

Falcon Robotics Highlights 2004 - 2011

1. Started in Fall of 2004 with 15 members
2. Have been working in Woodburn, using the old shower room for storage
3. 2005 went to Trenton Regional and Atlanta GA Championship
4. 2005 Season
 - a. Awarded the Highest Rookie Seed
 - b. Placed 7th out of 95 teams in Trenton
 - c. Won a spot to attend the Nationals in Atlanta GA
 - d. Placed 39th out of 120 in the Galileo Division
 - e. 220 out of 420 overall teams
 - f. Won a VEX Robotic Kit

5. Montclair Mayhem Champions in 2005 - A Local Off Season Event
 - a. Highest Seed
 - b. Highest Qualifying Score
 - c. Champions in 2005

6. 2006 Season
 - a. Attended Trenton Regional and National in GA
 - b. Was Ranked 40 out of 120 in Trenton
 - c. Ranked 250 out of 400 teams at Nationals
 - d. 2006 Ranked 10th in the state

2006 Off Season Events

- e. Attended Brunswick Eruption and Montgomery
- f. Best Design for our 2006 Robot at Montgomery

8. 2007 Member enrollment went to 27 in September 2006 9. Started a 15 Member JV team to compete in

- a. Middlesex County Robot Rocks Lego Competition
- b. Won 3rd place out of 24 teams
- c. Won a Lego Mindstorms Kit
- d. 3rd place trophy

10. 2007 Season

- a. Attended Boston and North Carolina Regional
- b. Number 1 seed in Boston and picked our alliances
- c. Won 2nd place at both regionals
- d. Ranked first throughout most of the tournament
- e. Finished in top 8
- f. Were picked by the number one alliance
- g. Lost first place due to our alliance robots breaking down
- h. Received the Design Award by Delphi - A GM Company
- i. Design Award allowed us to submit our robot for publication in a book of the best designs of 2007

11. Our 2008 Robot

- a. Attended Chesapeake and New York City Regional
- b. Finished high in the rankings

- c. Won Cart Award for our Hover Craft
 - d. Got the attention of Dean Kamen
 - e. Went to Nationals in Atlanta
- 12.2009 Season
- a. Attended Finger Lake and Chesapeake Regional
 - b. Was highly ranked
 - c. Went to the finals in both regional
 - d. Made it to 4th Place
 - e. Made a significant Alliance partner (229- Went on to win with them in 2011)
- 13.2010 Season
- a. Attended SBP Long Island and Chesapeake Regional
 - b. Finished in 3rd place at long island
 - c. We made it up to the semi-finals
 - d. Received many compliments and an award for our appearance
- 14.2011 Season
- a. Attended NYC and SBP Long Island Regionals
 - b. Made it to the quarter finals finishing in 5th place at NYC
 - c. Received an Industrial Design Award sponsored by General Motors
 - d. Received our first regional championship at SBP Long Island, winning with a record of 15 wins, 1 tie and only 1 loss
15. Hold an annual FIRST Lego League event
- a. 1 st FIRST Lego League Event in the State of NJ.
 - b. Students setup and judge the FLL Competition
16. Our Sponsors
- a. Action Automation Controls
 - b. BIT Instruments
 - c. Bohler
 - d. Chevrolet of Jersey City
 - e. Exxon Mobil Chemical
 - f. Flanagan Construction Co, Shop and Advice
 - g. Grotto Engineering Associates LLC
 - h. Horiba Jobin Yvon Inc
 - i. Micro Optics Inc
 - j. Mr. Robert Fulton
 - k. P.E.P. Plastics
 - l. Prior Scientific
 - m. Process Automation Controls
 - n. Provident Savings Bank Metuchen
 - o. Saint Joseph's Father Club
 - p. Saint Joseph's Mothers Club
 - q. Skanska
 - r. Steridyne Labs Inc
 - s. Sterling Tech