

# Magnets and magnetism

energy-forces

## Words to use

Magnet · Magnetic · Non-magnetic · Magnet strength

## Our question

Which materials are magnetic, and which magnet is strongest?

I predict...because...

## Test 1 – sort each object we tested

| Material | Magnetic or non-magnetic? |
|----------|---------------------------|
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## Test 2 – our fair test

We change only the magnet. We keep the same: the paperclips, how we start the chain, and how we count.

## Paperclips held in the chain (count only those still hanging)

| Magnet   | Trial 1 | Trial 2 | Trial 3 | Middle value |
|----------|---------|---------|---------|--------------|
| Magnet A |         |         |         |              |
| Magnet B |         |         |         |              |

Which magnet was strongest, and how do you know?