

Year 10 - Revision Topic list Paper 1 – AQA Science 2026

- **Biology Paper 1 will assess:**

- 1. Cell biology
- 2. Organisation
- 3. Infection and response
- 4. Bioenergetics



- **Biology Paper 2 will assess:**

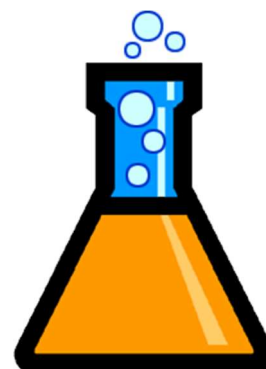
- 5. Homeostasis and response
- 6. Inheritance, variation and evolution
- 7. Ecology

- **Chemistry Paper 1 will assess:**

- 8. Atomic structure and the periodic table
- 9. Bonding, structure, and the properties of matter
- 10. Quantitative chemistry
- 11. Chemical changes
- 12. Energy changes

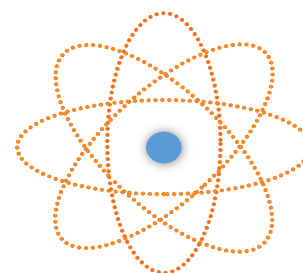
- **Chemistry Paper 2 will assess:**

- 13. The rate and extent of chemical change
- 14. Organic chemistry
- 15. Chemical analysis
- 16. Chemistry of the atmosphere
- 17. Using resources



- **Physics Paper 1 will assess:**

- 18. Energy
- 19. Electricity
- 20. Particle model of matter
- 21. Atomic structure



- **Physics Paper 2 will assess:**

- 22. Forces
- 23. Waves
- 24. Magnetism and electromagnetism
- 25. (Space) H ONLY

SCIENCE PAPER 1 REVISION TOPICS – SUMMER MOCKS

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| COMBINED SCIENCES BIOLOGY P1 | Higher and Foundation The human heart / the use of statins and pacemaker Cells and their functions and adaptations Communicable/Non communicable diseases Vaccines 6Mark Food Tests Enzymes and Digestion 6 Mark Osmosis RP RP Microscopy and calculations Viruses Leaf structure and transport of Glucose and water |
| SEPARATE SCIENCE BIOLOGY P1 | Communicable/Non communicable diseases The human heart / the use of statins and pacemaker Eukaryotic/Prokaryotic -Cells and their functions and adaptations Stem Cells Monoclonal Antibodies / Vaccines Food Tests Enzymes and Digestion Osmosis RP Diffusion and Active transport Photosynthesis RP and limiting factors Plant disease |
| COMBINED SCIENCES CHEMISTRY P1 | Higher and Foundation Structure of the atom / Isotopes /electronic configuration Ionic and covalent bonding /alloys /Allotropes Periodic table gaps, trends in group 1 and 7 and 0 Exothermic and Endothermic reactions Separation Techniques States of Matter Higher only (in addition to the above topics) Gold foil experiment Radiation and decay equations Polymers Calculating Bond energies |
| SEPARATE SCIENCE CHEMISTRY P1 | Higher and Foundation Structure of the atom / Isotopes /electronic configuration Ionic and covalent bonding /alloys /Allotropes Periodic table gaps, trends in group 1 and 7 and 0 Electrolysis and the reactivity series Calculating area to volume ratio Exothermic and Endothermic reactions Calculating Bond energies Gold foil experiment Polymers Nanotechnology Acids and Alkalis |
| COMBINED SCIENCES PHYSICS P1 | Higher and Foundation Renewable non-renewable energies Circuit Symbols Electricity / National grid and plugs Combustion of Fossil fuels Specific Heat Capacity RP Resistance in a Wire RP Resistance Calculation Ohmic Law and resistance Radiation and Decay equations Half life Power Calculations Density Calculations Energy Transfer GPE /KE and calculations |
| SEPARATE SCIENCE PHYSICS P1 | Renewable non-renewable energies Circuit Symbols Calculating density Specific Heat Capacity RP Calculating latent heat Voltage Current and resistance Fusion and Fission Atoms and isotopes Models in science Radiation and Decay equations Half life Acceleration RP Energy Calculations |

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