



## Tea Bag Rocket

### You will need:

- Safe flat surface, with some water nearby
- Teabag (Lipton works well)
- Plate
- Scissors
- Matches

**Make sure you ask for help or permission from an adult before making your tea bag rockets, and choose a location that is safe for a naked flame.**

### Instructions:

1. Carefully remove the staple and string from your teabag. You can cut this off with a straight cut so that your rocket can balance easier if you prefer.
2. Unfold the teabag and empty out the contents onto a plate. You don't need the tea leaves for this activity, so maybe you could make a pot of tea for a loved one. Remember to use a tea strainer!
3. Shape the tea bag into a tube, and lightly twist one end (see photo below).
4. Balance the rocket on its open end, making sure it won't fall over when you light it.
5. Get your match and light the top twisted part of your rocket, and watch it take off!
6. Remember to clean up any ash once you're done.

### What's happening?

You might already know that hot air rises. When the fire burns the tea bag, it makes your 'rocket' lighter and lighter until it becomes an 'ash skeleton'. Your rocket is now light enough that it can fly into the air with the hot air created by the flame.

