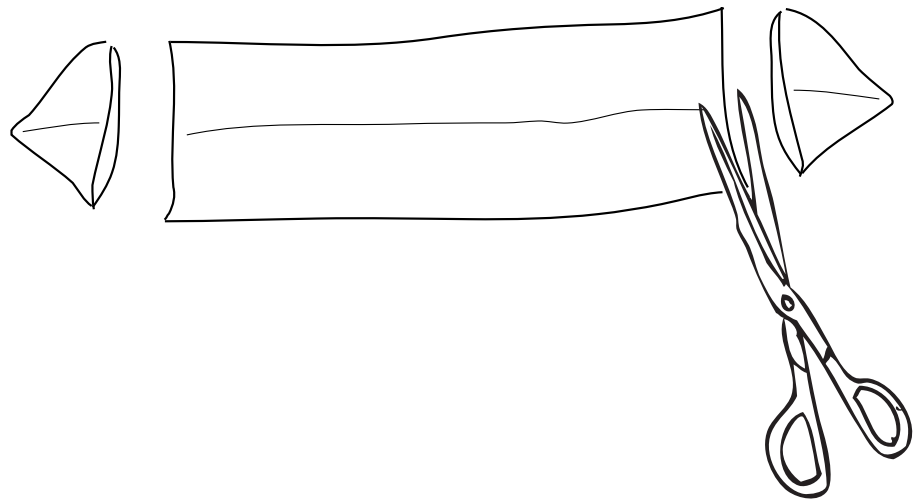
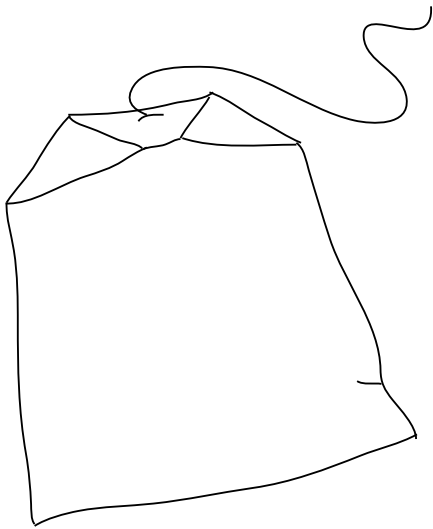


# SCIENCE



## Tea Bag Rocket

### You will need

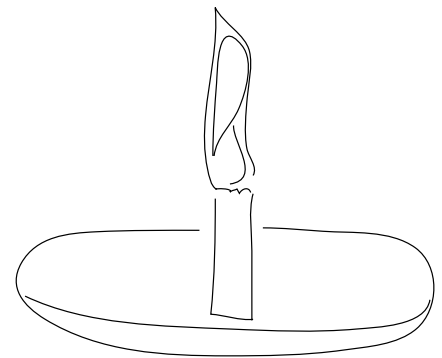
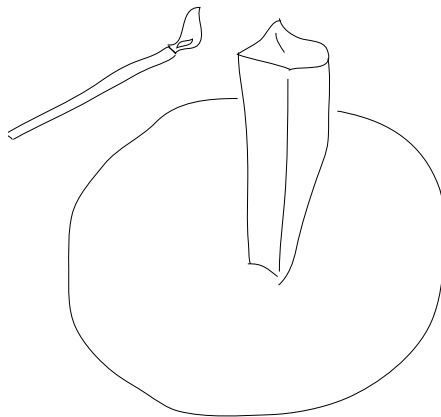
- × A regular tea bag
- × Matches
- × Scissors

### Caution

- × Take caution when using matches and burning paper.
- × This experiment works best in a still room with no air blowing.

### How to do it

1. Remove the string and staple from the tea bag carefully without tearing the bag.
2. Unfold the bag, snip off the ends, and empty out the contents.
3. Form the bag into a cylinder shape and balance it on its end on a plate.
4. Use a match to light the top of the tea bag cylinder.
5. When it has almost burned down to the end it should launch into the air and the ash will drift back down.



## Why does it work?

*As the paper from the tea bag burns it creates an updraft of rising air. Cool air then moves in to fill the space left (this is called a convection current), and then lifts the cylinder off the ground when it has burnt down enough to become light enough to lift off.*