

## Science— Forces And Magnets

There are lots of different activities that your child can do at home to link into our unit Forces and Magnets. We would like you to find out which materials are magnetic and which are non-magnetic around your home.

One way you could achieve this is by using a magnet you have around the house, for example, a fridge magnet. Using your fridge magnet, you know that the metal of the fridge is magnetic because the magnet sticks to it and does not fall off. We say the magnet is attracted to the metal. There is an invisible magnetic force which pulls the metal to the magnet. If you then try to place the magnet on the wooden leg of a table, it will just fall off as it is non-magnetic.

Before you test each material remember to make a prediction (your best guess) as to whether you think the material will be magnetic or non-magnetic. When you have got your results, you could make a table to show which materials are magnetic and which are non-magnetic.

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There are also lots of great resources online to learn more about forces and magnets. You could watch videos on YouTube explaining how the world's biggest magnets are used or explore the information on BBC Bitesize:

https://www.bbc.co.uk/bitesize/articles/zg6q96f

## History—The Roman Rebellion

In school, we explore how the Roman's invaded Britain and the different things they brought with them such as roads, a calendar and even toilets!

You may like to do extra research on what Roman life in Britain was like. Explore what it was like for the Celtic tribes who lived there. Did they all greet the Romans when they invaded?



## Activities:

- Read or watch any Horrible Histories that explore the Romans. Can you find out an interesting fact that no one else will know?
- Can you create a character profile on Boudicca. Who was she? Why was she important?
- Find out more about what the Romans brought with them to Britain.