

Long Term Plan: Year 10 Biology 2023

Date	w.c 04.09.23	w.c 11.09.23	w.c 18.09.23	w.c 25.09.23	w.c 02.10.23	w.c 09.10.23	w.c 30.10.23	w.c 06.11.23	w.c 13.11.23	w.c 20.11.23	w.c 27.11.23	w.c 04.12.23	w.c 11.12.23	w.c 18.12.23	
Topic	B1	B2	B2	B2	B2	B2	B2	B2	B2	B3	B3	DCP1	B3	B3	
Bespoke Recall															
Lessons	Recap cells Culturing Microorganisms	Unit 4.2 organisation digestive system	Unit 4.2 Req prac: Food tests	Unit 4.2 Enzymes Req prac: enzymes	Unit 4.2 Heart blood vessels blood	Unit 4.2 CHD Health issues	Unit 4.2 non- communica- ble diseases	Unit 4.2 ext writing Cancer	Unit 4.2 Plant tissues and organs	Unit 4.3 communica- ble diseases bacterial viral	Unit 4.3 communica- ble diseases fungal and protist	DCP1 PPE	Unit 4.3 Human defences	Unit 4.3 vaccinations	
FB	Osmosis			Mitosis			Digestive System			Food Tests			Enzymes		
Maths skill		ESTAU and the equation sheet	Drawing graphs	ESTAU GPE	Percenta- ges	ESTAU KE	SI Units	ESTAU	Convertin- g units smaller	ESTAU	Converting units bigger	No skill	ESTAU ohm's law	Calculating a mean	
HW		C10 GCSE	C10 GCSE	C10 GCSE	C10 GCSE	C10 GCSE	P1 GCSE	P1 GCSE	P1 GCSE	P1 GCSE	P1 GCSE	P1 GCSE	P1 GCSE	B2 GCSE	B2 GCSE
Date	w.c 01.01.24	w.c 08.01.24	w.c 15.01.24	w.c 23.01.24	w.c 29.01.24	w.c 05.02.24	w.c 19.02.24	w.c 26.02.24	w.c 04.03.24	w.c 11.03.24	w.c 18.03.24	w.c 25.03.24			
Topic	B3	B3	B3	B3	B3	B4	B4	B4	B4	DCP2	B4	B1			
Recall															
Lessons	Unit 4.3 Antibiotic s and painkiller s	Unit 4.3 Drug developmen- t	Unit 4.3 monoclon- al antibodies	Unit 4.3 Plant Diseases and defences	Assessme- nt and feed forward	Unit 4.4 Bioenerget- ics Photosynt- hesis	Unit 4.4 Req prac: Photosynt- hesis	Unit 4.4 Rate of photosynth- esis	Unit 4.4 glucose from photosynth- esis	DCP2 PPE	Unit 4.4 Respiration Exercise Metabolism	Recap cells, specialise- d cells, mitosis			
FB		Diseases			Plant Tissues			Vaccinatio- ns			Photosynt- hesis				
Maths skill	ESTAU and the equation sheet	Graph interpretat- ion	ESTAU rearrangi- ng	Boiling and melting	ESTAU GPE	Scale drawings	ESTAU microscop- e	Using a protractor	Probabilit- y		Calculating an area	Errors and uncertaint- ies			

				point lines										
HW	C1 GCSE	C1 GCSE	C1 GCSE	C1 GCSE	C1 GCSE	C1 GCSE	P2 GCSE	P2 GCSE	P2 GCSE	P2 GCSE	P2 GCSE	B3 GCSE		
Date	w.c 15.04.24	w.c 22.04.24	w.c 29.04.24	w.c 06.05.24	w.c 13.05.24	w.c 20.05.24	w.c 03.06.24	w.c 10.06.24	w.c 17.06.24	w.c 24.06.24	w.c. 01.07.24	w.c 08.07.24	w.c 15.07.24	w.c 22.07.24
Topic	B1	B1	B7	B7	B7	B7	Revision	Revision	DCP3	DCP3	B7	B7	B7	B7
Recall														
Lessons	Recap Diffusion, osmosis and active transport	BIOLOGY ONLY-culturing microorganisms- required practical	Unit 4.7 communities Abiotic and biotic factors adaptations	Unit 4.7 levels of organisation Req prac: Sampling	Unit 4.7 How materials are cycles Decomposition Req prac: decay of milk	Unit 4.7 Environmental changes biodiversity waste management	Revision Paper 1 and B7	Revision Paper 1 and B7	Y10 PPE DCP3	Y10 PPE DCP3	Unit 4.7 land use deforestation global warming	Unit 4.7 maintaining biodiversity trophic levels Biomass	Unit 4.7 Food production farming fisheries biotechnology	Unit 4.7 Assessment and WCF
FB		Diffusion & Osmosis			Heart and Blood			Paper 1 Revision			Paper 1 Revision			
Maths skill	Unit conversions smaller	Unit conversions bigger	combining unit conversion	ESTAU density	Graph interpretation	Directly proportional	ESTAU and using the equation sheet	Standard form	No skill	No skill	Balancing equations	Mean-sampling	Mode-sampling	Median-sampling
HW	B3 GCSE	B3 GCSE	B3 GCSE	B3 GCSE	B3 GCSE	B3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE

See assessment Calendar for details of end of unit and Summative DCP Assessments

Details of the academic texts can be found in the centralised planning.

FB is our Flashback lessons. These form part (or all) of the last lesson of the week.

Bespoke Flashback and bespoke recalls are decided from end of unit assessments and DCP data. Other recall topics are built into lessons on the centralised planning.

See Skills code sheet to understand the skill letters.

SMSC/personal development opportunities see medium plan for more details

Maths skills form 15-20 minutes of one lesson each week to build up competency as 40% of the Physics paper is maths based.

HT5 plan in KS4 revision folder.