

Year: 12

Subject: A level Biology

Half Term 1 31 st August – 23 rd October) 8 weeks	Wk1	Wk2	Wk3	Wk4 ICA	Wk5	Wk6	Wk7	Wk8	October Half Term Holiday	
	3.2 Cells									
	3.1 Biological Molecules									
Half Term 2 (2 nd November – 18 th December) 7 weeks	Wk9 EXAM	Wk10 EXAM	Wk11	Wk12	Wk13	Wk14	Wk15	Christmas Holiday		
	3.2 Cells					3.3 Mass Transport				
	3.1 Biological Molecules		3.4 Genetic Variation and Diversity							
Half Term 3 (4 th January – 12 th February) 6 weeks	Wk16 EXAM	Wk17 EXAM	Wk18 AW	Wk19	Wk20 DP1	Wk21	February Half Term Holiday		KEY AW – Assessment Window DP – Data Point PE – Parents Evening iIL – Investment in learning data drop Trial – Trial Period WE – Work Ex IDC – Internal Data Collection EXAM – Exam Period	
	3.3 Mass Transport									
	3.4 Genetic Variation and Diversity									
Half Term 4 (22 nd February – 26 th March) 5 weeks	Wk22	Wk23 PE	Wk24	Wk25	Wk26 TRIAL	Easter Holiday				
	3.3 Mass Transport				Trial Exam					
	Math Skills and Stats									
Half Term 5 (12 th April – 28 th May) 7 weeks	Wk27	Wk28 DP2	Wk29	Wk30 EXAM	Wk31 EXAM	Wk32 EXAM	Wk33 EXAM	May Half Term		
	3.5 Photosynthesis									
	Exam Feedback and Exam Skills/ Required Practical Catch up									
Half Term 6 (7 th June – 16 th July) 6 weeks	Wk34 WE	Wk35 WE	Wk36	Wk37	Wk38 ICA	Wk39	Summer Holiday			
	Work Experience		3.5 Photosynthesis							
			Exam Feedback and Exam Skills/ Required Practical Catch up							

Year: 13

Subject: A level Biology

Half Term 1 31 st August – 23 rd October) 8 weeks	Wk1	Wk2	Wk3	Wk4	Wk5	Wk6 TRIAL	Wk7 TRIAL	Wk8	October Half Term Holiday	
	3.7.4 Populations in Ecosystems				CRANEDALE	3.5	Trial [Paper 1]			3.5
	3.6 Stimuli and Responses					3.6				3.6
Half Term 2 (2 nd November – 18 th December) 7 weeks	Wk9	Wk10 DP1	Wk11	Wk12	Wk13 PE	Wk14	Wk15	Christmas Holiday		
	3.5 Energy Transfers, Ecosystems and Nutrient Cycles			3.7.1 Inheritance						
	3.6 Stimuli and Responses									
Half Term 3 (4 th January – 12 th February) 6 weeks	Wk16 EXAM	Wk17 EXAM	Wk18	Wk19	Wk20	Wk21 TRIAL	February Half Term Holiday			
	3.7.2-3 Population Genetics and Evolution					Trial [paper 2 and paper 3]				
	3.8 Control of Gene Expression									
Half Term 4 (22 nd February – 26 th March) 5 weeks	Wk22 TRIAL	Wk23	Wk24	Wk25 DP2	Wk26	Easter Holiday			KEY ICA – Internal Class Assessment DP – Data Point PE – Parents Evening liL – Investment in learning data drop Trial – Trial Period WE – Work Ex	
	Trial [paper 2 and paper 3]	3.8 DNA Technology								
		3.8 Control of Gene Expression								
Half Term 5 (12 th April – 28 th May) 7 weeks	Wk27	Wk28	Wk29	Wk30 EXAMS	Wk31 EXAMS	Wk32 EXAMS	Wk33 EXAMS	May Half Term		
	Examination and Essay Preparation									
	Examination and Essay Preparation									
Half Term 6 (7 th June – 16 th July) 6 weeks	Wk34 EXAMS	Wk35 EXAMS	Wk36	Wk37	Wk38	Wk39	Summer Holiday			

