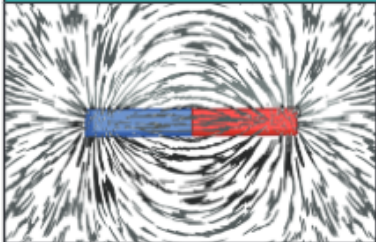

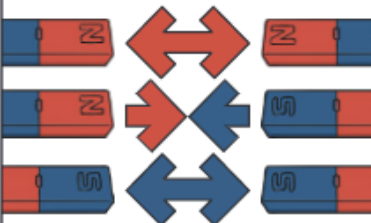




Year 3 Knowledge Organiser- Magnetism

Key Vocabulary	
magnet	An object which produces a magnetic force that pulls certain objects towards it.
magnetic	Objects which are attracted to a magnet are magnetic . Objects containing iron, nickel or cobalt metals are magnetic .
magnetic field	The area around a magnet where there is a magnetic force which will pull magnetic objects towards the magnet .
poles	North and south poles are found at different ends of a magnet .
repel	Repulsion is a force that pushes objects away. For example, when a north pole is placed near the north pole of another magnet , the two poles repel (push away from each other).
attract	Attraction is a force that pulls objects together. For example, when a north pole is placed near the south pole of another magnet , the two poles attract (pull together).

Key Knowledge		
	<p>Like poles repel. Opposite poles attract.</p>	
<p>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.</p>		<p>The needle in a compass is a magnet. A compass always points north-south on Earth.</p>

Magnetic ✓

<p>These objects contain iron, nickel or cobalt. Not all metals are magnetic.</p>

Non-magnetic ✗

<p>These objects do not contain iron, nickel or cobalt.</p>