

# Aeronautical and Aerospace Engineering

Challenge

Balloon Racers



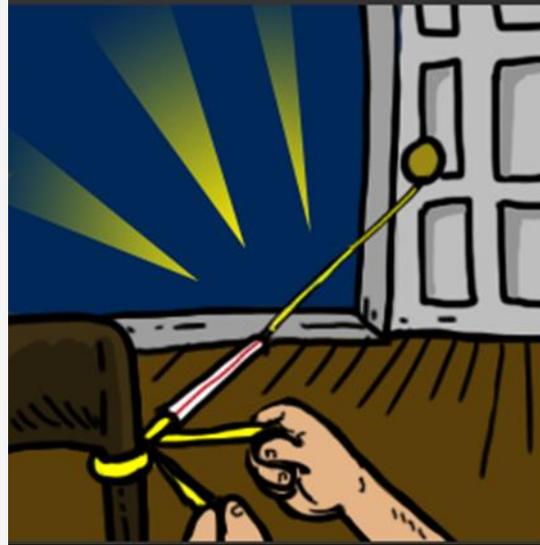
## STEP 1

## Gather Your Materials



## STEP 2

## Create your Track



Tie one end of the string to a chair, door knob, or other support.

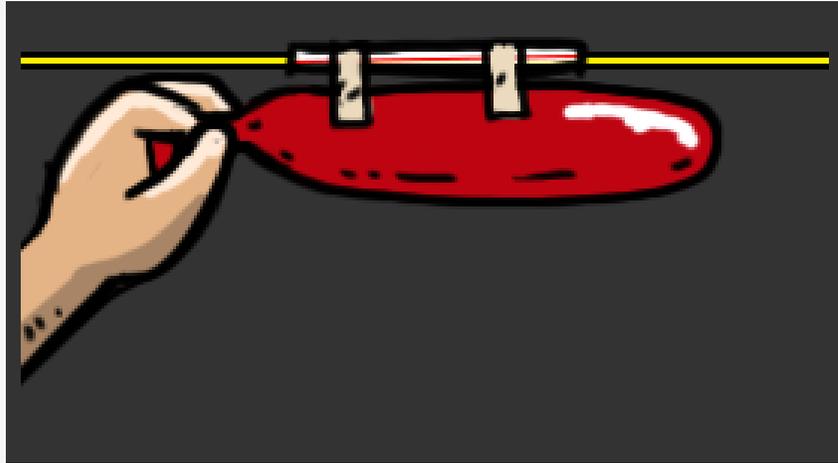
Put the other end of the string through the straw.

Pull the string tight and tie it to another support in the room, make sure the string is pulled tight.

Repeat this process to make a second racetrack of the same distance

### STEP 3

### Attach your balloon



Blow up the balloon (but don't tie it.)

Pinch the end of the balloon and tape the balloon to the straw as shown above.

You're ready for launch.

Let go and watch the rocket fly



Send us a picture of your project



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