

Forces and Magnets

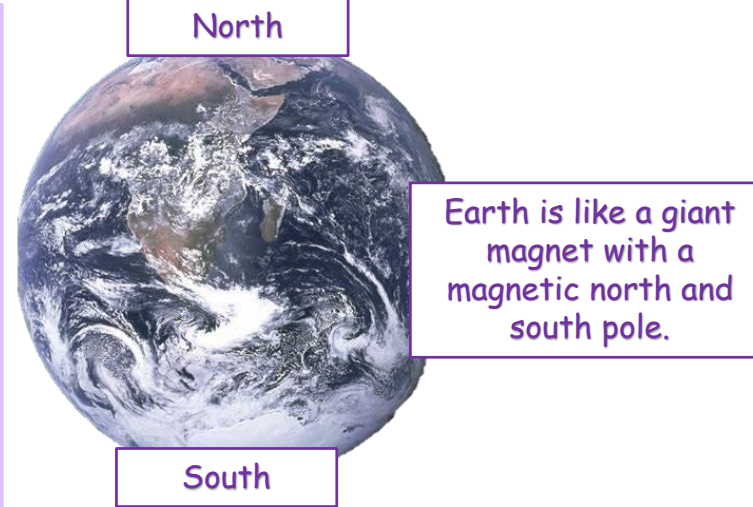
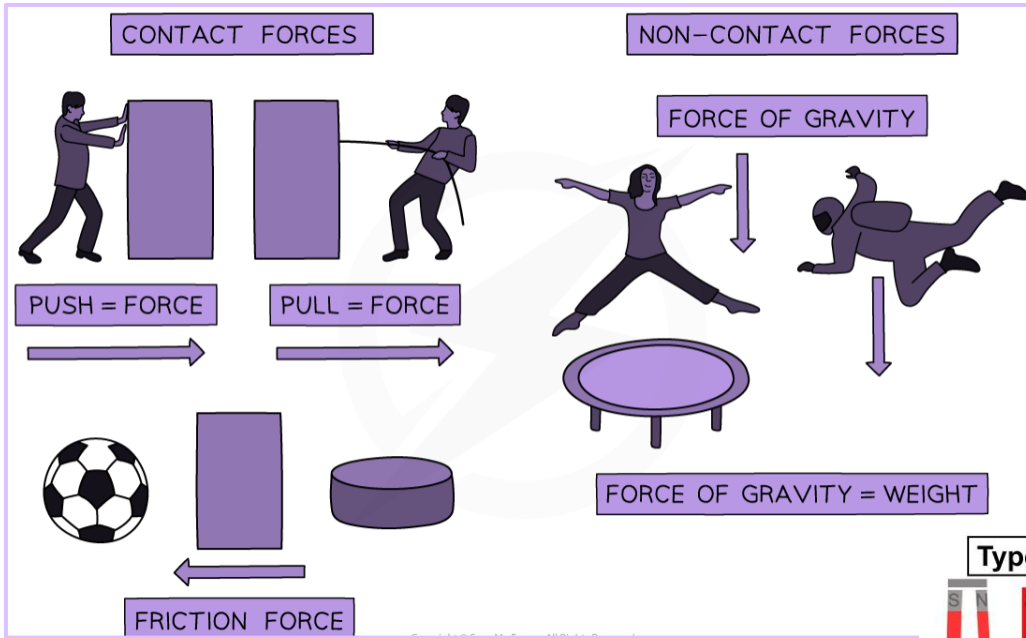
Key Concepts:

Read more:

Newton and Me by Lynne Mayer

Research more:

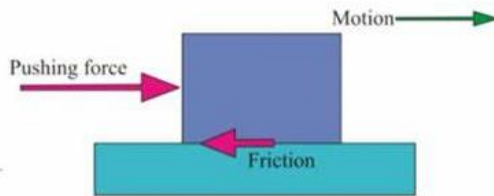
KS2 Science: Magnetic forces - BBC Teach
<https://www.bbc.co.uk/teach/class-clips-video/science-ks2-what-are-magnets/zbjn3qt>



A compass points to the north pole because of the Earth's magnetic field.

Magnetism

Friction

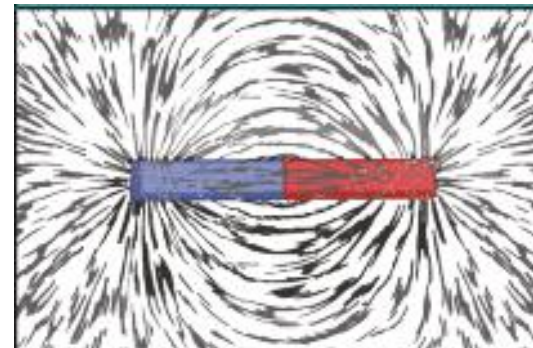
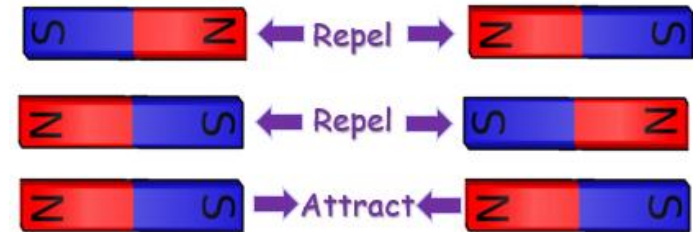
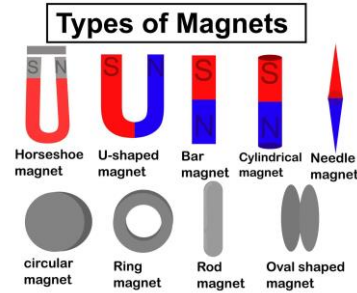


Different **surfaces** create different amounts of **friction**. The amount of **friction** created by an object moving over a **surface** depends on the roughness of the **surface** and the object, and the **force** between them.

The driving **force** pushes the bicycle, making it move.



Friction pushes on the bicycle, slowing it down.



Magnetic field - The area around a magnet where there is a magnetic force which will pull magnetic objects towards the magnet. It is invisible. This is what happens when Iron filing are placed on top of a piece of paper with a magnet underneath