
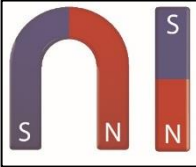

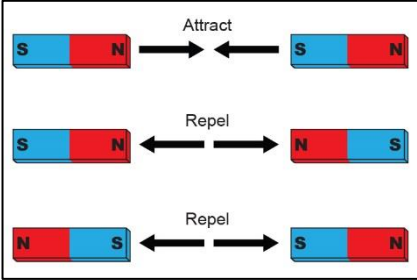


# Y3 Knowledge Organiser: Forces and Magnets

## Term 1

Vocabulary	Definition	Key Facts:
Force	A push away or pull towards. We can only see or feel the effects of a force, not the force itself.	 <p><b>Friction:</b> Friction between our shoes and the pavement helps us to walk without slipping and sliding.</p>
Friction	A force between two surfaces that are touching. This gives us grip so we don't slip over.	
Magnet	An object or material that attracts other materials to it.	 <p><b>Types of magnets:</b> Magnets can be different shapes and sizes e.g. horseshoe and bar magnets.</p>
Magnetic force	A push or a pull force from a magnet. The magnet does not have to touch the object.	
Magnetic poles	Each magnet has two poles (ends), one North and one South.	 <p>iron nail</p> <p><b>Magnetic Materials:</b> Materials that are attracted (stick) to a magnet. E.g. Iron, nickel and cobalt.</p>
Attract	A force where two magnets (or a magnet and a magnetic material) are pulled together.	
Repel	A force where two magnets are pushed apart (away from each other).	 <p><b>Magnetic forces:</b> Like poles repel (push away) e.g. South and South. Opposite poles attract (e.g. North and South).</p>
<b>Science Enquiry:</b>		
Prediction	Say what will happen in an experiment before it is done.	
Table of results	A neat way of recording and presenting data (what was found out).	