

Year 11 Physics revision for mock exams

Electricity

- Current, potential difference and resistance in series and parallel circuits
- Circuit components (LDR's, thermistors, diodes and I-V characteristics)
- Electricity in the home and power
- Distributing electricity - note this will not include generating electricity.
- Static electricity

Particle model of matter

- Measuring density
- Changes of state, latent heat and gas pressure

Atomic structure

- Developing the model of the atom
- Nuclear isotopes and equations
- Background radiation and half-life
- Uses and risks of radiation including fission and fusion

Please note this is a list of the topics that could come up. It is not to say they all will.

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