

TRIPLE SCIENCE

BIOLOGY

CHEMISTRY

PHYSICS

REVISION

Each section in the booklet needs at least 30 minutes' revision.

Make a plan.

Try and stick to the plan.

Each paper is 1 hour 45 minutes' long

BIOLOGY PAPER 1

TOPIC	Date of Revision	Done
Cell Biology		
Animal and Plant cells		
Microscopes		
Diffusion		
Osmosis		
Active transport		
Organisation		
Digestive System		
Enzymes		
Lungs		
Heart		
Infection and response		
Cancer		
Diseases		
Vaccination		
Monoclonal antibodies		
MRSA		
Bioenergetics		
Photosynthesis		
Plant diseases		
Transpiration		
Respiration		
Plant hormones/auxin		

CHEMISTRY PAPER 1

TOPIC	Date of Revision	Done
Atomic structure and the periodic table		
Atoms and Elements		
Isotopes		
Compound and Mixtures		
History of the Atom and Periodic Table		
Group 1, Group 7, Group 0, Metals and non-metals		
Bonding, structure, and the properties of matter		
Ionic Bonding		
Covalent Bonding		
Allotropes of Carbon		
Metallic Bonding		
States of Matter		
Nanoparticles		
Quantitative chemistry		
Relative Formula Mass		
Conservation of Mass		
Mole Equations		
Concentration of Mass		
Chemical changes		
Strong and Weak Acids		
Alkalis and Bases		
Reaction of Acids and Metals		
Redox Reactions		
Electrolysis of ores		
Electrolysis of aqueous solutions		
Energy changes		
Exothermic Reactions		
Endothermic Reactions		
Energy graphs		
Bond energy calculations		
Fuel Cells and Batteries		

PHYSICS PAPER 1

TOPIC	Date of Revision	Done
Energy		
Potential and Kinetic energy		
Work done and energy transfers		
Understanding Power		
Specific Heat Capacity		
Dissipation and energy efficiency		
Energy resources and global energy		
Electricity		
Static electricity, electric fields and electric current		
Circuit components		
Series and Parallel circuits		
Electricity at home and transmitting electricity		
Calculating Power and energy transfers		
Particle model of matter		
Solids, liquids, gas and density		
Changes of state and particle motion		
Internal energy and latent heat		
Gas pressure		
Atomic structure		
Atomic Structure		
Radioactive decay and background radiation		
Nuclear equations		
Half-life		
Hazards and uses of radiation		
Nuclear fission and fusion		