

# Understanding the World – Magnets

**Prior Learning**

Knows objects are made from different materials.  
 Can self-resource objects from the provision.  
 Makes links and is willing to have a go.

**Concepts**

**Experiment** – Testing things to see what happens.  
**Materials** – What objects are made of, e.g. plastic, metal or wood.

**Key Vocabulary**

Images, icons and maps.

**Magnet**  
 An object that has the power to attract some objects by making a magnetic force.

**Magnetic**  
 Objects that stick to the magnet.

**Non-magnetic**  
 Objects that do not stick to the magnet.

**Pull**  
 When objects are pulled together.

**Push**  
 When objects are pushed apart.

**Push**  
 Repel

**Pull**  
 Attract

What will stick?  
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**Key Facts**

- 1) Some things stick to magnets and some don't.
- 2) You can explore the 'push' and 'pull' of magnets by turning them around.
- 3) Metal things are more likely to stick to magnets.
- 4) Magnets can make some things move.

**Make a magnet train**

**Key questions for science.....**

Can you find 3 objects that stick?	Can magnets stick together?	Do all metals stick to magnets?	How could you find the most powerful magnet?	What happens if you try it another way?	What do you notice?
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