7 · Magnetism and electromagnetism

AQA · GCSE · Physics · Vocabulary in context

Word	Example
poles /pəʊlz/	A magnet has two **poles**: north and south.
permanent magnet /ˈpɜːmənənt ˈmægnɪt/	A fridge magnet is a **permanent magnet**.
induced magnet /ɪnˈdjuːst ˈmægnɪt/	An **induced magnet** is magnetic only near another magnet.
magnetic field /mægˈnetɪk fiːld/	A magnet has a **magnetic field** around it.
solenoid /ˈsəʊlənɔɪd/	A **solenoid** is a long coil of wire.
electromagnet /ɪˌlektrəʊˈmægnɪt/	An **electromagnet** picks up scrap iron.
magnetic flux density /mægˈnetɪk flʌks ˈdensɪti/	**Magnetic flux density** measures how strong a magnetic field is.
transformer /trænsˈfɔːmə/	A **transformer** changes the voltage.

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