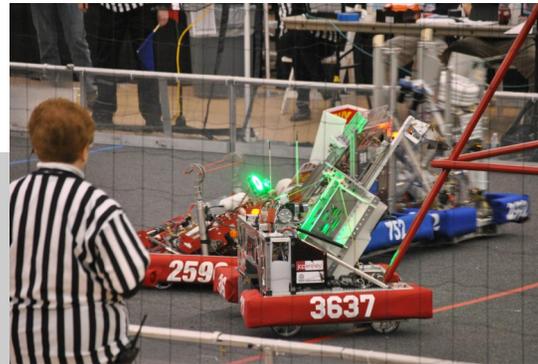
Team 3637 was founded in the fall of 2010 by a group of students who had formerly been involved with robotics. The team had an exciting first season and received the 2011 Rookie Inspiration Award!

Last year, we competed in two regional competitions and qualified for the regional championship! With more support, we will be able to continue improving and hopefully reach our goal of competing in the World Championship.



Ultimate Ascent Robot

This year, we were presented with the challenge of climbing a pyramid and throwing Frisbees. We decided to focus our strategy on climbing to the top and scoring in the goal atop the pyramid with Frisbees. Our robot climbs up the outside corner of the pyramid, using CIM motors to power a large hook to lift the robot. The robot hangs on two stationary hooks as we ascend to the next level. Once at the top, we can dump the colored Frisbees in the top goal. This gives us the potential of scoring 50 points from the pyramid.



Our Sponsors



Bell Laboratories



Thank you to parents and members of the community who have donated money or food to our team.