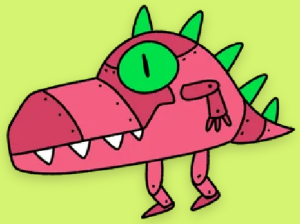
SCIENCE · ELECTRICITY AND CIRCUITS · GRADES 3–5

# Static Electricity Balloon

An experiment: rub a balloon on your hair and test what it pulls on.



**Name:** _____ **Date:** _____

**You need:** a blown-up balloon, tiny bits of torn paper, a wall and a sink. Rub the balloon on your hair or a wool sweater 20 times. Now it has a **static charge**. Hold it close to each thing below.

**My hypothesis: the charged balloon will** _____

| What I held the balloon near | My guess | What happened |
|---|---|---|
| **Tiny bits of paper** | | |
| **Your hair** | | |
| **A wall (let go!)** | | |
| **A thin stream of water from the tap** | | |
| **An empty soda can on its side** | | |

**Conclusion: what did rubbing the balloon do? Did the balloon push or pull on things?**

_____

_____



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