

# INNOVATE-IT



## Task 3 – Weave Poles:

**Goal:** Program the robot to weave through a line of poles spaced at regular intervals. Each pole will be placed 1ft 6 in. apart. There will be 5 poles.

### Rules:

The dog will start with its front feet behind the start line. The time will begin when the dog moves. The dog will move to the first pole and go around it on the right. The dog will then move to the left of the second pole and so on until they reach the 5<sup>th</sup> pole. After the 5<sup>th</sup> pole they will cross the finish line. The time stops when a foot crosses the finish line.

### Station Layout:

The start line is 1ft 6 in from the edge of the first pole. Each pole is 1ft 6 in apart. The poles can be made of anything.

