

Biology - Foundation

[Newest Revision Pack Version Found Here](#)

Topic in exam paper	Revision pack topic/Link to Bitesize
Glands	Bitesize link
Diabetes	Diabetes
BMI and waist to hip ratio	Diabetes
Structure of a plant cell	CORE: Cells & Microscopes
Structure of the leaf including stomata	Photosynthesis
Products of photosynthesis	Photosynthesis
Translocation	Translocation
Investigating the effect of light intensity on the rate of photosynthesis	Photosynthesis
Parasites and mutualists	Parasitism & Mutualism
Food chains	Ecosystems
Sampling techniques/quadrats	Ecosystems
Introduction of non-indigenous species	Ecosystems
Analysing data in graphs	
Calculation of probabilities, percentage difference and mean	Google quiz feedback activity following last mock series (on google classroom)
Electron vs light microscopes	CORE: Cells & Microscopes

Chemistry - Foundation

Topic in exam paper	Topic in revision pack
Alkali metals - properties	Group 1 –The Alkali Metals
Halogens - properties and reactions	Group 7 –The Halogens
Reactions of halide salts	Group 7 –The Halogens
Noble gases	Group 0 –The NobleGases
Effects of surface area and temperature on rate of reaction	Rates of Reaction
Designing an experiment to determine the effect of concentration on rate of reaction	Rates of Reaction
How to investigate temperature changes in reactions	Bitesize link
Reaction profiles	Bitesize link
Covalent bonding and explaining properties of covalent substances	Covalent Bonding
Molecular vs ionic substances	Molecular Compounds and Ionic Bonding
Calculating empirical formula	Empirical Formula
Atomic structure	Atomic Structure
Interpreting data in a graph	
Balancing equations	Balancing Equations (Core Skills)
Calculating rates of reaction	Rates of Reaction

Physics - Foundation

Topic in exam paper	Topic in revision pack
Wiring a plug	Electrical Safety
Assembling components in a circuit	Electric Circuits
Calculating charge and electrical power	Electrical Power
Using Ohm's Law	Electric Circuits
Resistance and resistors	Resistance
Energy transferred in a circuit	Electric Circuits
Properties of magnets/magnetic objects	Magnetism
Magnetic fields	Magnetism
How to investigate the strength of a magnetic field	Magnetism
Calculation of work done and power	Work & Power
Calculation GPE and KE when given a formula	Energy Stores & Transfers
Effects of forces	Work & Power
Energy transfers in moving objects	Energy Stores & Transfers
Using equations	Core Skills
Plotting graphs/curves	