

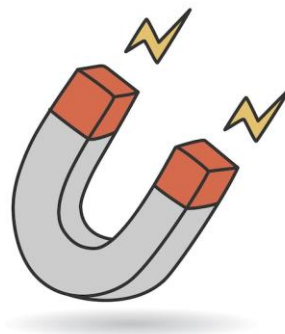
Curriculum overview

We will be learning about forces and magnets. We will investigate how pushes, pulls and friction affect movement, discover which materials are magnetic and explore how magnets attract and repel.

Key vocabulary

force	A push or pull.
push	A force that moves something away.
pull	A force that brings something closer.
magnet	An object that attracts some metals.
magnetic	Can be attracted by a magnet.
attract	Pull together.
repel	Push apart.

Our topic is...



Forces and Magnets

Sticky knowledge

A force is a push or a pull and can make objects start moving, stop moving, speed up, slow down or change direction.

Friction is a force that slows moving objects down.

Magnets attract some materials, such as iron and steel.

Magnets have two poles: a North Pole and a South Pole.

Opposite poles attract each other.

The same poles repel each other.

Magnetic forces can act without objects touching.

Types of metals

iron



aluminium



copper



nickel

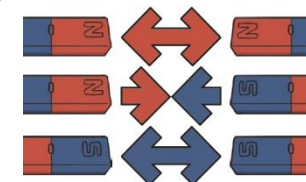


steel



Magnetism and Magnetic poles

The two ends of a magnet, called the North Pole and South Pole. The poles are where the magnetic force is strongest. Magnetism is a force that causes certain objects to attract or repel each other without touching.



Every magnet has a North Pole (N) and a South Pole (S)

