

MOTION

Wind Sprints Challenge Level 2

Challenge Description

Just like the original Wind Sprints Challenge, the robot is programmed to move forward 25cm, then 25cm backwards, then 50cm forward, and 50cm backwards - all the way up to 100cm. The difference with the Level 2 challenge is that the robots has to make a complete stop and raise their arm when they get to the distance line. Additionally, when they get to the starting line, they must again completely stop and lower their arm. Once again, the robot that completes the course the fastest wins, but the wheels on the robot cannot cross the distance lines completely. If it does, then the robot is disqualified.

Materials Needed

- Black electrical tape
- Ruler (or straight edge)
- Scissors (or cutting tool)

Board Specifications

