

Autumn 2

Knowledge Organiser

Science

Not all metals are magnetic! Take a look at the list below.

Magnetic vs Non-Magnetic Metals



Iron

Nickel

Cobalt

Steel



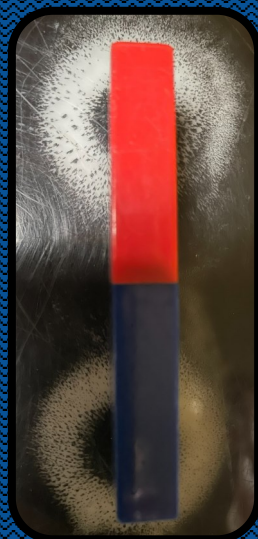
Aluminium

Copper

Lead

Brass

A magnetic field is an invisible force field created by a magnet which exists all around it. The magnetic field itself is invisible but it can exert a force on a magnetic material that comes into the magnetic field without touching the material.



A force is a push or a pull which causes an object to move or interact with another object.

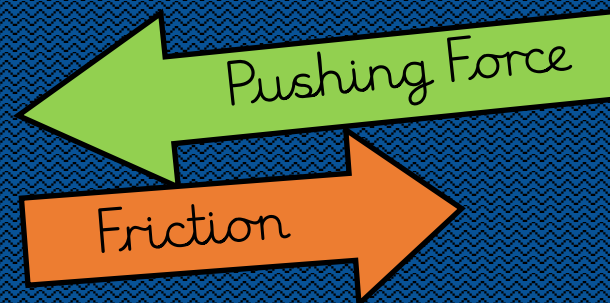
Key Vocabulary

Hypothesis—a hypothesis is a guess that we make based on information we know.

Variable—something that can be changed or observed in an experiment. To conduct a fair experiment, we only change ONE variable.

Friction—Friction is a force between two surfaces when they are sliding, or trying to slide, against each other.

For more interesting information, scan this QR code with a smart phone or tablet.



A magnet has two 'poles' a North and a South. Opposite poles attract, same poles repel.

