

Year 8 – Electromagnetism Glossary

Key term	Definition
core (electromagnet)	Iron metal which the solenoid is wrapped around.
electric bell	A device that uses an electromagnet to make sound using a 'make and break' circuit.
electromagnet	A non-permanent magnet turned on and by controlling the current through it.
loudspeaker	A device that uses an electromagnet to make sound from a varying potential difference. Turns an electric signal into a pressure wave of sound.
magnet	A material with a magnetic field around it in which a magnetic material experiences a force.
magnetic field	A region in which there is a force on a magnet or magnetic material.
magnetic field lines	Imaginary lines that show the direction of the force on a magnetic material.
magnetic force	Non-contact force from a magnet on a magnetic material.
magnetic poles	The ends of a magnetic field, called north-seeking and south-seeking poles.
magnetise	To make a material magnetic.
permanent magnet	An object that is magnetic all of the time.
solenoid	Wire wound into a tight coil, part of an electromagnet.