

Year 11 Physics Preview Sheet

Exam Board: AQA Physics Year 11

Waves

- Transverse and Longitudinal
- Properties of Waves
- Reflection
- Refraction
- Sound Waves
- Applications of Waves
- Electromagnetic Radiation
- Properties of EM waves
- Lenses (Triple Only)
- Visible Light (Triple Only)
- Blackbody Radiation (Triple only)

Magnetism and Electromagnetism

- Poles of a Magnet
- Magnetic Fields
- The Motor Effect
- Fleming's Left Hand Rule
- Electric Motors
- Loudspeakers

- Induction, Transformers and the National Grid
 - The Generator Effect
- Microphones

Space Physics (Physics Only)

- Life Cycle of a Star
- The Solar System, stability and Orbits
- Orbital Motion, natural and artificial satellites
- Redshift
- Origin and Expansion of the Universe