

# Triple Science Physics revision videos for mocks

## **Magnetism:**

Magnets and field lines: <https://youtu.be/3elpPfyHV0E>

Permanent and induced magnets: <https://youtu.be/bOZ2Hk2hKLE>

Electromagnetism: [https://youtu.be/79\\_SF5AZtzo](https://youtu.be/79_SF5AZtzo)

Motor effect: <https://youtu.be/ltpPhpi-CC4>

Electric motors: <https://youtu.be/evWpDrRAyCc>

Generator effect: <https://youtu.be/pkzY7QfTowM>

Transformers: <https://youtu.be/7RtBUEZbKml>

Transformer calculations: <https://youtu.be/lxqUjM8cOcU>

## **Waves:**

Transverse and longitudinal: <https://youtu.be/aCu4VRKMstA>

Electromagnetic waves: <https://youtu.be/7v2gs8rdQzU>

Reflection: <https://youtu.be/WDBtOeXUdWQ>

Refraction: <https://youtu.be/UUc44Vg5pCl>

Radio waves: <https://youtu.be/Ldnh0XlMVc0>

Microwaves and infrared: <https://youtu.be/ow26-5UirSc>

Visible and UV: [https://youtu.be/q\\_CxKQC-zpg](https://youtu.be/q_CxKQC-zpg)

X-ray and gamma: <https://youtu.be/dBFGjdgbpno>

Lenses: <https://youtu.be/xpcX3B4xE7Q>

Ray diagrams: [https://youtu.be/JNp\\_-00-fxU](https://youtu.be/JNp_-00-fxU)

Colour: <https://youtu.be/KnIualWf6Rs>

Radiation and temperature: <https://youtu.be/je-qc7sxYzU>

Sound: <https://youtu.be/s9wZkP64rAc>

Ultrasound: <https://youtu.be/8ixr2NQF9Dg>

Seismic: [https://youtu.be/h4jvZ\\_zHKYY](https://youtu.be/h4jvZ_zHKYY)

## **Electricity:**

Intro to circuits: <https://youtu.be/R3hdaLpq2AA>

V=IR: <https://youtu.be/hRoifU77c38>

Charge: <https://youtu.be/TIHW5hEoaAw>

Series: <https://youtu.be/ZQurBlu35Fo>

Parallel: <https://youtu.be/iNFXtjt5mul>

Components: <https://youtu.be/AQawCNla5Fg>

National Grid: <https://youtu.be/VTAFjhO1HNo>

AC vs DC: [https://youtu.be/EY\\_EphcrpDI](https://youtu.be/EY_EphcrpDI)

Plugs and wires: [https://youtu.be/2g8SusMrX\\_o](https://youtu.be/2g8SusMrX_o)

Fuses and earth: <https://youtu.be/S8lB2kxT1n0>

Static electricity: [https://youtu.be/St\\_KzxJqUGA](https://youtu.be/St_KzxJqUGA)

Electric fields: [https://youtu.be/\\_v4ugAwV59U](https://youtu.be/_v4ugAwV59U)