

YEAR 10 TRILOGY CLASSES					
	CHRISTMAS HOLIDAY	CHRISTMAS HOLIDAY	CHRISTMAS HOLIDAY	CHRISTMAS HOLIDAY	CHRISTMAS HOLIDAY
Spring 1	Monday inset	P5.1 Alternating current	C3.9 Bonding in metals	P5.2 Plugs and cables	C6.1 Introduction to electrolysis
	C3.10 Giant metallic structures	P5.3 Electrical power and potential difference	C4.1 Relative masses and moles	P5.4 Electrical currents and energy transfer	C6.2 Changes at the electrodes
	C4.2 Equations and calculations	P5.5 Appliances and efficiency	C4.3 From masses to balanced equations	P6.1 Density	C6.3 The extraction of aluminium
	C4.6 Expressing concentrations	Required practical: Density	ASSESSMENT	ASSESSMENT	C6.4 Electrolysis of aqueous solutions
	ANALYSIS OF ASSESSMENT/FILLING GAPS	ANALYSIS OF ASSESSMENT/FILLING GAPS	C5.1 The reactivity series	P6.2 States of matter	REQUIRED PRACTICAL: electrolysis
	C5.2 Displacement reactions	P6.3 Changes of state	C5.3 Extracting metals	P6.4 Internal energy	C7.1 Exothermic and endothermic reactions
	HALF TERM	HALF TERM	HALF TERM	HALF TERM	HALF TERM
Spring 2	C5.5 Salts from insoluble bases	P6.5 Specific latent heat	Required practical: salts	P6.6 Gas pressure and temperature	C7.2 Using energy transfers from reactions
	C5.6 Making more salts	P7.1 Atoms and radiation	C5.7 Neutralisation and the pH scale	P7.2 The discovery of the nucleus	C7.3 Reaction profiles
	C5.8 Strong and weak acids	P7.3 Changes in the nucleus	EXAM SKILLS	P7.4 More about radiation	C7.4 Bond energy calculations
	EXAM SKILLS	EXAM SKILLS	EXAM SKILLS	EXAM SKILLS	EXAM SKILLS
	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT
	EASTER HOLIDAY	EASTER HOLIDAY	EASTER HOLIDAY	EASTER HOLIDAY	EASTER HOLIDAY
Summer 1	Easter Monday	B1.1 The world of the microscope	B3.1 Tissues and organs	Required practical: using microscopes	B3.2 The digestive system
	B3.3 The chemistry of food	B1.2 Animal and plant cells	Required practical: food tests	B1.3 Eukaryotic and prokaryotic cells	B3.4/B3.5 Enzymes and factors affecting action
	May bank holiday	B1.4/B1.5 Specialisation	Required practical: enzymes	B1.6 Diffusion	B3.6/B3.7 How the digestive system works
	B4.1/B4.2 The blood and vessels	B1.7/B1.8 Osmosis	B4.3 The heart	Required practical: Osmosis	Look at results from Osmosis practical
	B4.4 Helping the heart	B1.9/B1.10 Active transport and exchanging materials	B4.5 Breathing and gas exchange	B2.1 Cell division	B4.6 Organs and tissues in plants
	REVISION	REVISION	REVISION	REVISION	REVISION
	HALF TERM	HALF TERM	HALF TERM	HALF TERM	HALF TERM
	PPE WEEK	PPE WEEK	PPE WEEK	PPE WEEK	PPE WEEK
Summer 2	MOCK ANALYSIS	MOCK ANALYSIS	MOCK ANALYSIS	MOCK ANALYSIS	MOCK ANALYSIS
	B4.6 Transpost systems in plants	B2.2 Growth and differentiation	B4.8 Evaporation and transpiration	B2.3/B2.4 Stem cells and dilemmas	B4.9 Factors affecting transpiration
	B5.1/B5.2 Health, pathogens and disease	B8.1 photosynthesis	B5.5 Preventing infections	B8.2 The rate of photosynthesis	B5.6/B5.7/B5.8 Viral, bacterial, fungo and protists diseases
	B5.9 Human defences	Required practical: Photosynthesis	B6.1 Vaccinations	B8.3/B8.4 How plants make glucose/use glucose	B6.2 Antibiotics and painkillers
	B6.3 Discovering drugs	B8.4 Making the most of photosynthesis	B6.4 Developing drugs	B9.1/B9.2 Aerobic respiration/exercise	B7.1 Non-communicable diseases
	B7.2 Cancer	B9.3 Anaerobic respiration	B7.3/B7.5 Smoking and alcohol	B9.4 Metabolism and the liver	B7.4 Diet, exercise and disease
	SUMMER HOLIDAY	SUMMER HOLIDAY	SUMMER HOLIDAY	SUMMER HOLIDAY	SUMMER HOLIDAY