

Topic in exam paper	Revision pack topic/Link to Bitesize
Control of blood glucose	Blood-Glucose Regulation
BMI	Diabetes
Thyroid and metabolic rate	Controlling Metabolic Rate
Hormones and the menstrual cycle	Menstrual Cycle
Kidney dialysis	The Kidney
Function of nephron	The Kidney
Structure of the leaf including stomata	Photosynthesis
Products of photosynthesis	Photosynthesis
Translocation	Translocation
Transport of mineral ions	CORE: Transport
Use of plant hormones as weedkillers	Plant Growth Hormones
Phototropism	Plant Growth Hormones
Introduction of non-indigenous species	Ecosystems
Use of belt transects in sampling	Ecosystems
Indicator species	Bitesize link
Eutrophication	Bitesize link
Food security	Bitesize link
Food chains/pyramids	Trophic Levels
Calculation of percentage difference, mean and reaction rate	
Enzymes used to digest starch and protein	CORE: Enzymes
Investigating the optimum pH of an enzyme	CORE: Enzymes
Test for protein	Food Tests & Calorimetry
Structure of a plant cell	CORE: Cells & Microscopes

Chemistry

Topic in exam paper	Topic in revision pack
Alkali metals - properties/reactions/explaining reactivity	Group 1 –The Alkali Metals
Halogens/halides- properties/reactions/explaining reactivity	Group 7 –The Halogens
Noble gases	Group 0 –The NobleGases
Test for chlorine	Bitesize link
Reactions between groups 1 and 7	Group 1 –The Alkali Metals and Group 7 –The Halogens
Effects of surface area and temperature on rate of reaction	Rates of Reaction
Explaining rate of reaction using the Collision Theory	Rates of Reaction
Reactions between sodium thiosulphate and hydrochloric acid	Rates of Reaction
Bond energy calculations	Bitesize link
Explaining exo/endothermic reactions	Bitesize link
Ion formation	Ionic Bonding
Molecular substances	Molecular Compounds
Calculating concentrations	Bitesize link . Concentration of Solutions
Atomic structure	Atomic Structure
Equations: writing; balancing; ionic; half	Balancing Equations (Core Skills)
Calculation of: RAM; reacting masses; empirical formula; % by mass	Empirical Formula; Atomic Mass & Isotopes
Calculating rates of reaction	Rates of Reaction

Physics

Topic in exam paper	Topic in revision pack
Assembling components in a circuit	Electric Circuits
Calculating electrical power	Electrical Power
Fuses	Electrical Safety
Resistance (inc in a filament lamp) and adding multiple resistors in a circuit	Resistance
Energy transferred in a circuit	Electric Circuits
Current in a circuit	Electric Circuits
Ohm's Law	Electric Circuits
Explaining cause and effects of static charge	Static Electricity
Magnetic fields	Magnetism
Magnetic flux density and Fleming's left hand rule	Magnetic Forces
Calculation of work done and power	Work & Power
Calculation GPE and KE	Energy Stores & Transfers
Effects of forces/pairs of forces	Work & Power
Forces acting on moving objects	Forces & Their Effects +
Rotational forces	Moments +
Vector diagrams	Forces & Their Effects +
Dangers of radiation	Dangers of Radioactivity
Food irradiation	Bitesize link
Alpha, beta and gamma emissions	Types of Radiation and Radioactive Decay