

Biology Bricks Activity

How Does our Brain Work?

This is an unplugged activity to be done without a computer. It can be done with several different types of materials and is suitable as an at-home or at-school activity.

You will need:

- *A sheet of graph paper*
- *A pen*
- *Some materials to build a maze with (Lego, match sticks, chalk, etc)*
- *A ruler*
- *Counters or characters (such as those from a Monopoly set)*



Instructions

1. Draw out the design of a maze using a ruler on a sheet of paper with a pen. This will be the design you make for your route. It needs to be contained within a square, so that it is a limited amount of space to work with.
2. Using some materials you have with you (the Lego, match sticks, chalk – you will need a large area to use chalk) to mark out the area, either as a small area on a table, or a larger area using chalk.
 - a. When using chalk, you can base this outside, so make sure it's a dry day. Also, this means you will be the guinea pig for the experiment – it might be more fun for the student taking part.
3. Using the maze you have created, now you need to make a list of commands that someone else can follow. It needs to include every step of the way. This is to help the person/character to move about the maze with the right instruction. Instructions should be clear and concise.
4. Set a start point, and a finish point. This is so that the list of commands take you from one end to the other.