

# ICBC Ravenbots



Our goal is to help Muslim youth thrive through robotics—developing technical skills while deepening their connection to the masjid and Muslim community. We aim to foster creativity, leadership, and Islamic character through team collaboration, service, and hands-on engineering.

## Introducing STEM to Kids:

We mentor local FLL teams and host interactive outreach events to inspire younger students with hands-on STEM experiences, sparking their interest in robotics, coding, and technology.

## Teaching Programming:

Teaching Programming provides kids with practical skills in coding and program development through interactive exercises. They gain knowledge in logic, sequencing, and troubleshooting, building a solid foundation for technology careers while enhancing their problem-solving abilities for various fields.

## Faith and Masjid Engagement:

We encourage our team to pray in congregation, learn in the masjid, and spend more time in Muslim spaces. Robotics becomes more than just STEM—it becomes a way to connect with the ummah, strengthen our deen, and use our talents in service of Islam. We host events in masjids, volunteer at Muslim organizations, and strive to make the masjid a second home for every child.

## Business Relations:

The Business Relations program teaches younger students essential skills like email writing, project management, and sponsor engagement, while fostering teamwork, professional communication, and self-presentation. These experiences equip them with valuable tools for future career success.

## Interview Preparation:

We provide opportunities for kids to practice their interview skills, helping them learn how to present themselves confidently and articulate their ideas clearly. Whether for robotics competitions or future job interviews, These skills not only prepare kids for college and careers, but also help them become confident leaders and articulate representatives of the Muslim community.

## Design & Engineering:

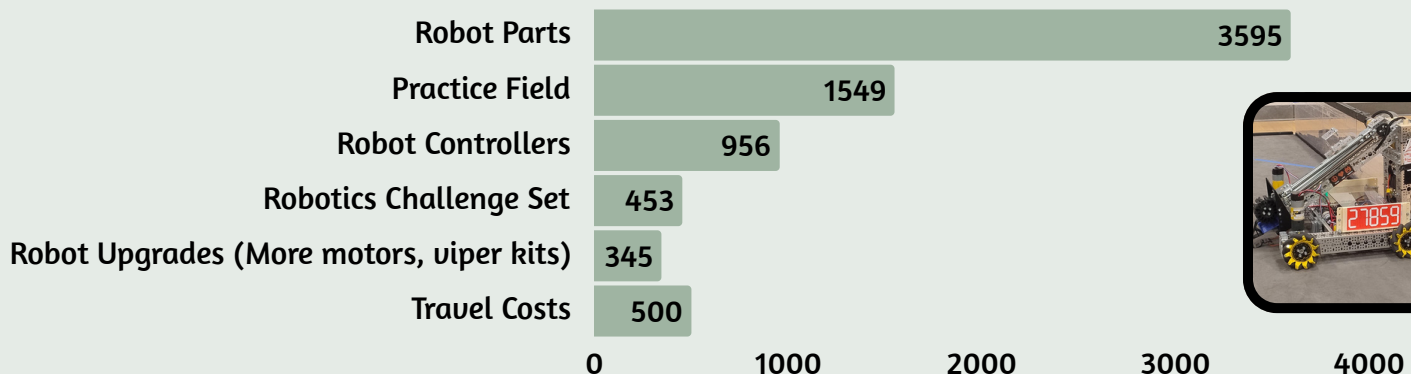
The design and engineering process introduces kids to building robots and understanding mechanical and electrical systems. By engaging in real-world applications, they develop problem-solving abilities, teamwork, and a deeper appreciation for the impact of engineering on society.

## Event Performance Summary:

- **Central HSATigers League Meet #2:** Qual Rank #17
- **Central HSATigers League Meet #3:** Qual Rank #13
- **Central HSATigers & SSTallions League Tournament:** Qual Rank #13, Connect Award Winner
- **Central Semi - Area Championship Corpus Christi:** Qual Rank #8, Finalist Alliance 1st Pick, Connect Award Winner
- **LightSaders Rookie Invitational:** Qual Rank #5



## 2024-25 Season Expenses (~\$7.5k)



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