



# CLIMBiNG GECKO EXPERiMENT

This simple experiment will help you discover how geckos can climb like sticky superheroes on all kinds of surfaces.

## WHAT YOU'LL NEED:

- A balloon, any size will work and you can even try multiple sizes and shapes
- A flat surface like a wall
- A wool sock or sweater
- A timer to help record your observations

## INSTRUCTIONS:

1. Blow up your balloon and tie it, this is going to be your gecko foot
2. Figure out which flat surface you are going to use, you can try different walls in your house or even something like a mirror
3. Rub your balloon against the wool sock or sweater for about 30 seconds to build up an electric charge. If you don't have a wool sock or sweater, you can rub the balloon on your hair!
4. Quickly move the balloon to the surface you picked out. Place the side of the balloon you rubbed on the wool or your hair against the wall and carefully remove your hand - what happens? (Hint: it should stay suspended against the wall, if it doesn't try step 3 again)
5. How long does the balloon stick on the wall? Be like a scientist and collect some data with your timer or try out the experiment again.



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