Using Interactive Technology to Teach Basic Algorithmic Instructions

Maze Construction

Construction

1. Grab or cut a 2 ft. x 3 ft. foam board
2. Grab another foam board and use an exacto knife to cut out the walls of the course
   * Use the chart below to help with the dimensions and amount of walls
   * Replace the blade periodically to keep the cuts smooth

|  |  |
| --- | --- |
| **Amount** | **Dimension** |
| 2 | 30 in. x 2.5 in. |
| 2 | 5 in. x 2.5 in. |
| 2 | 6 in. x 2.5 in. |
| 1 | 9.5 in. x 2.5 in. |
| 1 | 20 in. x 2.5 in. |
| 1 | 11 in. x 2.5 in. |
| 2 | 24 in. x 2.5 in. |

* + All walls should have a height of 2.5 inches

1. Use a hot glue gun to glue down the walls
   * Use the image below to help with gluing the walls to the maze

A black rectangular object with holes

Description automatically generated

6 inches.

30 inches.

24 inches.

9.5 inches.

5 inches.

30 inches.

5 inches.

24 inches.

6 inches.

20 inches.

24 inches.