

Year Three Science knowledge organiser– What is a magnetic force?

Key vocabulary

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| Forces | Pushes or pulls. |
| Friction | A force that acts between two surfaces or objects that are moving, or trying to move across each other. |
| Repel | A force that pushes objects away. |
| Attract | A force that pulls objects together. |
| Magnetic | Objects which are attracted to a magnet are magnetic. |
| Poles | North and south poles are found at different ends of magnet. |

Key knowledge

-Different surfaces create different amounts of friction. The amount of friction depends on the roughness of the surface and the object, and the force between them.

-A needle of a compass is a magnet. A compass always points north-south on earth.

Magnetic



Non-magnetic



Learn which sides of the magnet attract and repel.

