

Year 12

Subject: Physics

Topics being examined

- Foundations of Physics (quantities, units, vectors, adding vectors etc)
- Motion
- Forces in action
- Materials
- Laws of motion and momentum
- Charge and current
- Energy, power and resistance
- Electrical circuits
- Waves 1 (wave properties, EM waves, polarisation, intensity)
- Waves 2 (superposition, interference)
- Quantum Physics

Additional information

Year 10

Subject: Physics

Topics being examined

- Conservation and dissipation of energy
- Energy transfer by heating
- Energy resources
- Electric circuits
- Electricity in the home
- Molecules and matter
- Radioactivity

Additional information

All of the topics being assessed are those that make up the first GCSE paper

