

Yr11 Combined Schedule (26-27)

Date	Week	School Week	Bio /4	Chem /3	Phys /3
7-Sep	2	1	1.Principles of hormonal control 2.Control of blood glucose	1. Rate of reaction 2. Collision theory and surface area 3. The effect of temperature	8.1 Vectors and scalars 8.2 Forces & Newton's 3rd Law 8.3 Resultant Forces & Newton's 1st law
14-Sep	3	2	3.Treating diabetes 4.The role of negative feedback		
21-Sep	4	1	5.Human reproduction & 6.Hormones and the menstrual cycle 7.Artificial control of fertility	4. Effect of concentration & pressure Required Practical - Rates of reaction Required Practical - Rates of reaction	8.8 Parallelograms of vectors 8.9 Resolution of forces 10.2 Weight & 8.6 Centre of mass
28-Sep	5	2	7.Artificial control of fertility 8.Infertility treatments		
5-Oct	6	1	8.10 & 11 Assessment & Feedback	5. The effect of catalysts 6. Reversible reactions 7. Energy and reversible reactions	10.1 Force and acceleration - Required Practical 10.1 Newton's 2nd Law, $F=ma$ 10.8 Forces and elasticity - Required Practical
12-Oct	7	2	1. Types of reproduction 2. Cell division in sexual reproduction		
19-Oct	8	1	4. DNA and the genome 7.Inheritance in action	8. Dynamic equilibrium 9. Altering conditions CB Assessment	10.8 Write up & Hooke's Law Assessment 9.1 Speed and distance-time graphs
HALF TERM					
2-Nov	9	2	8. More about genetics 9. Inherited disorders		
9-Nov	10	1	10. Screening for genetic disorders 1. Variation	1. Hydrocarbons 2. Fractional distillation of oil 3. Burning hydrocarbon fuels	9.2 Velocity-time graphs 10.2 Terminal velocity Graphs of motion exam practice
16-Nov	11	2	2. Evolution by natural selection 3. Selective Breeding		
23-Nov	12	1	4. Genetic engineering 7. Ethics	4. Cracking hydrocarbons C9 Assessment 1. Pure substances and mixtures	10.4 Momentum 10.3 Stopping distances Assessment
30-Nov	13	2	8.13 & 14 Assessment & Feedback		
7-Dec	14	1	Trial Exams	Trial Exams	Trial Exams
14-Dec	15	2	Trial Exams	Trial Exams	Trial Exams
CHRISTMAS HOLIDAY					
4-Jan	16	1	5. Evidence for evolution 6. Fossils 7. Extinction	2. Analysing chromatograms - Required Practical 3. Testing for gases C12 Assessment	12.1 Types and properties of waves 12.2 The wave speed equation 12.3 Reflection and refraction
11-Jan	17	2	8. Antibiotic resistant bacteria 9. Classification 10. New systems of classification		
18-Jan	18	1	1. The importance of communities 2. Organisms in their environment 3. Distribution and abundance - Required Practical Part 1	1. History of our atmosphere 2. Our evolving atmosphere 3. Greenhouse gases	12.4 Wave speed - Required Practical 12.4 Wave speed - Required Practical Write up 13.1 The electromagnetic spectrum
25-Jan	19	2	3. Distribution and abundance - Required Practical Part 2 4.Competition in animals 5.Competition in plants		
1-Feb	20	1	6.Adapt and survive 7.Adaptations in animals 8.Adaptations in plants	4. Global Climate Change 5. Atmospheric pollutants C13 Assessment	13.2 InfraRed - Required Practical & write up 13.3/4/5 Uses & Hazards of EM waves Assessment
8-Feb	21	2	1. Feeding relationships 2. Materials cycling 3. The Carbon cycle		
HALF TERM					
22-Feb	22	1	1. Human impacts on the environment (18.1 - 18.5) Part 1 1. Human impacts on the environment (18.1 - 18.5) Part 2	1. Finite and renewable resources 2. Water safe to drink 3. Treating Waste Water	15.1 Magnetic fields 15.2 Electromagnets 15.4 The motor effect
1-Mar	23	2	7. Maintaining biodiversity 8.15, 16, 17, 18 Assessment		$F = BIL$ and exam questions Assessment
8-Mar	24	1		4. Distillation - Required Practical 5. Extracting metals from ores 6. Life cycle assessments	
15-Mar	25	2			
22-Mar	26	1		7.Reduce, reuse, recycle C14 Assessment	
EASTER HOLIDAY					
12-Apr	27	2			
19-Apr	28	1			
26-Apr	29	2			
3-May	30	1			
10-May	31	2			
17-May	32	1			
24-May	33	2			
HALF TERM					
7-Jun	34	1			
14-Jun	35	2			
21-Jun	36	1			
28-Jun	37	2			
5-Jul	38	1			
12-Jul	39	2			
19-Jul	40	1			