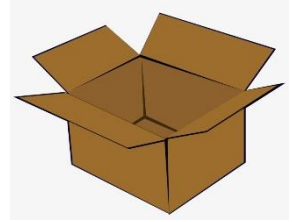




Science Activity

Magnetic fishing

Time to prepare: 5 - 10 minutes



□ Please, stay safe and ask a grown up to supervise you

Resources/ things you need

- A box e.g. shoebox/ plastic storage box etc.
- A variety of small items (mixture of magnetic and non-magnetic) e.g. paper clips, crumpled paper, screws, coins, cotton wool, pipe cleaners etc.
- A stick
- String
- Magnet (this can be a fridge magnet if you do not have a stronger one) **Please keep magnets away from smartphones and bank cards.**

What to do

1. Ask an adult to fill a box (e.g. a shoebox) with lots of different small items e.g. paper clips, crumpled paper, screws, coins, cotton wool, pipe cleaners etc.
2. Create your own magnetic fishing rod. Use string to tie a magnet to the end of a stick. (See picture for DIY fishing rod).
3. Use your fishing rod to go 'fishing' in the box. What items do you find stick to your magnet? Why?

Background and the link to learning

In the olden days people thought magnets were magic because as they would see things move without being touched!

Magnets exert an invisible force called magnetism which can push and pull things away and towards them, but only things that are made of iron or that contain iron.

Pictures



[Link to other similar activities](#) - Please see magnetic scavenger hunt.

