Year 11 Overview 2023-24 – Biology							
Date	Wk	Week	Units Stud	lied & Learning	Outcomes		Key Concepts & Assessment
					s (14/15 Lessons)	(38 Davs)	· ·
Tues 5-Sep	А	1	Overview of U		-	•	
11-Sep	B	2	Ecology (15 less				
18-Sep*	A	3					
•		4	Lesson Sequer				
25-Sep	В		 Ecosystems a Biotic and Ab 				
2-Oct	А	5	3) Animal adapt				
9-Oct	В	6	4) Plant adaptat				
16-Oct	А		5) Extremophile				
		ST1	 6) Competition 7) Food chains a 				
23-Oct	В				ds of biomass (2		
			lessons)		(-		
				estigation REQL	IIRED PRACTICAL		
			(2 lessons) 12)Predator pre		an)		
			13)The Carbon		ווכ		
			14) Decay and c		2 lessons)		
				milk REQUIRED	PRACTICAL (2		
			lessons)				
			16) The water c		g destruction (1		
			lesson)		g destruction (1		
			18) Air pollutior	n and global wa	rming (1 lesson)		
			19) Land and wa				
					ustainable food		
			production (1 le 21) Food securi		ing (1 lesson)		
			2171000300011	ty and over fish			
			Unit Learning				
			GW: Describe ty that affect then	GW: Describe types of ecosystems and factors			
			BI: Explain how		organised.		
				EW: Explain how humans can impact			
			ecosystems and	ecosystems and Biodiversity.			
			Prior Yr 8-	Current Understand	Next Year 12 –		
			Photosynthe	Ecosystems	Adaptation,		
			sis, Food	and factors	diversity and		
			chains and	that affect	taxonomy.		
		674	webs and	them	Biomass and		
Laff Tauna		ST1	Biodiversity	7 wooks	productivity	(24 Days)	
Half-Term 6-Nov	А	ST1	Overview of Un		(10/11 lessons) (J- Daysj	
0-1100	А	311	Inheritance 10 l				
13-Nov	В	10	1	-			
10 1100	5		Lesson Sequer				
20-Nov	А		Revision / Feedback on ST1 Exam (1 lesson) 1) Know what Variation is (1 lesson)				
		11	2) Types of repr				
27-Nov	В	12	3) Advantages a				
	-		reproduction st				
4-Dec	Α		4) DNA, Chromo (1-2 lessons)	osomes and the	human genome		

11-Dec	В	14	5) Alleles and p	predicting patte	rns of	
500	inheritance (Punnett squares/genetic			unnett squares/		
18-Dec			diagrams) (1-2		topoo the west	
			of Mendel (1-2		tance - the work	
				sorders (1 lesso	n)	
				nation (1 lesson		
			9) Meiosis (1 lesson) 10) Evolution (1 lesson)			
			Prior	Current	Next	
			Year 7- Cells	Linking	Year 12 –	
			and	chromosomes	Monomers and	
			Reproduction topics	with chemical they are made	polymers	
				out of and	DNA & RNA	
				how it	DNA & Protein	
				functions	synthesis	
				Links with	Mutations during	
				work about	Meiosis	
				adaptations	Diversity &	
	Α				taxonomy	
		15	1)			
Christmas Holic	-		Quantizes of 1		ks (4/5 lessons) (3	u Days)
8-Jan	В	16	Inheritance (5	nit/No. lessons lessons)		
	•	16	·	100001107		
15-Jan	A	17	Lesson Seque	ence of Conter	<u>it</u> :	
12-1911	В	17	11) Theories of evolution (1 lesson)			
22-Jan	Б	18	12) Growing bacteria aseptically and testing antiseptics (1 lesson)- REQUIRED PRAC			
22 Jun	Α	10	13) Speciation		ED PRAC	
29-Jan	~	ST2	14) Extinction			
5-Feb	В	512	15) Fossil formation (1 lesson)			
5105	0	ST2	ST2 Exams			
			Prior Year 7- Cells	Current	Next Year 12 –	
			and	Linking chromosome		
			Reproductio	with chemica		
			n topics	they are	DNA & RNA	
				made out of		
				and how it	DNA & Protein	
				functions	synthesis	
				Links with	Mutations	
				work about	during Meiosis	
				adaptations		
					Diversity &	
					taxonomy	
	GW: Identify reasons why organisms can				anisms can	
			become extinct and state different ways in			
			which fossils ca	an be formed		
				-	gaps in the fossil	
				n the different v	vays that living	
	.2-Feb ST2 things can become extinct.					
		ST2				

			EW/ Evolain has	w fossils support	Darwin's		
			theory of Natural selection. Link conservation and biodiversity to prevention of extinction of				
			-	to prevention of			
			species.				
			•				
Half-Term				5 weeks	s (6 lessons) (24		
26-Feb	В	22	Overview of Un				
4-Mar	Α	23	Inheritance (6 le	essons)			
11-Mar	В	24	Lesson Sequenc	a of Contont:			
18-Mar	Α	25	ST2 Feedback a				
25-Mar*		25		eding (1 lesson)			
23 19101				ineering (1 lessor	ר)		
			18) Classification				
			19) Cloning (1-2				
				SE Exam prepara	ation (3		
			lessons)				
			Prior	Current	Next		
			Year 7 –	Genetic	Year 12 –		
			Plant &	engineering	genetics &		
			animal	Classing	inheritance		
			reproduction	Cloning	DNA & RNA		
			Year 7 –	Evolution			
			classification	Evolution	Diversity &		
				Extinction	Taxonomy		
			Year 7				
			Gametes &		Adaptations		
			fertilisation				
			Year 7 DNA				
			&				
			inheritance				
				eps in selective b	-		
				ring. State reaso	ns why		
			scientists classif	y living things			
				6 1 .			
				process of select			
				eering. Identify t	ne different		
			ways of classifyi	ng organisms			
				process of gener			
			and selective breeding. Explain how species				
				and why classifi	cation systems		
			have changed.				
	D	26					
Easter Helider	В	26		6 wooks (5 lessons) (29 [
Easter Holiday	^	27	Overview of Un		2 (29 L		
15-Apr	A	27	Revision (6 lesso				
22-Apr	В	28					
29-Apr			Lesson Sequenc	Lesson Sequence of Content:			
	A	29	1.GCSE Exam pro	1.GCSE Exam preparation			
6-May*	_	30	2. GCSE Exam preparation				
	В		3. GCSE Exam preparation				
13-May	A	GCSE	4. GCSE Exam preparation				
20-May			5. GCSE Exam preparation				
	В	GCSE					
	_	0002					

Half-Term 7 weeks (lessons) (35 Days)							
3-Jun	А	GCSE					
10-Jun	В	GCSE					
17-Jun	Α	GCSE					
24-Jun		Contin					
	В	gency					
	(Total: 190 Days)						

* Bank Holidays