

			Yr10 Combined Schedule (26-27)				Yr11 Combined Schedule (27-28)				
Date	Week	School Week	Bio /3	Chem /3	Phys /3		Bio /3	Chem /3	Phys /3		
7-Sep	2	1	1. Aerobic Respiration 2. Anaerobic respiration 3. Exercise	1. States of matter 2. Metal Atoms into ions 3.	Changes in energy stores & Conservation of Energy GPE Stores KE Stores		1. The endocrine system 2. Control of blood glucose 3. Treating diabetes	7. Energy and reversible reactions 8. Dynamic equilibrium 9. Altering conditions	9.1 Speed and distance-time graphs 9.2 Velocity-time graphs 10.2 Terminal velocity		
14-Sep	3	2									
21-Sep	4	1	4. Anaerobic respiration in other organisms 5. Metabolism Bioenergetics (B8 and B9) Assessment	3. Ionic bonding 4. Giant ionic structures 5. Covalent bonding	Elastic energy stores Work done Power		4. The role of negative feedback & K.C. 5. Hormones and reproduction 6. The menstrual cycle	C8 Assessment 1. Hydrocarbons 2. Fractional distillation of oil	Graphs of motion exam practice 10.4 Momentum 10.5 Using conservation of momentum		
28-Sep	5	2									
5-Oct	6	1	Revision Bioenergetics assessment Feedback	5. Covalent bonding 6. Structure of simple molecules	Efficiency Assessment 4.7 & 4.3 States of matter &		7. Contraception 8. Infertility treatments Homeostasis (B10 and B11)	3. Burning hydrocarbon fuels 4. Cracking hydrocarbons 1. Pure substances part	10.3 Stopping distances Assessment 12.1 Tunes and properties of		
12-Oct	7	2									
19-Oct	8	1	1. Organisation and the digestive system 2. The chemistry of food	8. Fullerenes and graphene 9. Bonding in metals 10. Giant metallic structures	6.4 Internal energy & Latent heat SHC		1. Types of reproduction 2. Cell division in sexual reproduction	2. Analysing chromatograms - Required Practical 3. Testing for anions	12.2 The wave speed equation 12.3 Reflection and refraction 12.4 Wave speed - Required		
HALF TERM											
2-Nov	9	2									
9-Nov	10	1	4. Enzymes in digestion & K.C. 5. Factors affecting enzyme action	C3 Assessment 1. Relative masses and moles	2.4 SHC - Required Practical Write up 4.1 Density		4. Inheritance in action 5. More about genetics 6. Inherited disorders	1. History of our atmosphere 2. Our evolving atmosphere 3. Greenhouse gases	12.4 Wave speed - Required Practical Write up 13.1 The electromagnetic		
16-Nov	11	2									
23-Nov	12	1	7. pH on amylase - Required Practical 8. How the digestive system	2. Equations and calculations 3. From masses to balanced	Thermal energy transfer and insulation 4.6 Gas pressure and		7. Screening for genetic disorders 1. Variation	4. Global Climate Change 5. Atmospheric pollutants C13 Assessment	13.3/4/5 Uses & Hazards of EM waves Waves Assessment		
30-Nov	13	2									
7-Dec	14	1	1. The blood 2. The blood vessels 3. The heart	6. Expressing concentrations C4 Assessment 1. The reactivity series	7.1 Atomic structure & Isotopes 7.2 Radioactive decay 7.3 Nuclear radiation		Trial Examinations				
14-Dec	15	2									
CHRISTMAS HOLIDAY											
4-Jan	16	1	4. Heart dissection 5. Cardiovascular diseases 6. Gas exchange in the lungs &	2. Displacement reactions 3. Ionic Equations 4. Extracting metals	7.4 Nuclear decay equations 7.5 Activity and half-life Dice game		3. Selective Breeding & K.C. 4. Genetic engineering 5. Ethics	1. Finite and renewable resources 2. Water safe to drink	15.2 Electromagnets 15.4 The motor effect E = BIL and exam questions		
11-Jan	17	2									
18-Jan	18	1	7. Plant cells, tissues and organs 8. Plant transport systems	5. Salts from metals 6. Half equations 7. Salts from insoluble bases	7.7 Uses of Radiation & Safety 7.8 History of the atom Assessment		1. Evolution and fossils 2. Extinction 3. Antibiotic-resistant bacteria	4. Distillation - Required Practical 5. Extracting metals from ores	Electromagnetism Assessment		
25-Jan	19	2									
1-Feb	20	1	10. Transpiration 11. Factors affecting transpiration	8. Required Practical - Making Salts 9. Making more salts	4.2 Current and charge Q= I x t Voltage & Resistance, V = I x R 4.3 Length of Wire - Required		4. Classification Inheritance (B13, B14 and B15) Assessment	7. Reduce, reuse, recycle C14 Assessment			
8-Feb	21	2									
HALF TERM											
22-Feb	22	1	1. Health & Disease 2. Communicable diseases 3. Prevention infection	11. Strong and weak acids C5 Assessment 1. Electrolysis of molten	4.3 Length of Wire - Required Practical Write up 4.4 I-V graphs: Symbols &		2. Competition and Adaptations 3. Extremophiles & K.C.				
1-Mar	23	2									
8-Mar	24	1	4. Infectious Diseases part 1 5. Infectious Diseases part 2 6. Human defence responses	2. Half equations 3. Electrolysis of aqueous solutions	4.6 Parallel circuits Electricity calculations 5.1 Alternating current		5. Distribution and abundance Required Practical Part 1 6. Distribution and abundance				
15-Mar	25	2									
22-Mar	26	1	7. Human defence responses Part 2 1. Vaccination	5. The extraction of aluminium C6 Assessment 1. Exothermic & endothermic	5.2 Cables and plugs Energy transfer E = V x Q, and Electrical Power P = IV		2. Cycles 1. Biodiversity and land use 2. Water pollution				
EASTER HOLIDAY											
12-Apr	27	2									
19-Apr	28	1	3. Antibiotics and painkillers other drugs & K.C. 4. Dehydration during	2. Required Practical - Temperature Changes 3. Reaction profiles	Assessment 8.1 Vectors and scalars 8.2 Forces & Newton's 3rd Law		3. Air pollution 4. Global warming and maintaining biodiversity & K.C.				
26-Apr	29	2									
3-May	30	1	2. Cancer part 1 3. Cancer part 2 & K.C. 4. Smoking	C7 Assessment 1. Rate of reaction 2. Collision theory and	8.3 Resultant Forces & Newton's 1st law 8.8 Parallelograms of vectors						
10-May	31	2									
17-May	32	1	5. Alcohol and other carcinogens 6. Diet, exercise and disease	3. The effect of temperature 4. Effect of concentration & pressure	10.2 Weight & 8.6 Centre of mass 10.1 Force and acceleration		GCSE EXAMINATIONS (from 10th May)				
24-May	33	2									
HALF TERM											
7-Jun	34	1	Revision	Revision	Revision						
14-Jun	35	2									
21-Jun	36	1				Trial Examinations					
28-Jun	37	2	1. Homeostasis 2. The nervous system 3. Conscious responses	Required Practical - Rates of reaction 5. The effect of catalysts	10.8 Forces and elasticity - Required Practical 10.8 Write up & Hooke's Law						
5-Jul	38	1									
12-Jul	39	2	4. Reaction times - Required Practical 5. Synapses & K.C.								
19-Jul	40	1									