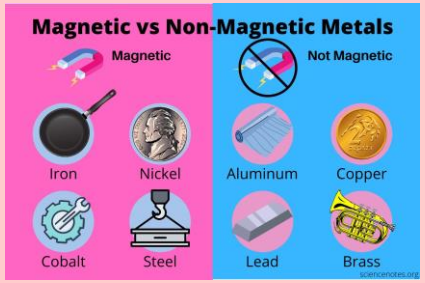
Year 3 Autumn 2 Science

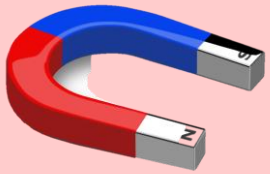
Magnets

Key knowledge

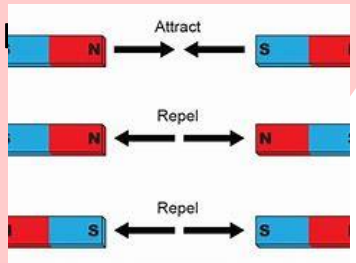
A force is a push or a pull
Some forces need contact
magnetic forces can act at a distance
Things move differently on different surfaces

Magnets attract magnetic materials
Magnets don't attract non magnetic materials





Magnets have two poles – north and south
Magnets attract or repel each other
Like poles repel
Unlike poles attract



Key Vocab

Magnet- object that produces a magnetic field

Attract/attraction - towards another object

Repel/repulsion- pushes another object away

Magnetic field -The area around a magnet where its magnetic force acts

Friction - The force between two surfaces as they move across each other

Magnetise - To make an object magnetic

Iron filings - Very small pieces of iron

Force meter - An instrument used to