

Essential

Paper 2

REVISION

The key
topics!

At least some of these topics have a very good chance of coming up!

PHYSICS

- Newton's third law (T1L9)
- Momentum (T1L11)
- Change in momentum (T1L12)
- Moments (T1L13)
- Classifying stars (T2L2)
- Evidence for the Big Bang (T2L3)
- Static electricity (T3L1)
- Sound (T3L8)
- Renewable and non-renewable energy (T3L14 and T4L1)
- Changing state (T4L3)
- Temperature time graphs (T4L4 core practical)
- Specific heat capacity (T4L5)
- Electromagnetism (T4L6 RS2)
- Transformers (T4L10)

CHEMISTRY

- Solubility curves (T1L4)
- Properties of metals (T1L14)
- Calculating concentration and volume (T2L5) and T2L7)
- Electrolysis (T2L9 and L10)
- Alkali metal reactivity (T2L11 RS at the bottom)
- Noble gases and halogens (T3L1)
- Making salt practical (last one in core practical file T3L8)

- Titration (T3L10)
- Reaction profiles (T3L13 RS2)
- Bond energies (T4L2)
- Reversible reactions (T4L5 RS after red line)
- Alcohols (T4L11)
- Carboxylic acids (T4L12)
- Esters (T4L13)
- Condensation reactions (T4L15)

BIOLOGY

- Stem cells (T1L2)
- Kidneys (T1L10)
- Blood clots (T1L11)
- Memory cells and vaccination (T1L12)
- Energy in food (T2L4)
- Gas exchange in flowering plants (T3L3)
- Investigating the effects of environmental factors on transpiration rate (T3L5 RS pg 3)
- FSH and LH (T3L10)
- Transcription and translation (T3L11)
- Codominant inheritance (T3L12 RS2)
- Mutation types (T4L1)
- Belt transects and biodiversity (T4L3)
- Nitrogen cycle (T4L5)
- Deforestation (T4L8)
- Fish farming (T4L13)
- Cloning (T4L15)

HUMAN BIOLOGY

Sorry! There is no content difference between paper 1 and 2.