



TEAM 254

“We Do Our Homework”

The Cheesy Poofs

Over the past seven years, our team has evolved from being the smallest team in the nation to a more organized and sustainable program that reaches out beyond the friendly confines of the team to other teams in FIRST and young children in the Lego League. This program not only teaches the finer points of robotics, but in addition, it teaches life skills, such as time management, that will be needed for years to come.

Because we have been blessed with great leadership and dedicated students, our team is committed and will continue to promote the ideals of FIRST in all that we do, whether it be FIRST-related or elsewhere.

A special thanks to our sponsors:

- NASA Ames Research Center
- Bellarmine College Preparatory
- Kehillah Jewish School
- Laron Incorporated
- Evans Precision Machining
- Exatron

Visit our redesigned website at:
<http://team254.bcp.org>



2005 ROBOT

Robot Facts

- Name: Kara
- Weight: 115 pounds
- Dimensions: 38” L x 28” W x 60” H

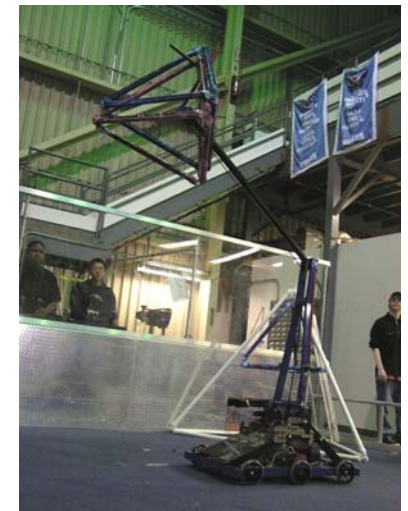
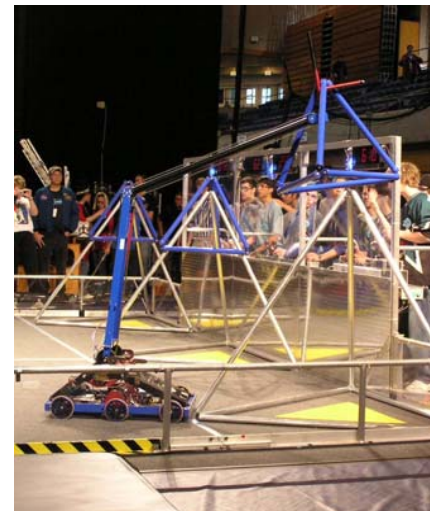
Robot Abilities

- Fast, 4-motor, 6-wheel, 2-speed drivetrain system
 - 14ft/sec and 7ft/sec
- Strong double jointed arm can grab and score up to three tetras at a time
- Autonomous mode
 - Able to knock down hanging tetra with whip
 - Able to cap central goal with starting tetra

Strategy:

A main aspect of our strategy is to have a very quick, agile, and versatile robot. We can maneuver around the field quickly, can score tetras fast, and can play defense well when needed. We can adapt our strategy for a given match to whatever the strengths and weaknesses are of our alliance partners and opponents.

We hope to be and look forward to being on an alliance with every team and wish everyone the best of luck!



“Team 254” and “Kara” banner by wh1tel1te