



2025 B.O.E. PRESENTATION

AYAAN, CHINMAYI, VANSI,
PURVI, SHASHANK, AYUSH



OUTLINE



Hatboro-Horsham District Event



Montgomery District Event

FIRST Mid-Atlantic District Championship



Bristol Myers Squibb

Impact Beyond Competitions



Inspiring STEM in the Community

Rexroth
Bosch Group

Johnson & Johnson

-
- The screen displays the following content:
- ### CHINESE FOOD
- Popular Chinese Dishes
 - Beef Sausage (牛肉)
 - Springrolls (春卷)
 - Roasted Duck (北京填鴨)
 - Beef and Potato (牛肉和土豆)
 - Beef and Onion (牛肉和洋蔥)
 - Beef Fried Chicken (牛肉炒雞)
 - Beef Fried Chicken with Ginger and Onion (牛肉炒雞配薑蔥)
 - Beef Burgers (牛肉漢堡)
- On the right side of the screen, there are several images of Chinese dishes, including Beef Sausage, Springrolls, Roasted Duck, Beef and Potato, Beef and Onion, Beef Fried Chicken, Beef Fried Chicken with Ginger and Onion, and Beef Burgers.

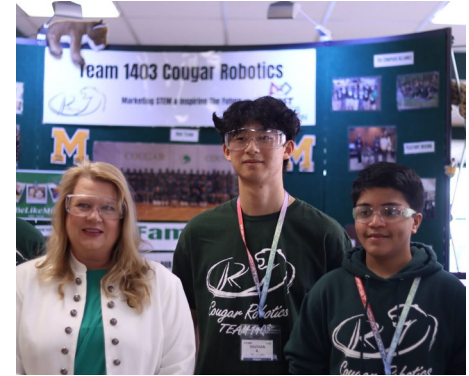


HATBORO-HORSHAM

- Ranked top 30 individually and reached playoff contention finishing as the 8th overall alliance
- Winner of the FIRST Engineering Inspiration Award
- Nominated 2 FIRST Dean's list semifinalists
 - Aditi Hota
 - Anirudh Muppalla - Won FIRST Dean's List Semifinalist
- Woodie Flowers Nomination
 - Mr. Brady



MONTGOMERY DISTRICT EVENT



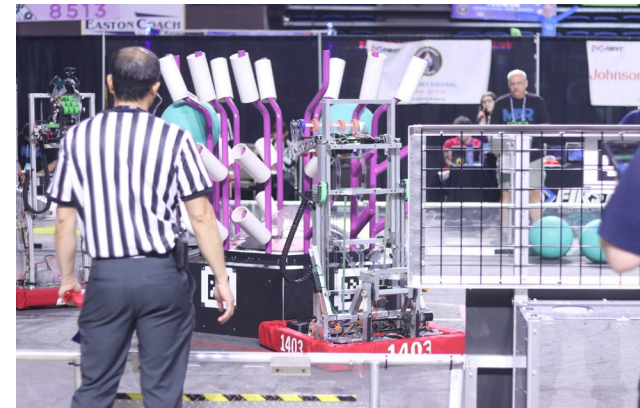
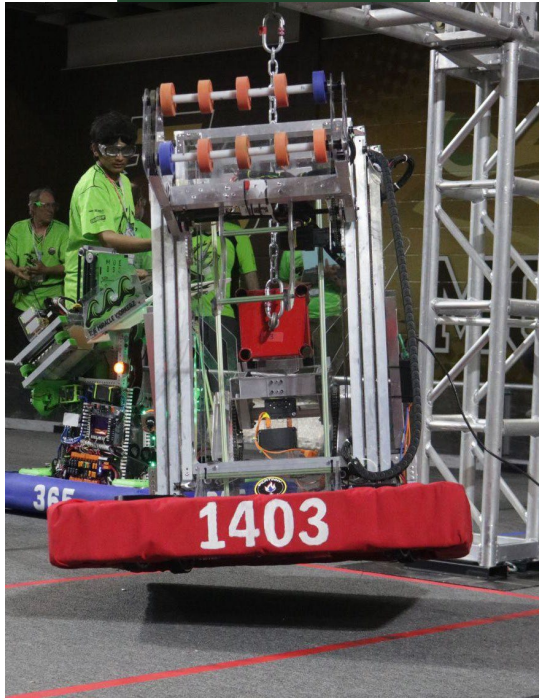
- Ranked 4th individually and 3rd in playoffs
- First pick of 2nd Alliance
- FIRST Impact Winner
- Toured Assemblywoman Mitchell Drulis & Montgomery Mayor Neena Singh
- Women in STEM Panel
- Mentor Mental Health Safe Space



