

# VEX ROBOTICS

## What is VEX?

Students create, build, program, and test robots using construction systems to compete in competitions on teams!

## Students and mentors work to:

- Design and Construct elements of a robot to the current competition challenge
- Create blueprints and a 3D model of the robot using CAD
- Program the robot to work with motors and sensors for teleoperated and autonomous control

## Students Gain:

- Stronger problem solving skills
- Communication skills and team experience
- Programming and engineering skills
- Understanding of CAD and Robots