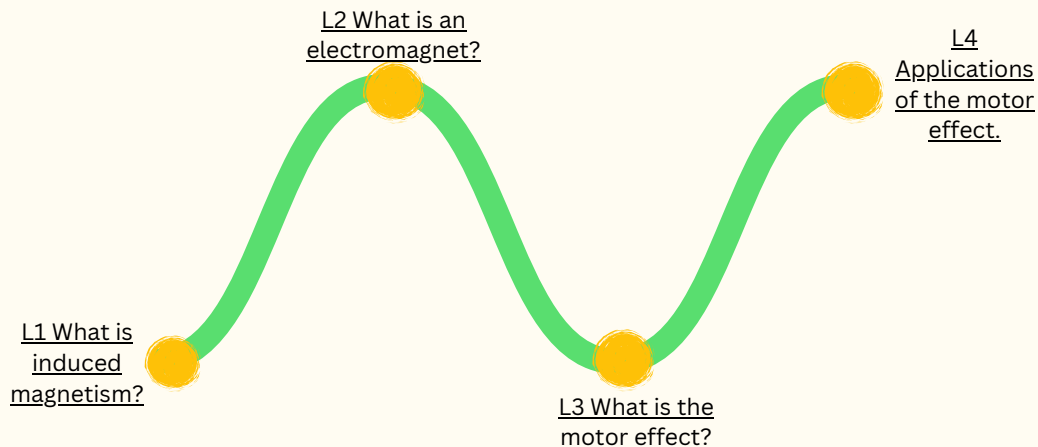


## Electromagnetism COMBINED

You will learn about magnetic fields around magnets and current-carrying wires. You will investigate how electromagnets are made and how their strength will be affected by different factors. You will study how the motor effect will be used to produce movement in electric motors. Finally, you will explore how electromagnets will be applied in everyday devices such as scrapyards cranes and circuit breakers.



## Key words

- split ring commutator
- electromagnet
- Flemings left-hand rule
- induced magnetism
- magnetic field
- magnetic field line
- magnetic flux density
- motor effect
- solenoid

## Revision Resources

[Sample exam style questions](#)

[Cognito Topic 7 Magnetism](#)

[BBC Magnetism and Electromagnetism](#)

[Free Science Lessons](#)

[Seneca Learning](#)