

Unbelievable Bat

If you're putting up some Halloween decorations it's pretty likely there will be bats all over the place. What could be more spooky than bringing them to life with some static science?

What do I need:

- Balloon
- Tissue paper
- Tape
- Scissors

How do I do it?

STEP 1 - Let's make our first bat! Get an adult to help out with carefully cutting your bat out of tissue paper.

STEP 2 - So that your bat 'flies' and doesn't just 'stick' tape your bat to the table.

STEP 3 - Blow up your balloon.

STEP 4 - Rub your balloon on your hair or on something woollen (like a scarf or a pullover) to charge it up.

STEP 5 - It's time for our bat to fly! Put the balloon near to your bat and watch as your bat eerily comes to life and starts to fly!

What's going on?

Not only is our Unbelievable Bat super spooky and the perfect way to bring our Halloween decorations to life but there's some real science in here too!

So why does your bat take flight? Well, as you rub the balloon on your hair you load it up with a static charge. When you bring your balloon close to your bat that charge attracts the opposite charge on your tissue paper bat.

This pulls your tissue paper bat towards your balloon and lifts it into spooktacular flight!

More Fun Please - Experiment like a real scientist!

- What's the biggest tissue paper bat you can get to fly? You could turn this into a spooky competition with your friends!
- How high can you get your bat to fly? What could you use to increase the range? More balloons? String?
- How many bats can you get flying at once?