FMA DISTRICT CHAMPIONSHIP

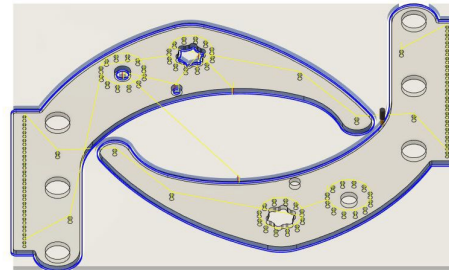
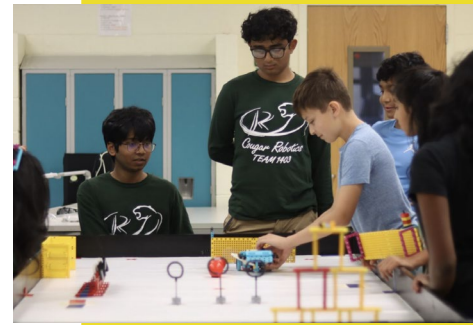


- Finished top 30 overall individually with a performance 84th percentile globally
- Averaged 50% of our 3-robot alliance's total points
- 90% game piece scoring efficiency
- Top speed of over 10 miles per hour



IMPACT BEYOND COMPETITIONS

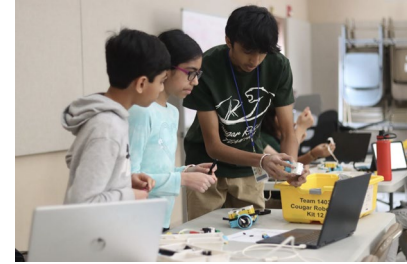
- SOAR
 - Taught design and programming skills through engineering challenges
- FIRST LEGO League (FLL)
 - UMS: 26362 and 26361
 - CCE: 60986
- The Compass Alliance (TCA)
 - Created educational reels about a variety of FIRST related topics
- Manufacturing Parts
 - 714 Panthera
 - 8630 CAP Robotics



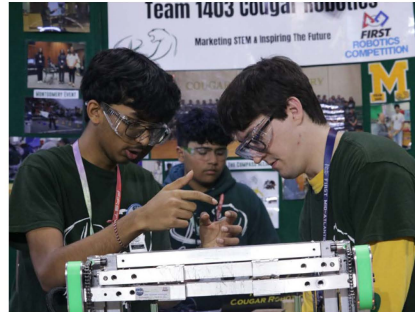
ENGINEERING INSPIRATION



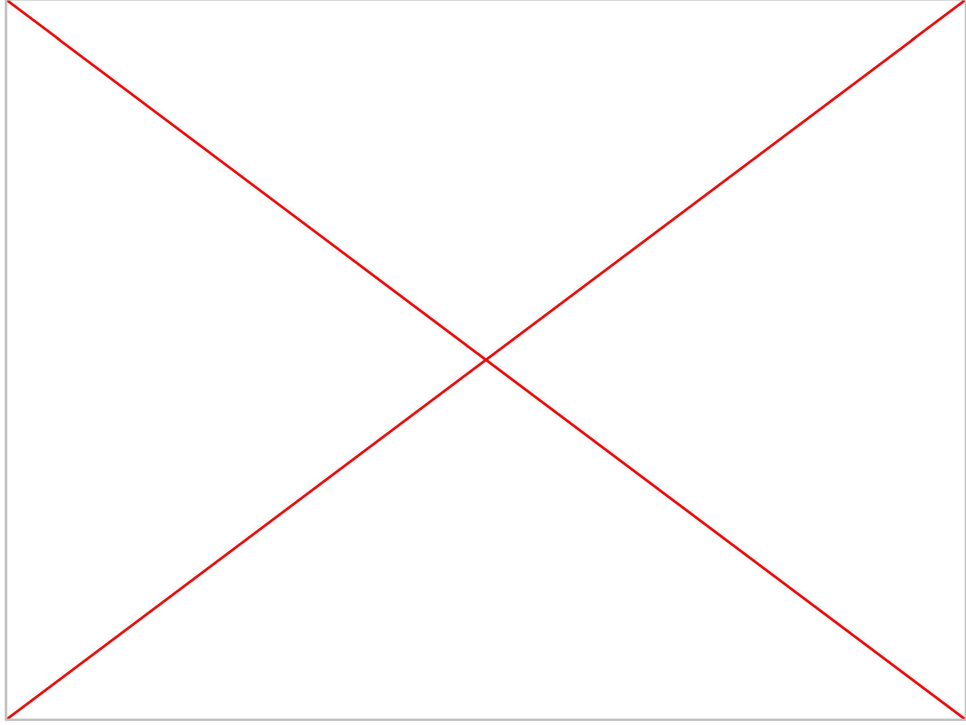
- Bridgewater Temple classes
 - Partnered with temple to teach our own FLL curriculum to students
- Women in STEM Storytimes
 - Children feed and operate the 2024 robot
- Library DIY
 - Made DIY crafts made from laser machine and demonstrated dancing robot
- Cub Scouts Outreach
 - Demonstrated Spike Prime robots to Scouts



SEASON HIGHLIGHTS



ROBOT RECAP 2025





THANK YOU



<https://cougarrobotics.com/>



cougar1403@gmail.com



@team1403