

# Robotics

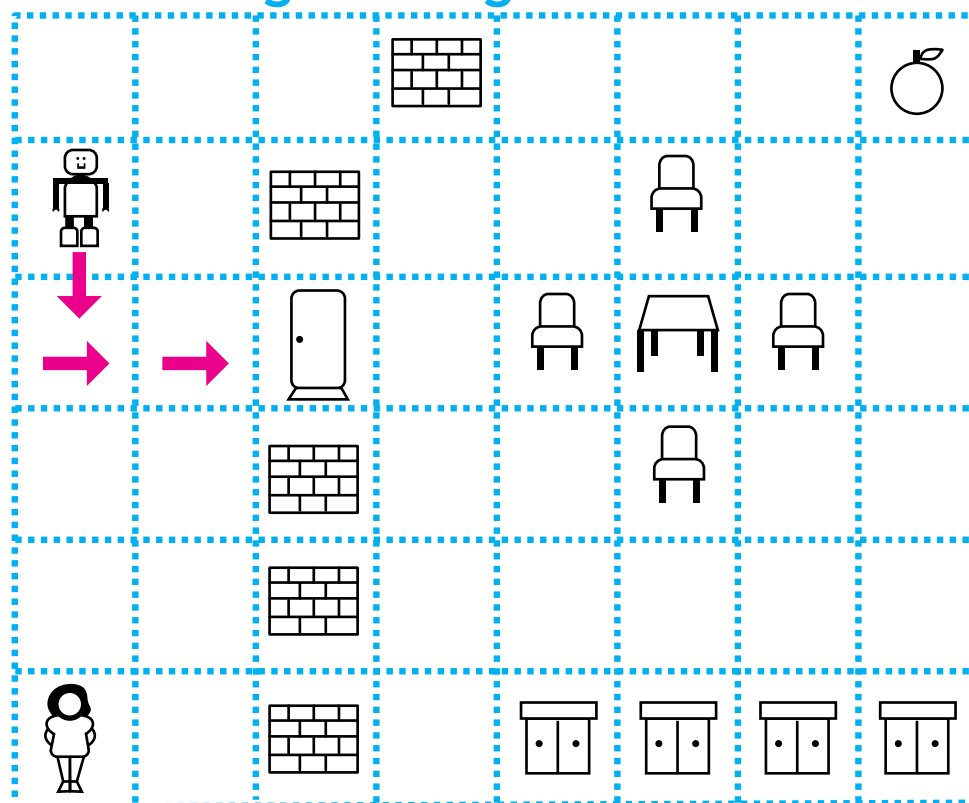
The video “Robotics” teaches you about robots and the people who work with them. As you learned in the video, robots can’t do anything without instructions, or programming, from humans.

## Try This!

Programming robots involves lots of steps, but the most basic thing that many robots need to be told is where to go to complete a task. Help the robot below bring Randi an orange from the kitchen by telling it how to move. First draw the path that the robot would take to the orange and then the path it would take to get to Randi. Remember, your robot can't

walk through obstacles, it has to maneuver around them. The first three moves have been completed for you.

# Programming a Robot



Compare your work with a friend. Did you draw the exact same pathway? \_\_\_\_\_

Did both of your robots get the orange and bring it to Randi? \_\_\_\_\_

What does this suggest about the process of programming robots?