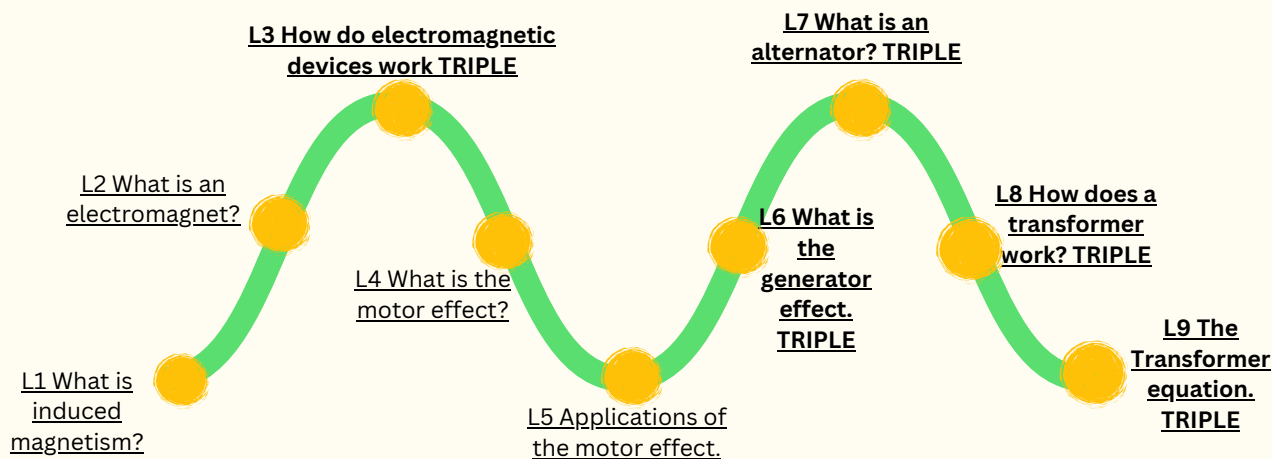


Electromagnetism TRIPLE

In this topic, you will study the properties of magnets and magnetic fields. You will investigate how electromagnets work and how their strength will be changed by altering current or coil properties. You will learn how the motor effect will be used in devices like electric motors and loudspeakers. Finally, you will explore how electromagnetic induction will allow generators and transformers to transfer and produce electricity.



Key words

- split ring commutator
- electromagnet
- Flemings left-hand rule
- induced magnetism
- magnetic field
- magnetic field line
- magnetic flux density
- motor effect
- solenoid
- step-down transformer
- step-up transformer
- alternator
- dynamo
- electromagnetic induction
- generator effect

Revision Resources

[Sample exam style questions](#)

[Cognito Topic 7 Magnetism](#)

[BBC Magnetism and Electromagnetism](#)

[Free Science Lessons](#)

[Seneca Learning](#)