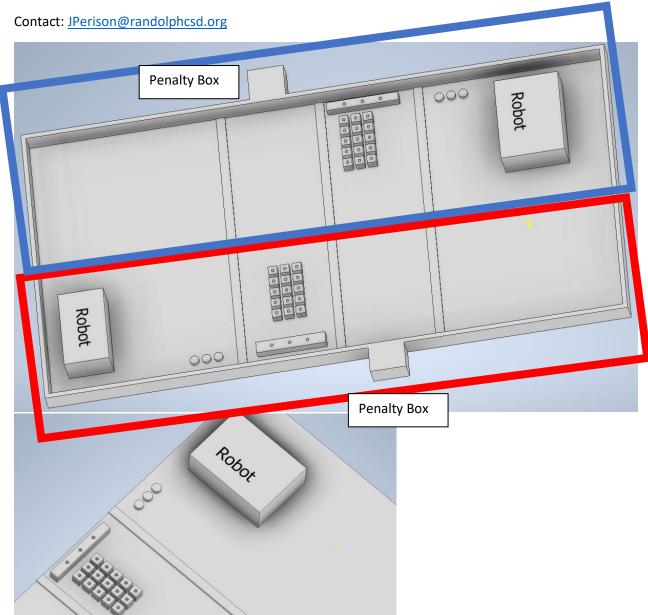
Robot Hockey Build

Coordinator: Jessie Perison



Objective: Create and move 6 pairs of stacked blocks to the opponent's side. Create and place the goal on top of the at least 2 blocks then place your pucks under the goal.

Scoring:

10 Points for each stack of cubes (Players) (6 Max)

-Once they are stacked, they should remain stacked. If you hit your own, you must rebuild them.

--If you hit your opponents, they have the choice of which top block they want to place back in the starting zone.

-After one player is stacked and built, you may complete build your goal and score.

30 Points for an assembled goal. (Goal area will be in the traditional area. As long as it is in the center

within 10" of the side it will be accepted.)

10 Points for each puck passed under the goal.

-Once the puck is passed under the goal it will be removed from the board.

-You may steal your opponent's pucks once yours have been place and if they have not been

scored.

Penalty Box- You may place one of your opponents in their penalty box, however they must be placed in a manner that the blocks stay together. If one or two blocks fall during transportation, you will have one

of your players removed from play.

Time Limit: 5 Minutes

Rules:

-You may not hit may not hit the opponent's goal. Everytime you do, one piece of your goal will

be place back in the starting zone.

-You may use more than one cube per side to balance and place blocks to increase steadiness.

-The players (stacked cubes) maybe stacked anywhere on the opponent's side.

-If you purposely hit the opponent to slow them down, you will lose one puck each time.

-The pucks may not be cross the center line until the goal is built

-The robot must be smaller than 16" x 16"x 16" during the game.

-Robots may transform during the match, but must return back to original size. It must stay

smaller than 24" wide to allow other teams to compete.

Items:

Base: will be ¼ Luan

Pine Wood Cubes: 1.5"x 1.5" x 1.5"

-A 3/4" hole will be drilled all the way through one side. The hole will be placed

vertically. The cubes will be placed about 1.5" offset in a rectangular array. They will not be exact.

Goal Top Bar: Pine Lumber:1.5" x 1.5" x 12"

-Three 3/4" Holes will be drilled through the bar with a spacing between them of

approximately 3". The holes will be placed vertical at the start.

Pine Wood Pucks: 2" Diameter x 1/2" tall

Red and Blue Lines: 1.5" wide and $\frac{1}{2}$ " tall. Placement is the same as a hockey arena.

Arena: 4' x 8'

The play area will be enclosed with a ¾" board that is 4' tall.

The penalty box will be 6" wide and 6" deep. (Cubes must be placed in a stacked manner)

(The field will be in quarters and the intersecting areas may not be completely flat.)

*Edges will be slightly sanded. Teams may bring their own blocks and pucks if they desire and meet criteria.

If both teams are at the same point, a one-minute overtime will begin.