



RoboFesta-MK

"What's Your Program?" Activity



If you find yourself with a few minutes to spare during the day, why not have a go at pretending to be a robot doing an everyday task such as opening a door or making a drink?

Walk through the actions the robot must perform and talk out loud about what you are doing and why you are doing it.

For example, what would a robot have to do to make you a drink of squash? How would you do it?

First, find the bottle of squash (and a cup to put it into) - but how will the robot do this? *Can it see?*

Now take the lid off the bottle - but how will the robot do this? *Has it got two hands, or grippers?*

Now pick up the glass and fill it with water - *but how does the robot pick up the glass, move it to the sink and turn on the tap?*

Walk through and talk through some of the other things you do every day. How easy would it be for a robot to do them? What sensors will it need and what actions must it perform?