



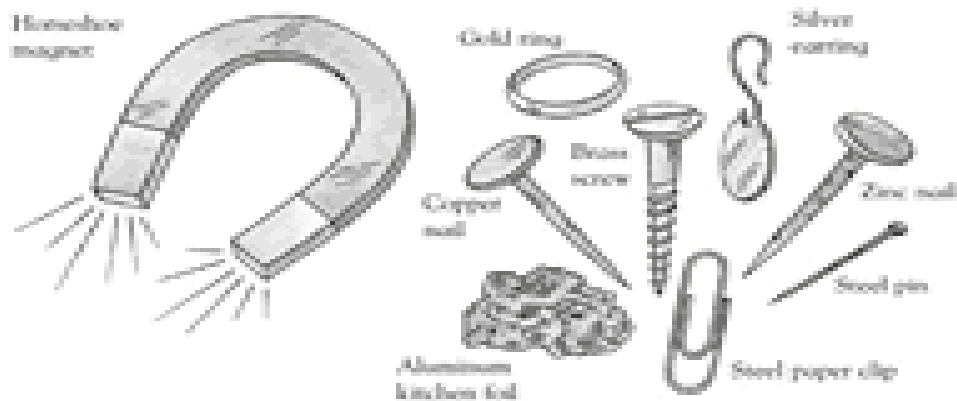
## Magnet magic

### Background knowledge

A magnet is a type of material that pulls on some metal objects. The magnet is said to attract the object. Magnets attract the metals iron, cobalt, nickel, and steel, but they do not attract other metals. Magnets can attract or repel (push away) another magnet. The force of a magnet can be felt from a distance. For example, an iron nail placed near a magnet will move toward the magnet. It looks like magic, but it is just the force of magnetism!

### Science activity

Draw a line from the magnet to each of the metal objects it will most likely attract.



### Science investigation

Test various materials' attraction to a magnet. Note down any samples that were repelled. What happens to the attraction as the magnet is moved away from the object?

