



2025 B.O.E. PRESENTATION

AYAAN, CHINMAYI, VANSH,
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



Johnson & Johnson

BUILDING OUR TEAM

- Cougar Classes
 - Life Lessons
 - Ethics...
 - Storytelling...
 - Team Engineering Activities
- Big Cougar Little Cougar
 - Veteran & Returning Members
 - Team building challenge
- Leadership Training
 - Set goals & expectations
 - Emotional quotient training
- Minds Without Borders
 - Partnered with Nonprofit to host workshop with team

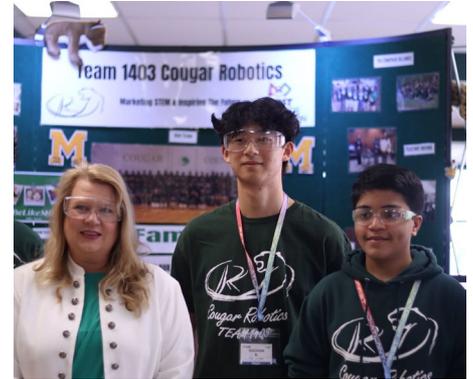


HATBORO-HORSHAM

- 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



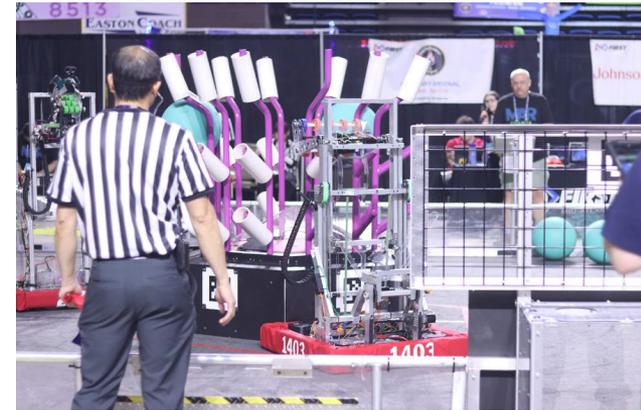
- Ranked 4th individually and 3rd in playoffs
- First pick of 2nd Alliance
- FIRST Impact Winner
- Toured Assemblywoman Mitchell Drulis & Montgomery Mayor Neena Singh
- Women in STEM Panel
- Mentor Mental Health Safe Space



FMA DISTRICT CHAMPIONSHIP

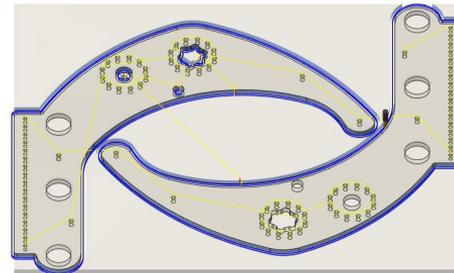
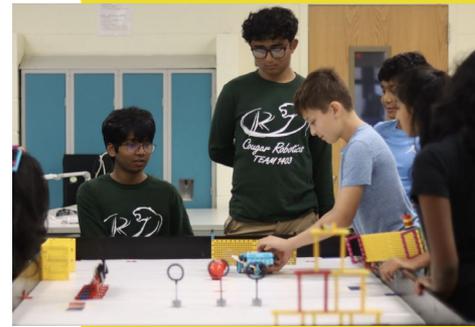


- Finished top 30 overall individually with a performance 84th percentile globally
- Averaged 50% of our 3-robot alliance's total points
- 90% game piece scoring efficiency
- Top speed of over 10 miles per hour



IMPACT BEYOND COMPETITIONS

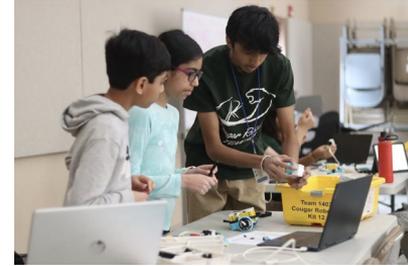
- SOAR
 - Taught design and programming skills through engineering challenges
- FIRST LEGO League (FLL)
 - UMS: 26362 and 26361
 - CCE: 60986
- The Compass Alliance (TCA)
 - Created educational reels about a variety of FIRST related topics
- Manufacturing Parts
 - 714 Panthera
 - 8630 CAP Robotics



