

Gravity

Below are two gravity tests you can try at home with an adult.

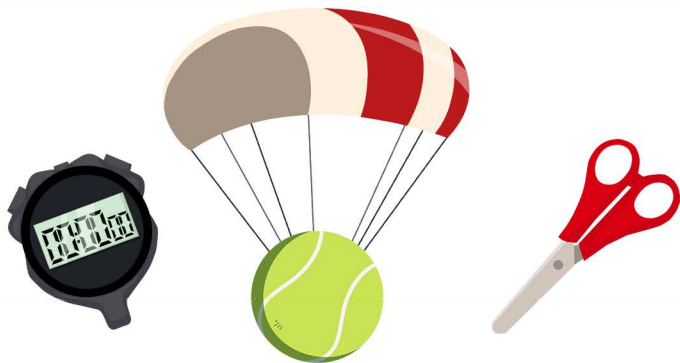
Test 1 - Can you slow gravity?

Can you slow the force of gravity?

First, drop a tennis ball, using a stopwatch to time how long it takes to fall.

Next with an adult, use paper, string and tape to make a parachute then tie it to the tennis ball.

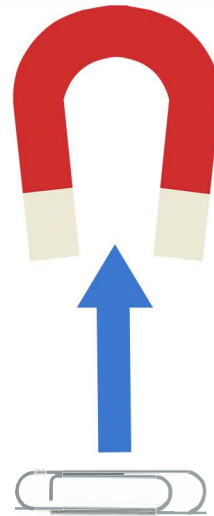
Now drop the ball and time how long it takes to fall. Did you slow gravity?



Test 2 - Can you reverse gravity?

Did you know you can reverse gravity using magnetism?

Using a magnet, hover slightly above something magnetic (like a paperclip or key) and watch it slowly lift up from a flat surface and reverse the effect of gravity.



You will need:

Test 1

- Paper
- Scissors
- A tennis ball
- A stopwatch
- String
- Tape

Test 2

- A magnet
- Something magnetic (like a paperclip or key)

