

# LEGO Robotics Competition

*Teams will compete to show their skills in designing and operating a LEGO robot.*

What to bring:

RCX, NXT, or EV3 LEGO robotics kit

Batteries for the robot

Laptop/tablet to program the robot

Competition Instructions:

Bring your team's robot in disassembled form. All teams will start with a disassembled robot.

Basic building plans will be provided or you can use your own. Every team will have the same amount of time to assemble their robot.

Each team will be charged to run a basic set of tasks; guideline will be provided on the day of the event.

Judging:

Teams will be scored on robot design, successful programming for tasks, and teamwork.

Make sure your team can program a robot to:

- Maneuver back and forth
- Maneuver around an object
- Do the above tasks while keeping the robot in a confined space

