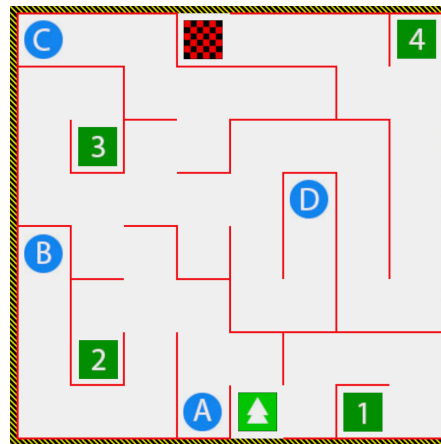


VEX CODE VR Activities



Letter Maze



Playground: Wall Maze

Challenges:

Level 1: Program the VR Robot to move through the maze from Start (green square) to Finish (checkered square).

Level 2: Program the VR Robot to move through the maze stopping on each of the letters in alphabetical order (A, B, C, D) and then traveling to Finish. The VR Robot should stop on each letter for 2 seconds.

Level 3: Try it in reverse! Program the VR Robot to move from Start, to D, C, B, A, then Finish. The VR Robot should stop on each letter for 2 seconds.

Helpful Hint:

- Try using the *Drive for* block from the Drivetrain category. This block moves the Drivetrain for a given distance.



- Matching Python command:

```
drivetrain.drive_for(FORWARD, 200, MM)
```

Competition Challenges:

Level 1: How fast can you navigate the maze from Start to Finish? Use the Pen to trace your path. Fastest time wins!

Level 2: Use the timer to see how fast you can navigate the maze, and stop on the letters in order. Use the Pen to trace your path. Fastest time wins!

Level 3: How fast can you navigate the maze **BACKWARDS**? Use the timer to see how fast you can get from Finish to Start, and stop on the letters in reverse. Use the Pen to trace your path. Fastest time wins!

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