

Rope Runner Robot

The Challenge

Object

As a team of ____, use a Rope Runner Robot, (**RRR**) to deliver as much payload as possible during a given amount of time or runs. The Robot must move along the given rope, stop ____ cm from the wall, drop the payload and then return for more payload. Repeat process until time or number of runs has been completed.

Directions

1. Stretch the rope out and secure it above the team wall spot. This must be ____ cm above the ground.
2. Place holder/cup ____ cm from back wall spot directly under the rope.
3. A member (ties or holds) the other end of the rope ____ cm behind the starting line. Must also keep the **RRR** steady and rope taunt.
4. Another member will be responsible for placing the payload into the basket when the **RRR** returns to the starting line. The payload can only be added behind the starting line.
5. All team members must stay behind the starting line.
6. No team member can be near the payload dropping point.
7. All teams will have ____ (time or runs).