Year: 12 **Subject: A level Chemistry**

Year: 12 **Subject: A level Chemistry**

Half Term 1 31 st August – 23 rd October) 8 weeks	Wk1	Wk2	Wk3	Wk4 ICA	Wk5	Wk6	Wk7	Wk8	October Half Term Holiday
	1.1 Atomic Structure			1.2 Amount of Substance (RP 1a+1b, AP 1,2,3)					
	1.3 Bonding				3.1 Introduction to Organic Chemistry				
Half Term 2 (2 nd November – 18 th December) 7 weeks	Wk9	Wk10	Wk11	Wk12	Wk13	Wk14	Wk15	Christmas Holiday	
	1.2 Amount of Substance		1.4 Energetics (RP 2, AP 4)				1.5 Kinetics		
	3.2 Alkanes (AP 7)					3.2 Halogenoalkanes			
Half Term 3 (4 th January – 12 th February) 6 weeks	Wk16	Wk17	Wk18 AW	Wk19	Wk20 DP1	Wk21	February Half Term Holiday		KEY AW – Assessment Window DP – Data Point PE – Parents Evening iil – Investment in learning data drop Trial – Trial Period WE – Work Ex IDC – Internal Data Collection EXAM – Exam Period RP – Required practical
	1.5 Kinetics (RP 3, AP 5)			1.6 Equilibrium (AP 6)					
	Haloalkanes	3.3 Alkenes		3.3 Alcohols (RP 5, AP 8)					
Half Term 4 (22 nd February – 26 th March) 5 weeks	Wk22	Wk23 PE	Wk24	Wk25	Wk26 TRIAL	Easter Holiday			
	1.7 REDOX		2.2 Periodicity		Trial Exam AS Full papers				
	3.4 Organic Analysis (RP 6)			Gp2/7 for trial					
Half Term 5 (12 th April – 28 th May) 7 weeks	Wk27	Wk28 DP2	Wk29	Wk30	Wk31	Wk32	Wk33	May Half Term	
	Exam Feedback and Exam Skills/ Required Practical Catch up				Year 13 topic Thermodynamics (AP10)				
	2.1 Gp2 + Gp7 all the extras (RP 4)				Year 13 topic – Further Organic Chemistry				
Half Term 6 (7 th June – 16 th July) 6 weeks	Wk34 WE	Wk35 WE	Wk36	Wk37	Wk38 ICA	Wk39	Summer Holiday		
	Work Experience		Year 13 topic Thermodynamics		AS Full papers for improvement	Exam Feedback			
			Year 13 topic – Further Organic						

