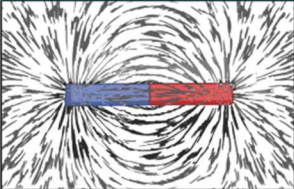

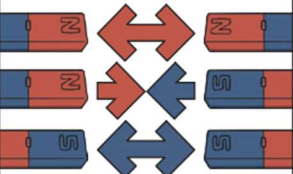


Magnets



Unit Vocabulary – Join them up with the correct definition once you have learned it,






forces	An object which produces a magnetic force which pulls objects towards it.
magnet	Area around a magnet where there is a magnetic force
magnetic	Force that pulls towards. Opposite poles attract each other.
attract	Pushes or pulls
repel	North and South poles are found at different ends of a magnet
Magnetic field	Force that pushes away. Like poles repel each other.
poles	Objects which are attracted to a magnet: contain iron, nickel or cobalt metals.

Key Knowledge		
	Like poles repel. Opposite poles attract.	
A magnetic field is invisible. You can see the magnetic field here though. This is what happens when iron filings are placed on top of a piece of paper with a magnet underneath.		The needle in a compass is a magnet . A compass always points north-south on Earth.

Scientific Enquiries

1. How do magnets work?
2. Why can magnetic forces act at a distance?
3. Which materials are magnetic?
4. Do different magnets have different strengths?

Magnetic ✓	Non-magnetic ✗
	
These objects contain iron, nickel or cobalt. Not all metals are magnetic .	These objects do not contain iron, nickel or cobalt.

Exploring/ Problem Solving 	Research 	Observing over time 	Identifying and classifying 	Fair and Comparative testing 
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