

We Want **YOU** For Our Robotics Team

Want to learn about STEM? Meet new people? Develop fundamental life skills? **AND HAVE SOME FUN?**

Well look no further, joining our team (The Mechanical Sea Serpents) and participating in VEX Robotics is the answer to all your questions!

Technical and Academic Benefits

Learn about various STEAM (Science, Tech, Engineering, Art, Math) related concepts in a hands-on and encouraging manner.

- **Science and Engineering Design Process**
- **Coding/Programming:** RobotC (C), VexCode (C++, Python), PID Loops/Controllers
- **Build/Engineering:** Learn to build highly functional robots based on given criteria and/or challenges.



Our robots over the years



Development Benefits

Participating in the VEX IQ Program and Competition fosters essential life skills needed in the present and future, such as:

- Teamwork, Collaboration, Communication, Social Skills
- Problem-Solving, Critical-Thinking
- Curiosity, Creativity, Innovation
- Leadership
- Perseverance, Persistence, Tenacity

Enjoyment

Robotics is fun! You're given the opportunity to socialize with friends while simultaneously meeting new people and making a new hobby. Joining VEX will allow you to learn new and interesting topics in an exciting, competitive fashion.