Year: 13

Subject: A level Chemistry

Half Term 1 31 st August – 23 rd October) 8 weeks	Wk1	Wk2	Wk3	Wk4	Wk5	Wk6 TRIAL	Wk7 TRIAL	Wk8	October Half Term Holiday	
	1.8 Thermodynamics - complete from last year (AP 10)					Trial Full AS Papers		1.9 Rate of Reaction		
	3.7 Optical Isomerism			3.8 Aldehydes and Ketones				3.8 cont.		
Half Term 2 (2 nd November – 18 th December) 7 weeks	Wk9	Wk10 DP1	Wk11	Wk12	Wk13 PE	Wk14	Wk15	Christmas Holiday		
	1.9 Rate of Reaction (RP 7a+b, AP11)			1.10 Kp		1.11 Electrochemistry (RP 8)				
	3.9 Carboxylic Acid and Derivatives (RP 10a+b, AP 14, 15)				3.10 Aromatic Chemistry		3.11 Amines			
Half Term 3 (4 th January – 12 th February) 6 weeks	Wk16	Wk17	Wk18	Wk19	Wk20	Wk21 TRIAL	February Half Term Holiday			
	1.12 Acids and Bases (RP 9, AP 12, 13)			2.4 Period 3		Trial A2 Paper 1				
	3.11 Amines	3.12 Polymers			3.13 DNA					
Half Term 4 (22 nd February – 26 th March) 5 weeks	Wk22 TRIAL	Wk23	Wk24	Wk25 DP2	Wk26	Easter Holiday			KEY ICA – Internal Class Assessment DP – Data Point PE – Parents Evening iIL – Investment in learning data drop Trial – Trial Period WE – Work Ex RP – Required practical	
	Trial Paper 2 Paper 3 (in class)	2.5 Transition Metals and Aq ions (RP 11, AP 16, 17)								
		3.13 DNA	3.14 Organic Synthesis (RP 12)							
Half Term 5 (12 th April – 28 th May) 7 weeks	Wk27	Wk28	Wk29	Wk30	Wk31	Wk32	Wk33	May Half Term		
	Content Consolidation			15 th May RP results deadline	Content Consolidation		Friday 28 th May am Paper 1			
	Content consolidation				Content consolidation					
Half Term 6 (7 th June – 16 th July) 6 weeks	Wk34	Wk35	Wk36	Wk37	Wk38	Wk39	Summer Holiday			
	Thursday 10 th June am Paper 2	Thursday 17 th June am Paper 3								

Year: 12 **Subject: A level Environmental Science**

Year: 12 **Subject: A level Environmental Science**

Half Term 1 31 st August – 23 rd October) 8 weeks	Wk1	Wk2	Wk3	Wk4 ICA	Wk5	Wk6	Wk7	Wk8	October Half Term Holiday	
	Conditions for Life on Earth [The Living Environment Paper 2]		Fieldwork: Me3, Me4, Investigating the effect of trees on microclimate.		Threats to Biodiversity; conservation priorities; Method of conservation and case studies [The Living Environment Paper 2]			Biosphere		
	Importance of Biodiversity and Ecosystem Services [The Living Environment Paper 2]		[The Living Environment Paper 2]		Investigating the effect of trees on microclimate.					
Half Term 2 (2 nd November – 18 th December) 7 weeks	Wk9 EXAM	Wk10 EXAM	Wk11	Wk12	Wk13	Wk14	Wk15	Christmas Holiday		
	Threats to Biodiversity; conservation priorities; Method of conservation and case studies [The Living Environment Paper 2]						Topic tests			
	Biosphere [The Living Environment Paper 2]									
Half Term 3 (4 th January – 12 th February) 6 weeks	Wk16 EXAM	Wk17 EXAM	Wk18 AW	Wk19	Wk20 DP1	Wk21	February Half Term Holiday		KEY AW – Assessment Window DP – Data Point PE – Parents Evening iIL – Investment in learning data drop Trial – Trial Period WE – Work Ex IDC – Internal Data Collection EXAM – Exam Period	
	Hydrosphere [Physical Environment Paper 1]									
	Atmosphere [Physical Environment Paper 1]					Practical 12				
Half Term 4 (22 nd February – 26 th March) 5 weeks	Wk22	Wk23 PE	Wk24	Wk25	Wk26 TRIAL	Easter Holiday				
	Biochemical [Physical Environment Paper 1]									
	Lithosphere [Physical Environment Paper 1]									
Half Term 5 (12 th April – 28 th May) 7 weeks	Wk27	Wk28 DP2	Wk29	Wk30 EXAM	Wk31 EXAM	Wk32 EXAM	Wk33 EXAM	May Half Term		
	Energy Resources [Physical Environment Paper 1]									
	Soil [Physical Environment Paper 1]					Investigating building energy loss through different construction materials.				
Half Term 6 (7 th June – 16 th July) 6 weeks	Wk34 WE	Wk35 WE	Wk36	Wk37	Wk38 ICA	Wk39	Summer Holiday			
	Work Experience		Practical 8 Investigating building energy loss through different construction materials.		Topic tests	Feedback				
			Soil practical							

