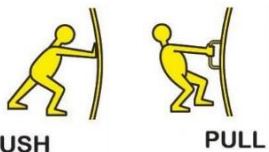


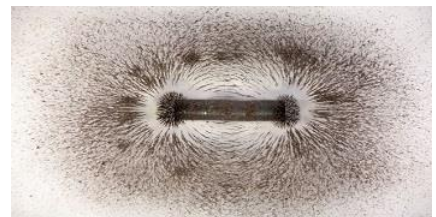
Key Facts

- A force is a **push** or **pull** on an object.



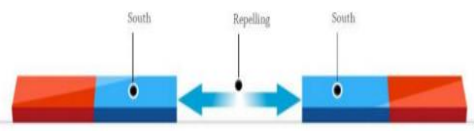
- A force can cause something to speed up, slow down, change shape or change direction.

- Magnets** are objects that pull or push things with an invisible force called magnetism.
- Magnetic forces can act at a distance because magnets have a magnetic field..

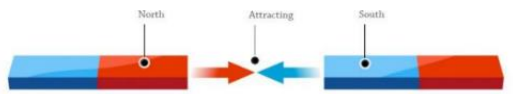


- The ends of a magnet are called its **poles**. One end is called the **north pole**, the other end is called the **south pole**.

Same poles repel.



Opposite poles attract.



- Iron, nickel and cobalt are the only natural metals which are magnetic

Key Vocabulary

attract	Attraction is a force that pulls objects together. It is the opposite of repel.
force	A push or pull that causes a change in speed, direction or shape.
friction	A force that acts between two surfaces or objects that are moving, or trying to move across each other. Friction causes objects to slow down and the energy becomes heat.
gravity	The area around a large object when a weight can be felt. The sun's gravity keeps the planets orbiting around it.
magnet	An object that produces a magnetic force.
magnetic	An object that is attracted to a magnet. Metal objects containing iron, cobalt or nickel are magnetic
Poles	The end of a magnet (North pole and south pole)
Repel	A force that pushes objects away.