



RoboFesta-MK

"Program Your Parent" Activity



If you find yourself with a few minutes to spare during the day, why not have a go at programming your very own 'pretend-robot' (such as your parent, brother or sister)?

First of all get your pretend-robot to shut its eyes (or better still, wear a blindfold). Then give your pretend-robot the instructions it needs to perform a simple task.

For example, on the floor of the leisure centre are lots of coloured lines. Get your pretend-robot to stand on one of these lines (with their eyes shut, remember).

Now program your pretend-robot to follow some of the lines by telling them exactly where to go (for example, should they move forward one step, or turn left a quarter of a turn?). See if you can get your pretend-robot to walk between two points you have chosen, guided only by your instructions. Watch out for obstacles!

There are lots of other things you can try and program your blindfolded pretend-robot to do -

- pick up a ball from the floor and place it in a nearby bucket (or move the bucket some distance away and guide your pretend-robot there)
- put on some make-up, or play hop-scotch
- get several robots and programmers and play follow the leader