

Water Extraction

Description

Your robot must follow the river to the Water Tower and lake, then lower a 'water extraction pipe' into the lake..

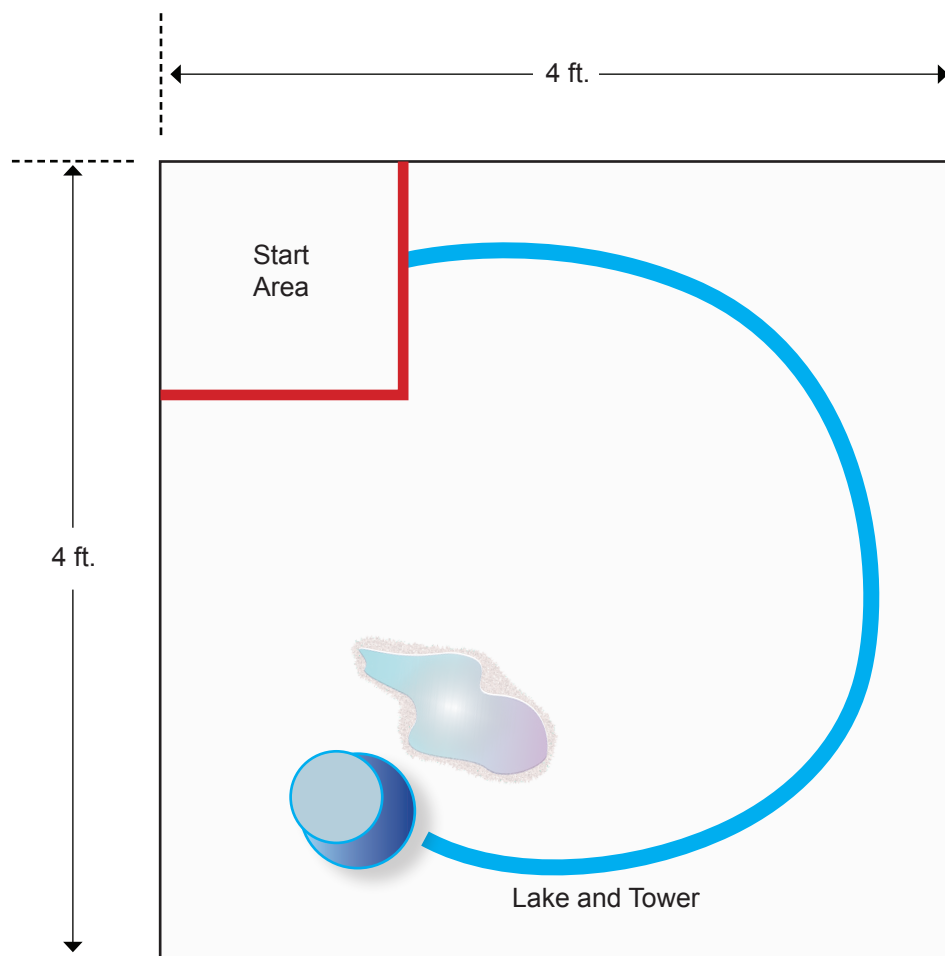
Rules

1. The robot must start in the designated Start Area. No part of the robot can extend beyond this border, even if it is not in contact with the board surface.
2. The robot should include a 'moving pipe' feature that can be lowered onto the surface of the lake. This pipe should remain above the board surface during the journey to the lake.
3. If the pipe makes contact with the lake surface, it is considered a successful mission.

Scoring

25 points awarded for driving to the lake and lowering the pipe to touch its surface.

15 points for making contact with the Water Tower but not lowering the pipe.



Note: Board size and prop placement can be approximate. If your camp provides two boards for the same mission, the boards should be identical so that teams can practice and complete tasks on either board without re-considering measurements.