Obstacle Course Challenge

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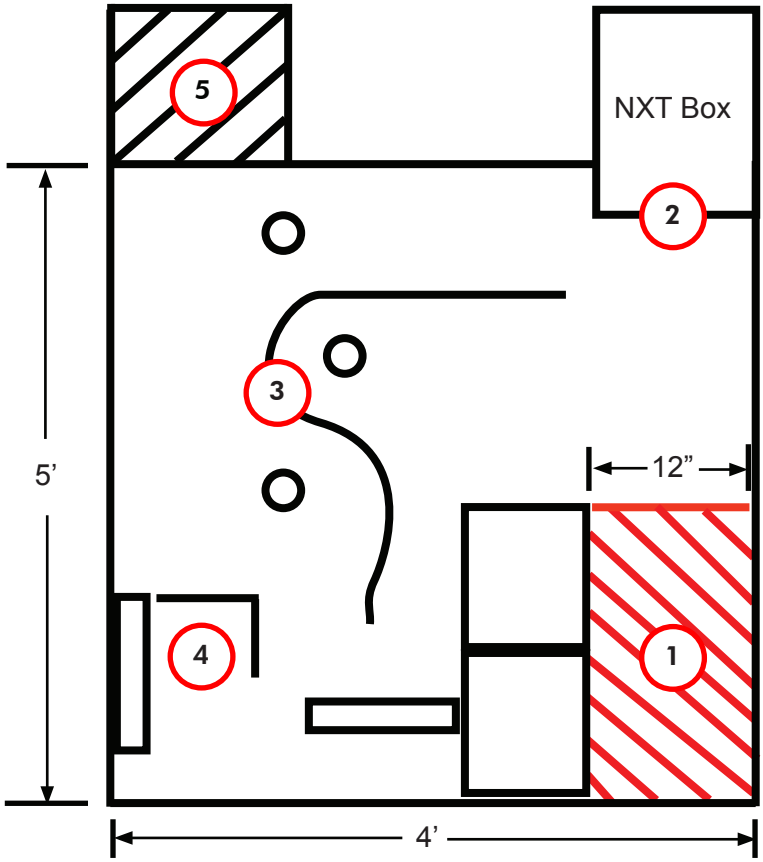
This challenge features a sequence of tasks that the robot must perform in order to get to the end of the course. The robot must move from its starting area to touch the wall, follow a line, get to a safe area, then move toward a final goal zone. A combination of both previously-learned and new behaviors will be needed to accomplish these tasks.

Rules and Procedure

1. Start the robot in the Start area (#1)
2. The robot must touch the NXT storage box (#2).
3. The robot must not knock down the pipe obstacles or the book while following the line (#3).
4. Once the robot is inside the safe zone (#4), it can be picked up and moved, but you cannot start a new program.
5. The robot must finish in the final goal (#5).
6. Complete all numbered steps in a single run to beat this challenge!



1 Starting area

2 Touch this box

3 Follow the line without knocking over any pipes

4 Safe area (you can pick up the robot here)

5 Goal area

Note: Diagrams are not drawn to scale

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