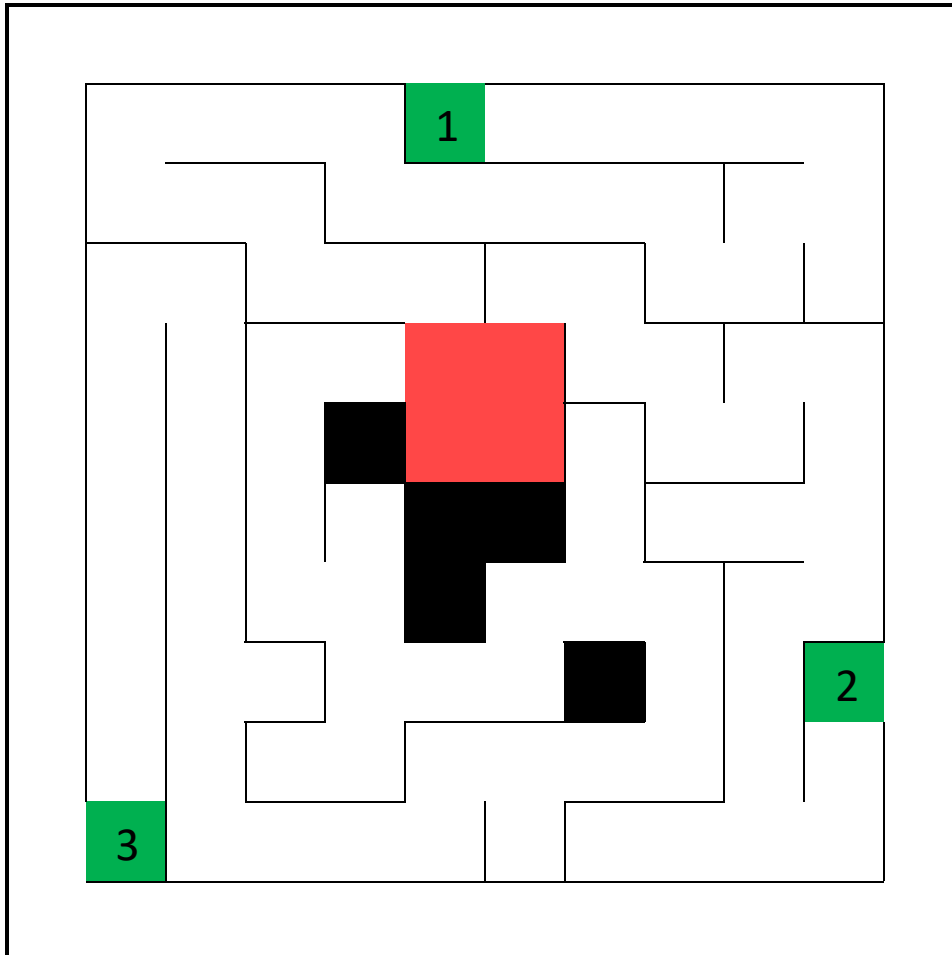# Digital Maker

Algorithm Maze

Algorithm Examples

Forward 3 Steps

Turn Left 90 Degrees

Forward until I say 'Stop'

Path Number: ____

Your task is to work in pairs to work a route from the start of your path to the centre.

Once you have done that, you need to create a set of Instructions (or the technical name, **Algorithms**) to get to the centre.

When you have created your Algorithms, one of your pair will be blindfolded while the other will guide them around the maze, using only the Algorithms you have created.

Good Luck

Digital Maker

Algorithm Maze
(Leader Sheet)

Read the following to the young people:

Your task is to work in pairs to work a route from the start of your path to the centre.

Once you have done that, you need to create a set of Instructions (or the technical name, Algorithms) to get to the centre.

When you have created your Algorithms, one of your pair will be blindfolded while the other will guide them around the maze, using only the Algorithms you have created.

Further Leaders Instructions:

- Leaders choose the pairs and which path each pair goes down.

- Give the young people ~20 mins to create the Algorithms.

- Use Necker's as Blindfolds.