

ICBC Ravenbots

Our Mission



Our goal is to improve our learning and creativity using robotics. The FIRST Tech Challenge team focuses on cultivating STEM abilities through teamwork, giving back to the community, and simply having fun while creating fantastic robots.

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.

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.

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:

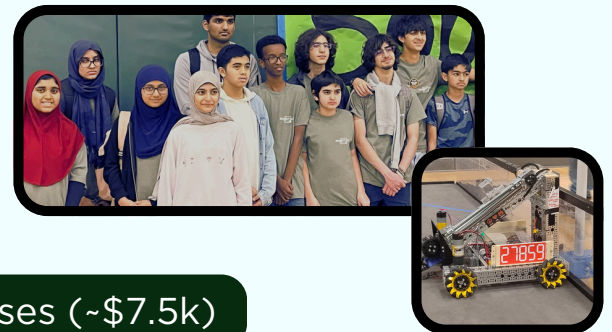
We provide opportunities for kids to practice their interview skills, helping them learn how to present themselves confidently and articulate their ideas clearly. Whether for robotics competitions or future job interviews, these experiences teach them how to succeed in professional environments and develop the communication skills they'll need throughout their lives.

Public Speaking:

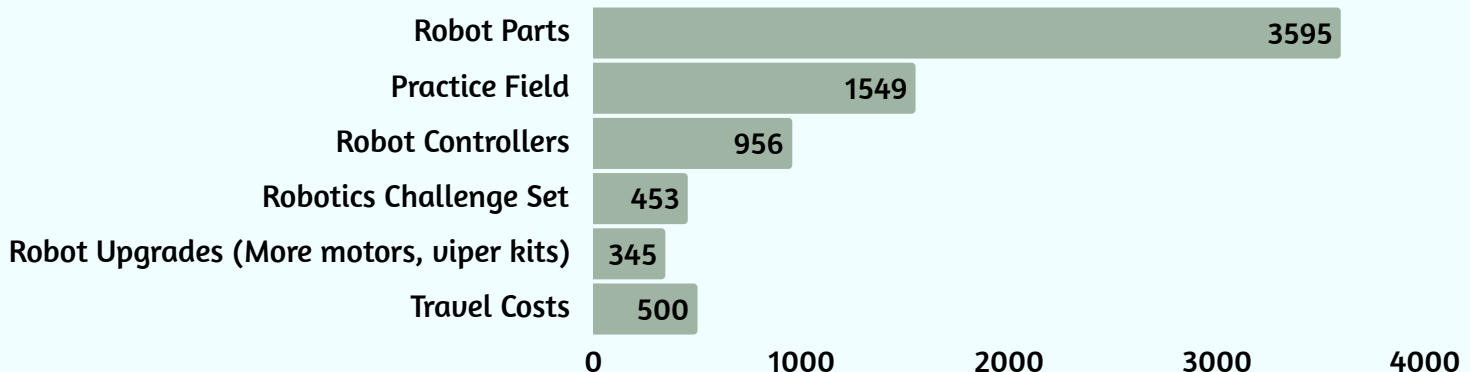
Through team presentations and outreach events, kids learn to communicate ideas clearly and confidently. Early practice in public speaking helps them develop essential skills for academic and professional success, while building the confidence to express their ideas effectively to any audience.

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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