

AQA Biology: B1 Cell structure and transport

Overview of Module	Topics Covered
Cell structure: animal and plant cells	
Microscopy	
RP1: Use a light microscope to observe, draw and label plant and animal cells	
Eukaryotes and Prokaryotes	
Cell specialisms and cell differentiation	
Cell division: chromosomes	
Mitosis and the cell cycle	
Stem cells	
Transport in cells: Diffusion	
Transport in cells: Osmosis	
RP2: Investigate the effect of solute concentration on mass of plant tissue	
Transport in cells: Active transport	

AQA Chemistry: C1 Atomic structure and the periodic table

Overview of Module	Topics Covered
Overview of the Periodic Table	
Atoms, elements and compounds	
Mixtures: separation techniques	
The development of the model of the atom (also covered in physics P4)	
Relative electrical charges of subatomic particles	
Size and mass of atoms	
Relative atomic mass (revisit in C3) / isotopes	
Electronic structure	
The Periodic Table / Development of the periodic table	
Metals and non-metals	
Group 0	
Group 1	
Group 7	

AQA Physics: P1 Energy transfers

Overview of Module	Topics Covered
Energy stores and systems	
Changes in energy	
Energy changes in systems	
RP: Investigation to determine the specific heat capacity of materials	
Power	
Energy transfers in a system	
Efficiency	
National and global energy resources	