



Challenge #2



Ambulance



Robotics Curriculum
IT Adventures

Ambulance

DETAILS

Construct an autonomous ambulance to conduct a rescue mission. The victim has already been placed on a gurney, so your ambulance just needs to go get them and return them to the hospital as quickly as possible.



RULES

- Your robot must start at the hospital and return the victim to the hospital - use the optimal path for extra points!
- Your robot must not cause further injury to the victim or cause damage to surrounding structures.
- Your robot should work quickly! Every second counts when lives are on the line
- Creativity points for your vehicle looking and sounding like an ambulance

SCORING

___ / 20 Victim delivered to the hospital

___ / 15 Victim health

___ / 10 No collateral damage

___ / 10 Timely retrieval

___ / 30 Design / Creativity

___ / 5 Autonomous