Year: 12

Subject: Physics

Half Term 1 31 st August – 23 rd October) 8 weeks	Wk1	Wk2	Wk3	Wk4 ICA	Wk5	Wk6	Wk7	Wk8	October Half Term Holiday
	3.1 Measurements and their errors			3.3 Waves					
	3.4 Mechanics and materials								
Half Term 2 (2 nd November – 18 th December) 7 weeks	Wk9 EXAM	Wk10 EXAM	Wk11	Wk12	Wk13	Wk14	Wk15	Christmas Holiday	
	3.3 Waves								
	3.4 Mechanics and materials								
Half Term 3 (4 th January – 12 th February) 6 weeks	Wk16 EXAM	Wk17 EXAM	Wk18 AW	Wk19	Wk20 DP1	Wk21	February Half Term Holiday		KEY AW – Assessment Window DP – Data Point PE – Parents Evening iIL – Investment in learning data drop Trial – Trial Period WE – Work Ex IDC – Internal Data Collection EXAM – Exam Period
	3.2 Particles and radiation								
	3.5 Electricity								
	Half Term 4 (22 nd February – 26 th March) 5 weeks	Wk22	Wk23 PE	Wk24	Wk25	Wk26 TRIAL	Easter Holiday		
3.2 Particles and radiation				Trial Exam					
3.5 Electricity									
Half Term 5 (12 th April – 28 th May) 7 weeks	Wk27	Wk28 DP2	Wk29	Wk30 EXAM	Wk31 EXAM	Wk32 EXAM	Wk33 EXAM	May Half Term	
	3.6.2 Thermal physics								
	3.6.1 Further mechanics								
Half Term 6 (7 th June – 16 th July) 6 weeks	Wk34 WE	Wk35 WE	Wk36	Wk37	Wk38 ICA	Wk39	Summer Holiday		
	Work Experience		3.6.2 Thermal physics						
			3.6.1 Further mechanics						

Year: 13

Subject: Physics

Half Term 1 31 st August – 23 rd October) 8 weeks	Wk1	Wk2	Wk3	Wk4	Wk5	Wk6 TRIAL	Wk7 TRIAL	Wk8	October Half Term Holiday	
	3.6.2 Thermal physics			3.12 Turning Points			Trial Exam 1			3.8 Nuclear physics
	3.6.1 Further mechanics		3.7 Fields			3.7 Fields				
Half Term 2 (2 nd November – 18 th December) 7 weeks	Wk9	Wk10 DP1	Wk11	Wk12	Wk13 PE	Wk14	Wk15	Christmas Holiday		
	3.12 Turning Points									
	3.7 Fields and their consequences									
Half Term 3 (4 th January – 12 th February) 6 weeks	Wk16 EXAM	Wk17 EXAM	Wk18	Wk19	Wk20	Wk21 TRIAL	February Half Term Holiday			
	3.12 Turning Points	3.8 Nuclear physics				Trial Exam 2				
	3.7 Fields and their consequences									
Half Term 4 (22 nd February – 26 th March) 5 weeks	Wk22 TRIAL	Wk23	Wk24	Wk25 DP2	Wk26	Easter Holiday			KEY ICA – Internal Class Assessment DP – Data Point PE – Parents Evening liL – Investment in learning data drop Trial – Trial Period WE – Work Ex	
	Trial Exam 2	3.8 Nuclear physics		Examination Preparation						
		3.7 Fields								
Half Term 5 (12 th April – 28 th May) 7 weeks	Wk27	Wk28	Wk29	Wk30 EXAMS	Wk31 EXAMS	Wk32 EXAMS	Wk33 EXAMS	May Half Term		
	Examination Preparation			External exams						
Half Term 6 (7 th June – 16 th July) 6 weeks	Wk34 EXAMS	Wk35 EXAMS	Wk36	Wk37	Wk38	Wk39	Summer Holiday			
	External exams									