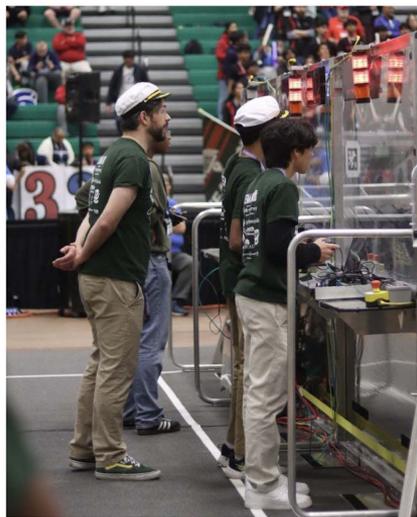
ENGINEERING INSPIRATION

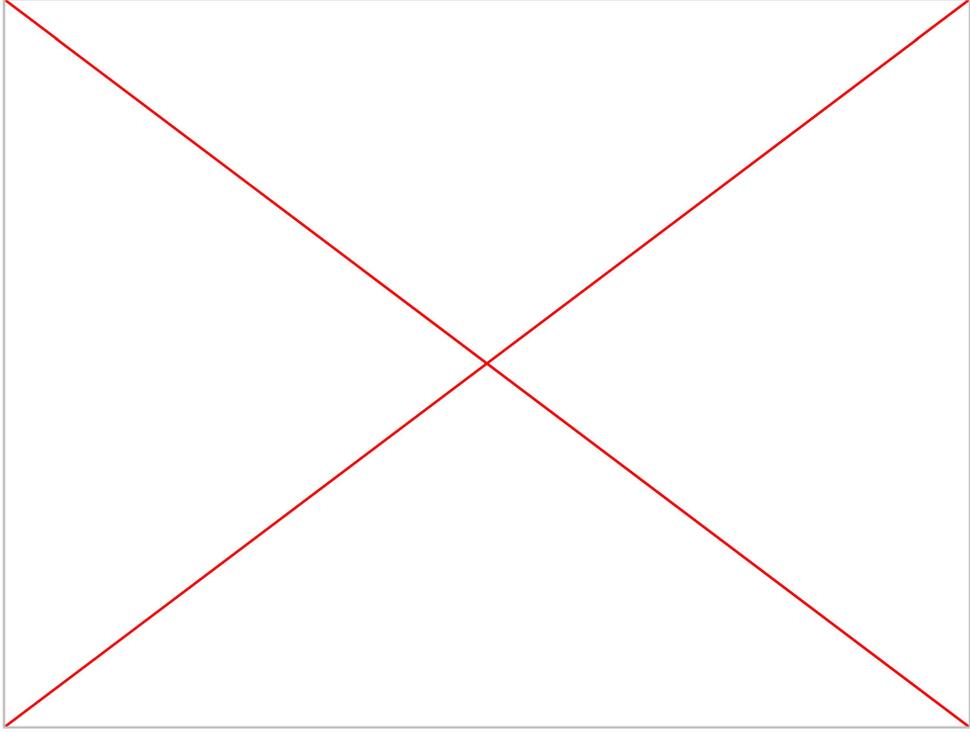


- Bridgewater Temple classes
 - Partnered with temple to teach our own FLL curriculum to students
- Women in STEM Storytimes
 - Children feed and operate the 2024 robot
- Library DIY
 - Made DIY crafts made from laser machine and demonstrated dancing robot
- Cub Scouts Outreach
 - Demonstrated Spike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



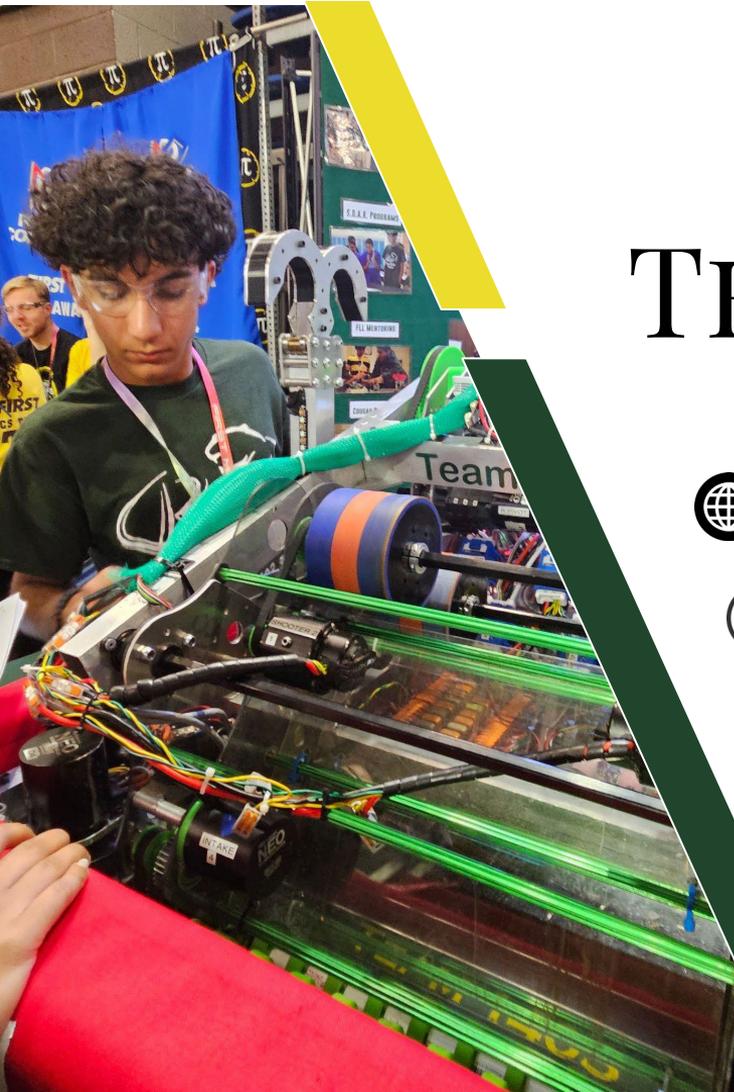
SEASON HIGHLIGHTS





ROBOT RECAP 2025





THANK YOU



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