

All maze panels are identical and are typically made from 12mm MDF. A tongue and groove arrangement on the top and right edge serves to align adjacent panels with a minimum risk of steps or gaps.

Each is 1080mm square with the post holes 10mm from the left and bottom edges, and 160mm from the top and right edges.

The size is chosen for maximum flexibility while still making it easy to transport in a typical family car.

A 4'x8' (1220mm x 2440mm) sheet contains enough material to make two panels and 48 walls with care. Note that 48 walls is not really enough for a 5x11 maze. 75 walls would be a better number

Post holes are 6.1mm diameter on 180mm centres.

Each panel can be used to make a 5x5 practice maze. When nine panels are combined for a contest, there is a one-cell additional boundary that can be used for sensor calibration.

A minimum of three panels is needed to create a maze with a 'legal' goal area.

Four panels combined will make a 11x11 mini-maze for occasional events.

