

The Human Robot

Time: 20 minutes

You need

- ☐ Paper and pencil
- ☐ A cup or small object
- ☐ A helper

Steps

- 1** Put the cup somewhere in the room.
- 2** Write step-by-step instructions to guide your helper to it. Use only: forward, turn left, turn right.
- 3** Read your steps aloud. Your helper follows them exactly, and does nothing extra.
- 4** If it goes wrong, find the bug (the mistake) and fix your instructions.

Before you start: what do I think will happen?

My observations

Table 1. Testing my instructions

Try	My instructions	What my helper did	Bug I found	How I fixed it
Try 1				
Try 2				
Try 3				

Think about it

Why must the instructions be exact?

What did finding the bug teach you?

Draw or stick your work here



Name: _____ Date: _____

Jobspark · Ask a grown-up to help whenever you need.